

BIDDING DOCUMENT

Procurement of Civil Work Contractor for 03 Cat-D Hospitals

KP-HCIP Health

**Health Department
Government of Khyber Pakhtunkhwa**

June 2025

Specific Procurement Notice Request for Bids

(One-Envelope Bidding Process)

Country: Pakistan

Name of Project: Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP)

Contract Title: Procurement of Civil work for strengthening and renovation of 03 Category-D Hospitals of selected districts

RFB Reference No.: PK-HPMU-487533-CW-RFB

Project ID: PR2010039

Grant No: D680-PK

Credit Number: 6714-PK

Issued on: 4th June, 2025

1. The **Govt. of Pakistan** received financing from the World Bank toward the cost of the Khyber Pakhtunkhwa Human Capital Investment Project and intends to apply part of the proceeds toward payments under the contract for Procurement of Civil Work Contractor for strengthening and renovation of 03 Category-D Hospitals of selected districts of Khyber Pakhtunkhwa.
2. The PMU, KP-HCIP, Health Department **Govt. of the Khyber Pakhtunkhwa** invites sealed Bids from eligible Bidders of C1 category as per PEC, for strengthening and renovation of 03 Category-D Hospitals, one each in district Peshawar, Swabi & Haripur. The duration of completion of the project is 10 months. All 03 hospitals will be completed before 30th May 2026. Penalty will be imposed if the contractor fails to comply with the timelines.
3. Bidding shall be conducted through Open National Competitive Procurement using **RFB (Single stage One envelope)** process as specified in the World Bank Procurement Regulations for IPF Borrowers (November 2020 and September 2023.) and is open to the eligible bidders as defined in the procurement regulations. The bidding documents can also be downloaded from <https://www.healthkp.gov.pk/> and <https://www.hcip.healthkp.gov.pk/>. The document will be received by hand or will send by courier on the request of bidders and after the payment of requisite fee. The Employer shall not be responsible for late or missing delivery.
4. Pre-Bid conference Meeting is scheduled on 13th June, 2025 at 11:00 am in the Conference Room of the KP-HCIP Office, House No, 240, defense colony shami road Peshawar.
5. Interested eligible Bidders may obtain further information from the Office of the Project Director, KP-Human Capital Investment Project. E-mail - kphciphealth163@gmail.com and inspect the bidding document during office hours (9:00 AM to 5:00 PM) Monday to Friday. at the address given below.
6. Bids must be delivered to the address below KP-HCIP (Health) Office, House No, 240, defense colony shami road Peshawar, on or before 26th June, 2025 at 02:00 pm. Electronic Bidding will not be permitted. Late Bids will be rejected. Bids will be publicly opened in the presence of the Bidders' designated representatives and anyone who chooses to attend at the address on 26th June, 2025, at 02:30 PM.
7. All Bids must be accompanied by a "Bid Security" of 20 M PKR in form of CDR/SDR/DD /Pay order in PKR or any other shape acceptable under World Bank Procurement regulation.
8. Attention is drawn to the Procurement Regulations requiring the Borrower to disclose information on the successful bidder's beneficial ownership, as part of the Contract Award Notice, using the Beneficial Ownership Disclosure Form as included in the bidding document.

The address (es) referred to above is (are): **Project Director KP-HCIP (Health) Office, House No, 240 Defense colony shami road Peshawar.**

Project Director

KP-HCIP Health

House No 240, Defense colony, Shami Road, Peshawar, Khyber Pakhtunkhwa, Pakistan

Phone: +92 091-9211605

Email: kphciphealth163@gmail.com

Website: <https://www.hcip.healthkp.gov.pk/>

Summary Description

SBD for Procurement of Small Works

PART 1 – BIDDING PROCEDURES

Section I. Instructions to Bidders (ITB)

This Section provides relevant information to help Bidders prepare their bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of Contracts. **Section I contains provisions that are to be used without modification.**

Section II. Bid Data Sheet (BDS)

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

Section III. Evaluation and Qualification Criteria

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

Section IV. Bidding Forms

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

Section V. Eligible Countries

This Section contains information regarding eligible countries.

Section VI. Bank Policy – Corrupt and Fraudulent Practices

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

PART 2 – WORKS REQUIREMENTS

Section VII. Works Requirements

This Section contains the Specification, the Drawings, and supplementary information that describe the Works to be procured. The Works Requirements shall also include (ES) requirements (including requirements relating to Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH)) which are to be satisfied by the Contractor in executing the Works.

PART 3 – *CONDITIONS OF CONTRACT AND CONTRACT FORMS*

Section VIII. General Conditions of Contract (GCC)

This Section contains the general clauses to be applied in all contracts. **The text of the clauses in this Section shall not be modified.**

Section IX. Particular Conditions of Contract (PCC)

This Section consists of the Particular Conditions of Contract which contains provisions specific to each contract. The contents of this Section modify or supplement the General Conditions and shall be prepared by the Employer.

Section X. Contract Forms

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

Attachment: Invitation for Bids

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

PROCUREMENT DOCUMENTS

Procurement of Civil Work Contractor for 03 Cat-D Hospitals in Three Selected districts of Khyber Pakhtunkhwa.

Country: Pakistan

Name of Project: Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP)

Contract Title: Procurement of Civil work for strengthening and renovation of 03 Category-D Hospitals of selected districts

RFB Reference No.: PK-HPMU-487533-CW-RFB

Project ID: PR2010039

Grant No: D680-PK

Credit Number: 6714-PK

Issued on: 4th June, 2025

Standard Procurement Document

Table of Contents

| | |
|---|------------|
| PART 1 – Bidding Procedures..... | 3 |
| Section I - Instructions to Bidders | 5 |
| Section II - Bid Data Sheet (BDS)..... | 35 |
| Section III - Evaluation and Qualification Criteria..... | 41 |
| Section IV - Bidding Forms..... | 57 |
| Section V - Eligible Countries | 109 |
| Section VI - Fraud and Corruption | 111 |
| PART 2 – Works’ Requirements..... | 115 |
| Section VII - Works’ Requirements..... | 117 |
| PART 3 – Conditions of Contract and Contract Forms | 127 |
| Section VIII - General Conditions of Contract | 128 |
| Section IX - Particular Conditions of Contract..... | 175 |
| Section X - Contract Forms | 179 |

PART 1 – Bidding Procedures

Section I - Instructions to Bidders

Contents

| | |
|--|-----------|
| A. General..... | 7 |
| 1. Scope of Bid..... | 7 |
| 2. Source of Funds | 8 |
| 3. Fraud and Corruption..... | 8 |
| 4. Eligible Bidders | 8 |
| 5. Eligible Materials, Equipment and Services..... | 11 |
| B. Contents of Bidding Document..... | 11 |
| 6. Sections of Bidding Document | 11 |
| 7. Clarification of Bidding Document, Site Visit, Pre-Bid Meeting..... | 12 |
| 8. Amendment of Bidding Document..... | 13 |
| C. Preparation of Bids..... | 14 |
| 9. Cost of Bidding..... | 14 |
| 10. Language of Bid..... | 14 |
| 11. Documents Comprising the Bid..... | 14 |
| 12. Letter of Bid and Schedules..... | 15 |
| 13. Alternative Bids | 15 |
| 14. Bid Prices and Discounts | 15 |
| 15. Currencies of Bid and Payment | 17 |
| 16. Documents Comprising the Technical Proposal..... | 17 |
| 17. Documents Establishing the Eligibility and Qualifications of the Bidder..... | 17 |
| 18. Period of Validity of Bids..... | 18 |
| 19. Bid Security | 18 |
| 20. Format and Signing of Bid..... | 20 |
| D. Submission and Opening of Bids..... | 21 |
| 21. Sealing and Marking of Bids | 21 |
| 22. Deadline for Submission of Bids | 22 |
| 23. Late Bids | 22 |
| 24. Withdrawal, Substitution, and Modification of Bids..... | 22 |
| 25. Bid Opening..... | 22 |
| E. Evaluation and Comparison of Bids | 24 |
| 26. Confidentiality | 24 |
| 27. Clarification of Bids..... | 24 |

| | | |
|-----------|---|-----------|
| 28. | Deviations, Reservations, and Omissions | 24 |
| 29. | Determination of Responsiveness | 25 |
| 30. | Nonmaterial Nonconformities | 25 |
| 31. | Correction of Arithmetical Errors | 26 |
| 32. | Conversion to Single Currency | 26 |
| 33. | Margin of Preference | 27 |
| 34. | Subcontractors..... | 27 |
| 35. | Evaluation of Bids..... | 27 |
| 36. | Comparison of Bids | 29 |
| 37. | Abnormally Low Bids..... | 29 |
| 38. | Unbalanced or Front Loaded Bids | 29 |
| 39. | Qualification of the Bidder | 29 |
| 40. | Most Advantageous Bid..... | 30 |
| 41. | Employer's Right to Accept Any Bid, and to Reject Any or All Bids | 30 |
| 42. | Standstill Period | 30 |
| 43. | Notification of Intention to Award | 31 |
| F. | Award of Contract | 31 |
| 44. | Award Criteria | 31 |
| 45. | Notification of Award | 31 |
| 46. | Debriefing by the Employer..... | 32 |
| 47. | Signing of Contract | 33 |
| 48. | Performance Security | 33 |
| 49. | Adjudicator | 33 |
| 50. | Procurement Related Complaint | 34 |

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) except where the context requires otherwise, words indicating the singular also include the plural and words indicating the plural also include the singular;

(c) **"Day"** means calendar day, 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;

(d) **"ES"** means environmental and social (including Sexual Exploitation, and Abuse (SEA) and Sexual Harassment (SH));

(e) **"Sexual Exploitation and Abuse"** **"(SEA)"** means the following:

"Sexual Exploitation" is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;

"Sexual Abuse" is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;

(f) **"Sexual Harassment"** **"(SH)"** is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Contractor's Personnel with other Contractor's or Employer's Personnel;

(g) **“Contractor’s Personnel”** is as defined in Sub- Clause 1 (ii) of the General Conditions of Contract; and

(h) **“Employer’s personnel”** is as defined in GCC Sub-Clause 1 (nn) of the General Conditions of Contract.

A non-exhaustive list of (i) behaviors which constitute SEA and (ii) behaviors which constitute SH is attached to the Code of Conduct form in Section IV.

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, subconsultants, service providers, suppliers, and personnel, to permit the Bank to inspect all accounts, records and other documents relating to any initial selection process, prequalification process, bid submission, proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

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 subconsultants 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

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.

A. Contents of Bidding Document

6. Sections of Bidding Document

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

PART 1 Bidding Procedures

Section I - Instructions to Bidders (ITB)

Section II - Bid Data Sheet (BDS)

Section III - Evaluation and Qualification Criteria

Section IV - Bidding Forms

Section V - Eligible Countries

Section VI – Bank Policy-Corrupt and Fraudulent Practices

PART 2 Works Requirements

Section VII - Works Requirements

PART 3 Conditions of Contract and Contract Forms

Section VIII - General Conditions of Contract (GCC)

Section IX - Particular Conditions of Contract (PCC)

Section X - Contract Forms

- 6.2 The 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 BDS** and the Conditions of Contract, the prices quoted by the Bidder shall be fixed. If the prices quoted by the Bidder are subject to adjustment during the performance of the Contract in accordance with the provisions of the Conditions of Contract, the Bidder shall furnish the indices and weightings for the price adjustment formulae in the Schedule of Adjustment Data in Section IV- Bidding Forms and the Employer may require the Bidder to justify its proposed indices and weightings.
- 14.6 If so specified in ITB 1.1, Bids are invited for individual lots (contracts) or for any combination of lots (packages). Bidders wishing to offer discounts for the award of more than one Contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITB 14.4, provided the Bids for all lots (contracts) are opened at the same time.
- 14.7 All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 28 days prior to

the deadline for submission of Bids, shall be included in the rates and prices¹ and the total Bid price submitted by the Bidder.

15. Currencies of Bid and Payment

15.1 The currency(ies) of the Bid and the currency(ies) of payments shall be the same and shall be as specified **in the BDS**.

15.2 Bidders may be required by the Employer to justify, to the Employer's satisfaction, their local and foreign currency requirements, and to substantiate that the amounts included in the unit rates and prices and shown in the Schedule of Adjustment Data are reasonable², in which case a detailed breakdown of the foreign currency requirements shall be provided by Bidders.

16. Documents Comprising the Technical Proposal

16.1 The Bidder shall furnish a technical proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section IV, Bidding Forms, in sufficient detail to demonstrate the adequacy of the Bidders' proposal to meet the work'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, applying for eligibility for domestic preference shall supply all information required to satisfy the criteria for eligibility specified in accordance with ITB 33.1.

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

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

**18. Period of
Validity of Bids**

- 18.1 Bids shall remain valid until the date specified **in the BDS** or any extended date if amended by the Employer in accordance with ITB 8. A Bid that is not valid until the date specified **in the BDS**, or any extended date if amended by the Employer in accordance with ITB 8, shall be rejected by the Employer as nonresponsive.
- 18.2 In exceptional circumstances, prior to the date of expiry of the Bid validity, 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 extended date for Bid validity. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB 18.3.
- 18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the date of expiry of the Bid validity specified in accordance with ITB 18.1, 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 date of expiry of the Bid validity, or beyond any extended date 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 and Social (ES) 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 and Social (ES) Performance Security.
- 19.7 The Bid Security may be forfeited:
 - (a) if a Bidder withdraws its Bid prior to the expiry date of the 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 and Social (ES) 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 prior to the expiry date of the Bid validity specified by the Bidder on the Letter of Bid or any extended date 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 and Social (ES) Performance Security in accordance with ITB 48;

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**

Section I - Instructions to Bidders (ITB)...

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 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 submission of Bids by amending the bidding document in~~ 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 date of expiry of the Bid validity specified by the Bidder on the Letter of Bid or any extended date 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 and the priced 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 ITB 11.
- 29.2 A substantially responsive Bid is one that meets the requirements of the bidding document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
 - (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 non-conforming item or component, by adding the average price of the item or component quoted by substantially responsive Bidders. If the price of the item or component cannot be derived from the price of other substantially responsive Bids, the Employer shall use its best estimate.

**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.

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.

35.2 To evaluate a Bid, the Employer shall consider the following:

- (a) the Bid price, excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities⁴ for admeasurement contracts, but including Daywork⁵ items, where priced competitively;
- (b) price adjustment for correction of arithmetic errors in accordance with ITB 31.1;
- (c) price adjustment due to discounts offered in accordance with ITB 14.4;
- (d) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITB 32;
- (e) price adjustment for nonconformities in accordance with ITB 30.3; 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.

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

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.

- 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. Abnormally Low Bids**
- 37.1 An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns as to the capability of the Bidder to perform the Contract for the offered Bid price.
- 37.2 In the event of identification of a potentially Abnormally Low Bid, the Employer shall seek written clarifications from the Bidder, including detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the bidding document.
- 37.3 After evaluation of the price analyses, in the event that the Employer determines that the Bidder has failed to demonstrate its capability to perform the Contract for the offered Bid Price, the Employer shall reject the Bid.
- 38. Unbalanced or Front Loaded Bids**
- 38.1 If the Bid for an admeasurement contract, which results in the lowest evaluated cost is, 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 price as with the scope of works, proposed methodology, schedule and any other requirements of the bidding document.
- 38.2 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.
- 39. Qualification of the Bidder**
- 39.1 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.
- 39.2 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.

39.3 Prior to Contract award, the Employer will verify that the successful Bidder (including each member of a JV) is not disqualified by the Bank due to noncompliance with contractual SEA/SH prevention and response obligations. The Employer will conduct the same verification for each subcontractor proposed by the successful Bidder. If any proposed subcontractor does not meet the requirement, the Employer will require the Bidder to propose a replacement subcontractor.

39.4 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.

**40. Most
Advantageous
Bid**

40.1 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.

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

41.1 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.

42. Standstill Period

42.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITB 46. The Standstill Period commences the day after the date the Employer has transmitted to each Bidder the Notification of Intention to Award the Contract. Where only one Bid is submitted, or if this contract is in response to an emergency situation recognized by the Bank, the Standstill Period shall not apply.

43. Notification of Intention to Award

- 43.1 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) the expiry date of the Standstill Period;
 - (f) instructions on how to request a debriefing and/or submit a complaint during the standstill period.

F. Award of Contract**44. Award Criteria**

- 44.1 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.

45. Notification of Award

- 45.1 Prior to the expiration of the Bid validity and upon expiry of the Standstill Period, specified in ITB 42.1 or any extension thereof, and, upon satisfactorily addressing any complaint that has been filed within the Standstill Period, 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").
- 45.2 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.

45.3 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.

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

46. Debriefing by the Employer

46.1 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.

46.2 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. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. The Employer shall promptly inform, by the quickest means available, all Bidders of the extended standstill period

46.3 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. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.

- 46.4 Debriefings of unsuccessful Bidders may be done in writing or verbally. The Bidder shall bear their own costs of attending such a debriefing meeting.
- 47. Signing of Contract**
- 47.1 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.
- 47.2 The successful Bidder shall sign, date and return to the Employer, the Contract Agreement within twenty-eight (28) days of its receipt.
- 48. Performance Security**
- 48.1 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 and Social (ES) Performance Security in accordance with the General Conditions of Contract, subject to ITB 38.2 (b), using for that purpose the Performance Security and ES 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.
- 48.2 Failure of the successful Bidder to submit the above-mentioned Performance Security and, if required in the BDS, the Environmental and Social (ES) 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.
- 49. Adjudicator**
- 49.1 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.

**50. Procurement
Related
Complaint**

50.1 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: <u>PK-HPMU-487533-CW-RFB</u></p> <p>The Employer is: <i>KP-HCIP Health Department, Khyber Pakhtunkhwa</i></p> <p>The reference number of the Request for Bids (RFB) is: <u>PK-HPMU-487533-CW-RFB</u></p> <p>Procurement of Civil Work Contractor for 03 Cat-D Hospitals in three Selected districts of Khyber Pakhtunkhwa.</p> |
| ITB 1.2(a) | Not Applicable |
| ITB 2.1 | <p>The Borrower is: Government of Pakistan (KP) Human Capital Investment Project, Health Department, Govt of Khyber Pakhtunkhwa.</p> <p>Loan or Financing Agreement amount: USD 85 Million.</p> <p>The name of the Project is: Khyber Pakhtunkhwa Human Capital Investment Project.</p> |
| ITB 4.1 | Maximum number of members in the Joint Venture (JV) shall be: Two |
| ITB 4.5 | A list of debarred firms and individuals is available on the Bank's external website: http://www.worldbank.org/debarr . |
| B. Contents of Bidding Document | |
| ITB 7.1 | <p>For <u>Clarification of Bid purposes</u> only, the Employer's address is: KP Human Capital Investment Project, House No. 1-2A, Park Avenue, University Town, Peshawar, Pakistan.</p> <p>Attention: Procurement Specialist</p> <p>ZIP Code: 25000</p> <p>Country: Pakistan</p> <p>Telephone: 091-9211605</p> |

| | |
|-------------------------------|---|
| | Electronic mail address: kphciphhealth163@gmail.com |
| ITB 7.1 | Requests for clarification should be received by the Employer no later than 7 Days prior to the Bid submission deadline. |
| ITB 7.1 (a) | Not Applicable |
| ITB 7.4 | <p>A Pre-Bid meeting shall take place.</p> <p>If a Pre-Bid meeting will take place, it will be at the following date, time and place:</p> <p>Date: 13 June 2025</p> <p>Time: 11:00 AM</p> <p>Address: Project Director KP-HCIP Health, 240 Defense Colony Shami Road Peshawar</p> <p>A site visit conducted by the Employer shall not be organized.</p> |
| C. Preparation of Bids | |
| ITB 10.1 | <p>The language of the Bid is: English.</p> <p>All correspondence exchange shall be in : English.</p> |
| ITB 11.1 (b) | The following schedules shall be submitted with the Bid: Completed Bill of Quantities for civil works and Environmental & Social Management Plan (ESMP) Implementation. |
| ITB 11.1 (i) | <ol style="list-style-type: none"> 1. The Bidder shall submit the following additional documents in its Bid: 2. List of Key Staff, List of Equipment and Machinery, List of ongoing Projects, Completions Certificate, Work orders, Contracts of Projects Completed in last Seven Years. And submit the other document as per evaluation criteria. 3. ESMP Implementation Schedule (for overall ESMP requirements and itemwise costing of mitigation measures a separate ESMP BOQ for Districts is included). 4. Code of Conduct for Contractor's Personnel and Workers on site (E&S) –(for convenience in preparation of code of conduct for contractor's personnel (E&S) by the contractor, specific guidelines are provided as Annex-6 in the ESMP document). 5. ESMP implementation Schedule, COC, Method Statement Cumulative and Activity Wise Safety Implementation Plan, Construction Schedule, Mobilization Schedule. 6. The Bidder shall submit its Code of Conduct that will apply to Contractor's Personnel and site workers (as defined in Sub- Clause 1 (ii) of the General Conditions of Contract), to ensure compliance with the Contractor's Environmental and Social safeguards (E&S) obligations under the Contract. The Bidder shall use for this purpose the Code of Conduct form provided in Section IV. No substantial modifications shall be made to this form, except that the Bidder may introduce additional requirements, including as necessary to take into account specific Contract issues/risks. |

| | |
|---------------------|--|
| | <p>7. Management Strategies and Implementation Plans (MSIP) to manage the(E&S) risks associate with awarded construction works.</p> <p>8. The Bidder shall submit Management Strategies and Implementation Plans(MSIPs) to manage the following key Environmental and Social (E&S) risks:</p> <p>9. Contractor Work Programme, Management Structure for E&S implementation, Solid and liquid Waste Management Plan, Hazardous Waste Management Plan, Hazardous Material Management, Soil Erosion and Sedimentation control Plan, Dust Control Plan, Noise, air and water pollution prevention Plans, Occupational Health and Safety Plan, Community Health and Safety Plan, Emergency Preparedness and Response Plan, Training Plan for site workers, Site closure and restorationplan, Grievance mechanism for workers, E&S Monitoring and Reporting requirements, Budget required for implementation of ESMP mitigation measures, Traffic management Plan (where required), Sexual Exploitation and Abuse Prevention and response action plan, Labor Recruitment process and labor Management.</p> <p>10. The details mentioned in evaluation criteria.</p> <p>Note: The details description of the above terms has been provided in the ESMP Document which is included in these bidding documents.</p> |
| ITB 13.1 | Alternative Bids shall not be considered. |
| ITB 13.2 | <p>Alternative times for completion shall not be permitted.</p> <p>The timeline from issuance of work order till handing over of site shall be before 30th May 2025 and the contractor shall be bound to submit detail work break down structure of all the activities (minor and major) as part of their methodology.</p> |
| ITB 13.4 | Alternative technical solutions shall be permitted for the following parts ofthe Works: None . |
| ITB 14.5 | The prices quoted by the Bidder shall not be subject to adjustment during the performance of the Contract. |
| ITB 15.1 | The price shall be quoted by the Bidder in: Pakistani Rupee <u>Only</u> . |
| ITB 18.1 | The Bid shall be valid until <u>120 Days</u> |
| ITB 18.3 (a) | The Bid price shall be adjusted by the following factor(s): N/A |
| ITB 19.1 | <p>A Bid Security shall be required.</p> <p>A Bid-Securing Declaration shall not be required.</p> <p>If a Bid Security shall be required, the amount and currency of the Bid security shall be PKR 20M.</p> <p><u>The form of acceptable bid Securities are below only:</u></p> <p>Bank Guarantee/CDR/SDR/DD in favor of Project Director KPHCIP-Health Component.</p> |
| ITB 19.3 (d) | Other types of acceptable securities: None |
| ITB 19.9 | Not Applicable |

| | |
|---|--|
| ITB 20.1 | In addition to the original of the Bid, the number of copies is Two no Hard copies and One Copy in Soft USB. |
| ITB 20.3 | The written confirmation of authorization to sign on behalf of the Bidder shall consist of: Authority letter from the company. |
| D. Submission and Opening of Bids | |
| ITB 22.1 | <p>For <u>Bid submission purposes</u> only, the Employer's address is: KP Human Capital Investment Project, House No. 240, defense colony shami road Peshawar, Pakistan.</p> <p>Attention: Office of the Project Director, KP-Human Capital Investment Project.</p> <p>ZIP/Postal Code: 25000</p> <p>Country: Pakistan</p> <p>The deadline for Bid submission is:</p> <p>Date: <u>26th June 2025</u></p> <p>Time: 02:00 PM</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>Street Address: Conference Room of KP-HCIP Health office located at House No. 240, defense colony shami road Peshawar, Pakistan.</p> <p>Country: Pakistan</p> <p>Date: <u>26th June 2025</u></p> <p>Time: 02:30 PM</p> |
| ITB 25.1 | Not Applicable |
| ITB 25.6 | The Letter of Bid and Schedules shall be initialed by Three (3) representatives of the Employer conducting Bid opening. |
| E. Evaluation and Comparison of Bids | |
| ITB 32.1 | <p>The currency that shall be used for Bid evaluation and comparison purposes to convert at the selling exchange rate all Bid prices expressed in various currencies into a single currency is PAK Rupees.</p> <p>The source of the exchange rate shall be: State Bank of Pakistan.</p> <p>The date for the exchange rate shall be: 15 days prior to submission of bid.</p> |
| ITB 33.1 | Not Applicable |
| ITB 34.1 | Not Applicable |
| ITB 34.2 | Not Applicable |
| ITB 34.3 | Contractor's proposed subcontracting: Maximum percentage of subcontracting permitted is: 10% of the total contract amount. |

| | |
|---|---|
| | |
| ITB 42.1 Standstill Period | Five (5) Days |
| F. Award of Contract | |
| ITB 47.1 | The successful Bidder shall submit the Beneficial Ownership Disclosure Form. |
| ITB 48.1 and 48.2 | The successful Bidder shall be required to submit an Environmental and Social (ES) Performance Security: One Percent of Contractor Price. |
| ITB 49 | The Adjudicator proposed by the Employer is: <i>Special Secretary Health Department Govt of Khyber Pakhtunkhwa.</i> The hourly fee for this proposed Adjudicator shall be: 5,000/= PKR. |
| ITB 50.1 | <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 shall submit its complaint following these procedures, In Writing (by the quickest means available, such as by email or fax), to:</p> <p style="padding-left: 40px;">For the attention: Dr. Bilal</p> <p style="padding-left: 40px;">Title/position: Project Director</p> <p style="padding-left: 40px;">Employer: Khyber Pakhtunkhwa Human Capital Investment Project, Health Department.</p> <p>Email address: - kphciphealth163@gmail.com</p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"> 1. the terms of the Bidding Documents; and 2. the Employer’s decision to award the contract. |

Section III - Evaluation and Qualification Criteria

Wherever a Bidder is required to state a monetary amount, Bidders should indicate the USD equivalent using the rate of exchange determined as follows:

- value of single contract - Exchange rate prevailing on the date of the contract.

Exchange rates shall be taken from the publicly available source identified in the ITB 32.1. Any error in determining the exchange rates in the Bid may be corrected by the Employer.

Table of Criteria

| | |
|-------------------------------|----|
| 1. Margin of Preference | 43 |
| 2. Evaluation | 44 |
| 3. Qualification | 45 |
| 4. Key Personnel..... | 54 |
| 5. Equipment | 55 |

1. Margin of Preference

Not Applicable

2. Evaluation

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

2.1 Adequacy of Technical Proposal

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

2.2 Multiple Contracts

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

Packages

For all these 04 cat D hospitals, it will be one lot.

It will be Employer discretion based on the lowest cost to be awarded to the bidder in case the bidder is most advantageous bidder.

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

Applicable

3. Qualification

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|---|---|-------------------------|--------------------------------------|-----------------------|---------------------|---|
| N o. | 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 | Must meet requirement | Must meet requirement | N/A | Forms ELI – 1.1 and 1.2, with attachments |
| 1. 2 | Conflict of Interest | No conflicts of interest in Accordance with ITB 4.2 | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Letter of Bid |
| 1. 3 | Bank Eligibility | Not having been declared ineligible by the Bank, as described in ITB 4.5. | Must meet requirement | Must meet requirement | 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 | Must meet requirement | Must meet requirement | N/A | Forms ELI – 1.1 and 1.2, with attachments |
| 1. 5 | United Nations resolution or Borrower’s country law | Not having been excluded as a result of prohibition in The Borrower’s country laws or official Regulations against commercial relations with the Bidder’s country, or by an act of compliance with UN Security Council resolution, both in accordance with ITB 4.8 and Section V. | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Forms ELI – 1.1 and 1.2, with attachments |
| 2. Historical Contract Non-Performance | | | | | | | |
| 2. | History of | Non- | Must meet | Must meet | Must meet | N/A | Form CON- |

Section III - Evaluation and Qualification Criteria

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|---|--|------------------------------|--------------------------------------|--------------------------|---------------------|-------------------------|
| N o. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All members Combined | Each Member | At least one Member | |
| 1 | Non-Performing Contracts | performance of a contract ⁶ did not occur as a result of contractor default since 1st January 2017 | requirement ¹ & 2 | requirements | requirement ⁷ | | 2 |
| 2.2 | Suspension Based on Execution of Bid /Proposal Securing Declaration by the Employer | Not under suspension based on execution of a Bid/Proposal Securing Declaration pursuant to ITB 4.7 and ITB 19.9 | Must meet requirement | Must meet requirement | 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 | Must meet requirement | N/A | Must meet requirement | N/A | Form CON – 2 |

⁶ 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 disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the Bidder have been exhausted.

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

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|--|---|---|--------------------------------------|---|---------------------|---------------------------------------|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All members Combined | Each Member | At least one Member | |
| | | litigation will be resolved against the Bidder | | | | | |
| 2.4 | Litigation History | No consistent history of court/arbitral award decisions against the Bidder ⁸ since 1st January 2017 | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Form CON – 2 |
| 2.5 | Declaration: Environmental and Social (E&S) past performance | Declare any civil work contracts that have been suspended or terminated and/or performance security called by an employer for breach of environmental or social (including Sexual Exploitation and Abuse)) contractual obligations in | Must make the declaration . Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration . | N/A | Each must make the declaration. Where there are Specialized Sub-contractor/s , the Specialized Sub-contractor/s must also make the declaration. | N/A | Form CON-3 ES Performance Declaration |

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

Section III - Evaluation and Qualification Criteria

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|---------------------------------------|---|---|--------------------------------------|--|---------------------|---------------------------|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All members Combined | Each Member | At least one Member | |
| | | the past five years. ⁹ | | | | | |
| 2.6 | Bank's SEA and/or SH Disqualification | At the time of Contract Award, not subject to disqualification by the Bank for non-compliance with SEA/ SH obligations | Must meet requirement (including each subcontractor proposed by the Bidder) | N/A | Must meet requirement (including each subcontract or proposed by the Bidder) | N/A | Letter of Bid, Form CON-4 |
| | | If the Bidder had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations, the Bidder shall either (i) provide evidence of an arbitral award on the disqualification made in its favour; or (ii) demonstrate that it has adequate capacity and commitment to comply with SEA/SH prevention | Must meet requirement (including each subcontractor proposed by the Bidder) | N/A | Must meet requirement (including each subcontract or proposed by the Bidder) | N/A | Letter of Bid, Form CON-4 |

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

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|------------------------|---|-------------------------|--------------------------------------|---|---------------------|----------------------------------|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All members Combined | Each Member | At least one Member | |
| | | and response obligations; or (iii) provide evidence that it has already demonstrated such capacity and commitment on another Bank financed works contract. | | | | | |
| 3. Financial Situation and Performance | | | | | | | |
| 3.1 | Financial Capabilities | (i) The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as PKR 250/- Million for the subject contract(s) net of the Bidder's other commitments | Must meet requirement | Must meet Requirement | Each member should have a minimum of 60 percent of the requirement. | N/A | Form FIN – 3.1, with attachments |
| | | (ii) The | Must meet | Must meet | All | N/A | |

Section III - Evaluation and Qualification Criteria

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|--------------------------------------|--|-------------------------|--------------------------------------|---|---|-------------------------|
| N o. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All members Combined | Each Member | At least one Member | |
| | | Bidders shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments. | requirement | requirement | members | | |
| | | (iii) The audited balance sheets or, if not required by the laws of the Bidder's country, other financial statements acceptable to the Employer, for the 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. | Must meet requirement | Must meet requirement | Must meet requirement | N/A | |
| 3.2 | Average Annual Construction Turnover | Minimum average annual construction turnover of | Must meet requirement | Must meet requirement | Must meet 50% , of the requirement | Must meet 50% , of the requirement | Form FIN – 3.2 |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|--|--|-------------------------|--------------------------------------|--|---------------------|-------------------------|
| No. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All members Combined | Each Member | At least one Member | |
| | | PKR 1500 Million/- calculated as total certified payments received for contracts in progress and/or completed <u>within the last 03 years.</u> | | | | | |
| 4. Experience | | | | | | | |
| 4.1 (a) | General Construction Experience | Experience under construction contracts in the role of prime contractor or JV member, for at least the last 07 years, starting 1 st January 2017 . | Must meet requirement | Must meet requirement | Must meet requirement | N/A | Form EXP – 4.1 |
| 4.2 (a) | Specific Construction & Contract Management Experience | (i) A minimum number of similar contracts of Building Constructio | Must meet requirement | Must meet requirement ¹² | Each member must meet a minimum of PKR 54,550,000/- | N/A | Form EXP 4.2(a) |

¹² 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.

Section III - Evaluation and Qualification Criteria

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|---------|---|-------------------------|--------------------------------------|-------------|---------------------|-------------------------|
| N o. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All members Combined | Each Member | At least one Member | |
| | | <p>n specified below that have been satisfactorily and substantially¹⁰ completed as a prime contractor, joint venture member¹¹, between 1st January 2019 and bid submission deadline:</p> <p>(i) 1 contract, each of minimum value PKR 300 M PKR /- or above or</p> <p>ii) 2 contracts of minimum value each of PKR 150 Million/- or above</p> | | | | | |

¹⁰ Substantial completion shall be based on 80% or more works completed under the contract.

¹¹ For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share, by value, shall be considered to meet this requirement.

| 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 | |
| 4.2 (b) | | Not Applicable | | | N/A | N/A | |
| 4.2 (c) | | For contracts substantially completed and under implementation] as prime contractor, joint venture member, between 1st January 2018 and Application submission deadline, experience in managing ES risks and impacts in the following aspects: The contractor shall implement the mitigation and monitoring measures given in the ESMP to address the ESHS Risk associated with construction works. The | Must meet requirements | Must meet requirements | Must meet the following requirements: | Must meet the following requirements: | Form EXP – 4.2 (c) |

| Eligibility and Qualification Criteria | | | Compliance Requirements | | | | Documentation |
|--|---------|---|-------------------------|--------------------------------------|-------------|---------------------|-------------------------|
| N o. | Subject | Requirement | Single Entity | Joint Venture (existing or intended) | | | Submission Requirements |
| | | | | All members Combined | Each Member | At least one Member | |
| | | consultants shall refer to the ESMP included in these bidding documents /ESMF of the project which is available on the P&D website for further guidance. The contractor must have relevant E&S personnel in team. Should have successfully implemented and Managed E&S aspects of the project in the last 1 infrastructure project. | | | | | |

4. Key Personnel

The Bidder must demonstrate that it will have suitably qualified (and in adequate numbers) Key Personnel, as described in the Specification.

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

The Bidder shall propose Environmental, Social, Health and Safety Professional as the contractors Key Personnel at the site. The Bidder shall provide detail of the staff including academic qualification and work experience.

| No. | Position | No | Qualifications | Experience Required |
|-----|---|----|--|--|
| 1. | Project Manager | 01 | BS Civil Engineer or above with PMP certification or Project Management Certification or any other relevant certification | 10 Years of relevant experience |
| 2. | MEP Engineer | 01 | BS Civil Engineer or any other relevant degree | 5 Years of relevant experience |
| 3. | Assistant Engineer | 02 | Diploma in Civil or above qualification | 7 Years of relevant experience |
| 4. | Health , Safety, Environment and Social Officer | 01 | M.Sc Environmental or Social Sciences or other relevant qualification | 03 Years of relevant experience with excellent report writing skills |
| 5. | GBV Officer | 01 | Master or BSc (Hons) development studies, economics, public policy, social work or any other relevant field. | 2 years experience |
| 6. | Surveyor | 01 | Diploma from Govt recognized Institute | 7 Years of relevant experience |
| 7. | Quality Control Inspector | 01 | Diploma in Civil or above qualification | 4 Year of relevant experience |
| 8. | Field Inspector | 07 | DAE | 4 Year of relevant experience |
| 9. | Quantity Surveyor | 01 | Diploma from Govt recognized Institute | 7 Years of relevant experience |

5. Equipment- HEC

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

| No. | Equipment Type and Characteristics | Specifications | Minimum Number required |
|-----|------------------------------------|--|-------------------------|
| 1 | Shuttering | Steel shuttering of 14 gauge for all column concrete works and 01 Inch thick ply/ Steel shuttering of 14 gauge shall be used for beam slabs. MS pipe of 02 Inch dia of sufficient strength shall be used for scaffolding and propping. No deformed and wearied shuttering will be allowed. | 40000 SQ. FT |
| 2 | Concrete Mixer & Lifter | Full bag capacity | 04 |
| 3 | Vibrator | Mechanical | 06 |
| 4 | Trackter trolley/Dumper | Standard | 04 |
| 5 | Compactor | Frog or Roller | 04 |
| 6 | Survey level | Standard | 01 |

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

The following form shall be used for evaluation;

| Contractor Name | | | | | | | |
|--|-----------------|------------|--------------------|---------------------|---|--|--|
| QUALIFICATION OF APPLICANT | | | | | | | |
| A) GENERAL INFORMATION | | | | | | | |
| Application Category | Individual Firm | No | Joint Venture (JV) | Yes | JV Share | | |
| Name of Lead Firm in JV | | | | | | | |
| Name of Firm-1 in JV | | | | | | | |
| Head Office Address, Lead Firm | | | | | | | |
| Mailing Address | | | | | | | |
| Telephone Numbers | | Fax No. | | Email: | | | |
| Duly Authorized Representative | | Mobile No. | | | | | |
| | | | | | | | |
| 1. COMPLETENESS OF DOCUMENTS | | | | | | | |
| | | | | | | | |
| Description | | | | Not provided at all | Provided but not as per requirements of bidding documents | Provided as per requirements of bidding documents and accepted | |
| (a) All appendices to Bid are to be properly completed and signed (ITB). | | | | | | | |
| (b) No alteration is to be made in the Letter of Technical Bid nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected (ITB-18.3). | | | | | | | |
| (d) Written confirmation (Power of Attorney) authorizing a person to submit the Bid. | | | | | | | |
| (e) Written confirmation (Power of Attorney) authorizing the signatory of the Bid to commit Bid. | | | | | | | |
| (f) Letter of Technical Bid. | | | | | | | |
| (g) Bid Security. | | | | | | | |
| (h) Copy of Articles of Incorporation or Constitution of the Bidder as a legal entity. | | | | | | | |
| (i) Valid Certificate of Registration (Constructor's License) from Pakistan Engineering Council. | | | | | | | |
| (j) Certified audit reports for last three (3) years. | | | | | | | |
| (k) Joint Venture/Operation Agreement or the Letter of Intent to execute the JV Agreement. | | | | | | | |
| (l) Pending litigation and No Blacklisting information. | | | | | | | |
| (m) Special Stipulations (As per RFB) | | | | | | | |
| (n) Proposed Construction Schedule (As per RFB) | | | | | | | |
| (o) Method of Performing the Work (As per RFB) | | | | | | | |
| (p) Availability of Critical Equipment (As per RFB) | | | | | | | |
| (q) Construction Camp and Housing Facilities (As per RFB) | | | | | | | |
| (r) List of Sub-contractors (As per RFB) | | | | | | | |
| (s) Organization Chart for Supervisory Staff (As per RFB) | | | | | | | |
| (t) Integrity Pact(As per RFB) | | | | | | | |
| (u) Financial Competence and Access to financial Resources (As per RFB) | | | | | | | |
| (v) General Experience (As per RFB) | | | | | | | |
| (w) Similar Experience (L.o.A and Completion Certificate) (As per RFB) | | | | | | | |

| | | | | | | | |
|--|-------------|----------------------------|----------|---------------------|---------------------|---------------------------------|-------------------------------|
| (x) Qualification of Key Staff (As per RFB) | | | | | | | |
| (y) Current Commitments (As per RFB) | | | | | | | |
| (z) Certificate in accordance with ITB regarding income tax builtin in quoted item rates. | | | | | | | |
| Completeness of Bid | | | | | Satisfactory | | |
| | | | | | | | |
| 2. ELIGIBILITY | | | | | | | |
| i) PEC Registration | | | | | | | |
| Lead Firm in JV | Licence No. | | Category | | CE-01 | Validity | |
| Member Firm-1 in JV | Licence No. | | Category | | CE-01 | Validity | |
| PEC Registration Criteria: Valid PEC Certificate containing Category C-1 year 2024-25. | | | | | PASS | | Fail |
| Registration with Income Tax Department | | | | | PASS | | Fail |
| Overall Qualification Rating on Eligibility | | | | | PASS | | Fail |
| | | | | | | | |
| ii) GENERAL / SPECIFIC (SIMILAR) WORK EXPERIENCE | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Lead Firm or Lead firm in Jv | | | | | | | |
| Project Name | Length | Total Cost (Million s) Rs. | Year | Employer | Role of Bidder | LOA and Completion Certificates | Similar Nature and Complexity |
| | | | | | | | |
| | | | | | | | |
| Member Firm-1 in JV | | | | | | | |
| Project Name | Length | Total Cost (Million s) Rs. | Year | Employer | Role of Bidder | LOA and Completion Certificates | Similar Nature and Complexity |
| | | | | | | | |
| Criteria for General Work experience: At least the last 10 years prior to the bid submission deadline (1-05-2015 to 01-05-2025). | | | | | PASS | | |
| Criteria for specific work experience: as per evaluation crietra | | | | | PASS | | |
| | | | | | | | |
| iii) FINANCIAL SITUATION | | | | | | | |
| LEAD FIRM IN JV or Alone | | | | | | | |
| (PKR Million) | 2023-24 | 2022-23 | 2021-22 | Current Commitments | Credit Limit | | |
| Total assets | | | | | Source | Amount (PKR M) | |
| Current assets | | | | | | | |
| Total liabilities | | | | | | | |
| Current liabilities | | | | | | | |
| Annual Turnover Data | | | | | | | |
| Latest Year's Working Capital (Current Assets - Current Liabilities) | | | - | | | | |
| Average Annual Turnover | | | | | Total | - | |

Section III - Evaluation and Qualification Criteria

| MEMBER FIRM-1 IN JV (M/s) | | | | | | | |
|--|---------------|----------|------------------|---------------------|-------------------------|----------------------|--------------------|
| (PKR Million) | 2023-24 | 2022-23 | 2021-22 | Current Commitments | Credit Limit | | |
| Total assets | | | | | Source | Amount (PKR M) | |
| Current assets | | | | | | | |
| Total liabilities | | | | | | | |
| Current liabilities | | | | | | | |
| Annual Turnover Data | | | | | | | |
| Latest Year's Working Capital (Current Assets - Current Liabilities) | | | - | | | | |
| Average Annual Turnover | | | - | | Total | - | |
| | | | | | | | |
| LEAD FIRM | | | | | | | |
| (PKR Million) | Thresh old | Adequacy | (Yes / No) | | | | |
| a) Average Annual Construction Turnover | | - | Yes | | | | |
| b) Cash Flow | | - | Yes | | | | |
| c) Latest Year's Working Capital | | - | Yes | | | | |
| Overall Qualification Rating on Financial Situation | | | | | | PASS | |
| | | | | | | | |
| MEMBER FIRM-1 IN JV (M/s) | | | | | | | |
| (PKR Million) | Thresh old | Adequacy | (Yes / No) | | | | |
| a) Average Annual Construction Turnover | | - | Yes | | | | |
| b) Cash Flow | | - | Yes | | | | |
| c) Latest Year's Working Capital | | - | Yes | | | | |
| Overall Qualification Rating on Financial Situation | | | | | | PASS/FAIL | |
| | | | | | | | |
| 3. PERSONNEL CAPABILITIES | | | | | | | |
| Name | Qualification | Position | | Experience | | Threshold Experience | |
| | | | | Total | Similar | Total / Similar | |
| | | | | | | | |
| Overall Rating on Personnel Capabilities | | | | | | PASS/FAIL | |
| 4. EQUIPMENT CAPABILITIES | | | | | | | |
| Requirement | | | Threshold (Nos.) | | Available (Nos.) | | Yes / No |
| Total Percentage Difference | | | | | #REF! | | More than Required |
| Qualification Rating on Equipment Capabilities | | | | | | PASS/FAIL | |
| Qualification Status | | | | | QUALIFIED/Not Qualified | | |

After the above mandatory documents provision the bidder shall secure at least 70 out of 100 score /marks in accordance with the evaluation criteria mentioned below and then lowest evaluated responsive bid will be considered for award of contract:

| Technical Evaluation Score After Mandatory Criteria | | |
|---|--|---|
| Evaluation Criteria | Sub-Criteria | Points/Marks |
| Specific Experience | Experience in Healthcare Projects | 15 |
| | Completed similar projects worth 1 B or above | 5 Marks per project up to 3 projects |
| | Completed similar projects of worth 300M to 999 M | 1 Mark Per Project up to 10 projects |
| Project Management and Staffing (After mandatory qualification and experience fulfilment as mentioned above, relevant marking amongst the bidders will be done in this section) | Project Manager | 5 |
| | Relevant qualifications (e.g., Civil Engineering degree, PMP certification) | |
| | Qualified Civil Engineers/Site Engineer | 3 |
| | Quantity Surveyor | 3 |
| | MEP Engineer | 3 |
| | Health and Safety Engineer/officer | 2 |
| | Quality Control Inspector | 2 |
| | E&S officer | 2 |
| Financial Capability | Average Annual Turnover for Last 3 Years | 5 |
| | Minimum required Turnover is 1.5 times the required amount | Mandatory |
| | Minimum required Cash Flow is 325 million PKR | Mandatory |
| | Turnover 2 times or more | 5 |
| Methodology and Work Plan | Construction Methodology | 30 |
| | 1. Project Timeline and Work Plan | 5 |
| | 2. Resource Allocation | 5 |
| | 3. Risk Management | 3 |
| | 4. Project Phasing and Scheduling | 3 |
| | 5. Subcontractor Management | 2 |
| | 6. Quality Control and Assurance | 2 |
| | 7. Contingency Planning | 5 |
| Quality Assurance and Control | Health and Safety Plan | 5 |
| | Adherence to health and safety standards | |
| Environmental and Social Management | Environmental Management Plan | 3 |
| | Detailed plan to manage environmental impacts as per details mentioned in this SPD | |
| | Social Management Plan | 2 |
| | Measures to address social impacts and community engagement | |
| Previous Performance | Past Performance on Similar Projects | 25 |
| | Completed on time and within budget | 5 Marks for each project worth 300 M or above |
| | Quality of work | |
| | Client feedback and satisfaction | |

Note: 70% shall be the passing marks out of 100

Section IV - Bidding Forms

Table of Forms

| | |
|---|-----------|
| Letter of Bid..... | 58 |
| Schedules..... | 62 |
| Bill of Quantities | 62 |
| 1. Schedule of Payment Currencies | 63 |
| 2. Schedule(s) of Adjustment Data | 64 |
| Forms of Bid Security | 65 |
| Form of Bid Security - Bank Guarantee | 65 |
| Form of Bid Security – Bid Bond | 67 |
| Form of Bid-Securing Declaration..... | 69 |
| Technical Proposal..... | 71 |
| Technical Proposal Forms..... | 71 |
| Equipment..... | 76 |
| Site Organization | 77 |
| Method Statement | 78 |
| Mobilization Schedule | 79 |
| Construction Schedule | 80 |
| ES Management Strategies and Implementation Plans..... | 81 |
| Code of Conduct for Contractor’s Personnel (ES) Form..... | 82 |
| Others | 86 |
| Bidder’s Qualification | 87 |
| Form ELI -1.1: Bidder Information Form..... | 88 |
| Form ELI -1.2: Information Form for JV Bidders | 89 |
| Form CON – 2: Historical Contract Non-Performance, Pending Litigation and Litigation History..... | 90 |
| Form CON – 3: Environmental and Social Performance Declaration..... | 92 |
| Form CON – 4 Sexual Exploitation and Abuse (SEA) and/or Sexual Harassment Performance Declaration | 94 |
| Form CCC: Current Contract Commitments / Works in Progress..... | 96 |
| Form FIN – 3.1: Financial Situation and Performance | 97 |
| Form FIN - 3.2: Average Annual Construction Turnover | 100 |
| Form FIN - 3.3: Financial Resources..... | 101 |
| Form EXP - 4.1: General Construction Experience..... | 102 |
| Form EXP - 4.2(a): Specific Construction and Contract Management Experience | 103 |
| Form EXP - 4.2(b): Construction Experience in Key Activities..... | 105 |
| Form EXP - 4.2(c): Specific Experience in Managing ES aspects s..... | 107 |

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) **Exploitation and Abuse (SEA) and/or Sexual Harassment (SH):** *[select the appropriate option from (i) to (v) below and delete the others].*

We *[where JV, insert: "including any of our JV members"]*, and any of our subcontractors:

- i. *[have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
- ii. *[are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.]*
- iii. *[had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.]*
- iv. *[had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have subsequently provided and demonstrated that we have adequate capacity and commitment to comply with SEA and SH prevention and response obligations.]*
- v. *[had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have attached documents*

demonstrating that we have adequate capacity and commitment to comply with SEA and SH prevention and response obligations.]

(e) **Conformity:** We offer to execute in conformity with the bidding document the following Works: [insert a brief description of the Works]

(f) **Bid Price:** The total price of our Bid, excluding any discounts offered in item (f) below is: [Insert one of the options below as appropriate]

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

Or

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

(g) **Discounts:** The discounts offered and the methodology for their application are:

(i) The discounts offered are: [Specify in detail each discount offered.]

(ii) The exact method of calculations to determine the net price after application of discounts is shown below: [Specify in detail the method that shall be used to apply the discounts];

(h) **Bid Validity:** Our Bid shall be valid until **120 Days**, and it shall remain binding upon us and may be accepted at any time on or before this date;

(i) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security [and an Environmental and Social (ES) Performance Security, **Delete if not applicable**] in accordance with the bidding document;

(j) **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;

(k) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Employer's Country laws or official regulations or pursuant to a decision of the United Nations Security Council;

- (l) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITB 4.6];*
- (m) **Commissions, gratuities 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.”)

- (n) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (o) **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;
- (p) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption; and
- (q) **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
Bill of Quantities
Attached at Annex-I

2. Schedule of Payment Currencies

Not Applicable

Forinsert name of Section of the Works

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

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

3. Schedule(s) of Adjustment Data

Not Applicable

Table A - Local Currency

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

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

Table B - Foreign Currency

Name of Currency: _____

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

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

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

Forms 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 prior to the Bid validity expiry date specified by the Applicant in the Letter of Bid, or any extended date provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary prior to the expiry date of the Bid validity or any extension thereto provided by the Applicant, (i) fails to execute the contract agreement or (ii) fails to furnish the performance security and, if required, the Environmental and Social (ES) Performance Security, in accordance with the Instructions to Bidders ("ITB") of the Beneficiary's bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the contract agreement signed by the Applicant and the performance security and, if

required, the Environmental and Social (ES) 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 expiry date of the Bid validity.

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

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

[signature(s)]

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

Form of Bid Security – Bid Bond

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

BOND NO. _____

BY THIS BOND *[name of Bidder]* as Principal (hereinafter called “the Principal”), and *[name, legal title, and address of surety]*, authorized to transact business in *[name of country of Employer]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto *[name of Employer]* as Obligee (hereinafter called “the Employer”) in the sum of *[amount of Bond]*¹ *[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a written Bid to the Employer dated the ____ day of _____, 20__, for the execution of *[name of Contract]* (hereinafter called the “Bid”).

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

- (a) has withdrawn its Bid prior to the Bid validity expiry date set forth in the Principal’s Letter of Bid or any extended date provided by the Principal; or
- (b) having been notified of the acceptance of its Bid by the Employer prior to the expiry date of the Bid validity or any extension thereto provided by the Principal: (i) failed to execute the contract agreement; or (ii) has failed to furnish the Performance Security and, if required, the Environmental and Social (ES) Performance Security, in accordance with the Instructions to Bidders (“ITB”) of the Employer’s bidding document.

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

¹ The amount of the Bond shall be denominated in the currency of the Employer’s country or the equivalent amount in a freely convertible currency.

The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 28 days after the date of expiration Bid validity set forth in the Principal's Letter of Bid or any extension thereto provided by the Principal.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this _____ day of _____ 20_.

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

(Signature)

(Printed name and title)

(Signature)

(Printed name and title)

Form of Bid-Securing Declaration

NOT APPLICABLE

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

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

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

To: *[insert complete name of Employer]*

We, the undersigned, declare that:

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

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

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

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

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

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

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

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

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

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

****:** Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid *[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]*

Technical Proposal

Technical Proposal Forms

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

FORM PER -1

Key Personnel Schedule

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

Key Personnel

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

| | | |
|-----------|---|---|
| | Duration of appointment: | <i>[insert the whole period (start and end dates) for which this position will be engaged]</i> |
| | Time commitment for this position: | <i>[insert the number of days/week/months/ that has been scheduled for this position]</i> |
| | Expected time schedule for this position: | <i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i> |
| 5. | Title of position: Sexual Exploitation, Abuse and Harassment Expert <i>[Where a Project SEA risks are assessed to be substantial or high, Key Personnel shall include an expert with relevant experience in addressing sexual exploitation, sexual abuse and sexual harassment cases]</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> |
| 6. | 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]

E&S Management Strategies and Implementation Plans

(E&S-MSIP)

The Bidder shall submit comprehensive and concise Environmental and Social Management Strategies and Implementation Plans (E&S-MSIP) or Contractor Environmental and Social Management Plans (C-ESMP) for the package as required by ITB 11.1 (i) of the Bid Data Sheet. The C-ESMP shall be prepared by considering facility specific ESMP (attached as Annex-11) as framework and by following the management and implementation measures set out in the District ESMP. 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 E&S provisions of the contract including those as may be more fully described in the Works Requirements in Section VII.

Code of Conduct for Contractor's Personnel (E&S) Form

Note to the Employer:

The following minimum requirements shall not be modified. The Employer may add additional requirements to address identified issues, informed by relevant environmental and social assessment.

The types of issues identified could include risks associated with: labor influx, spread of communicable diseases, and Sexual Exploitation and Abuse (SEA), Sexual Harassment (SH) etc.

Delete this Box prior to issuance of the bidding documents.

Note to the Bidder:

The minimum content of the Code of Conduct form as set out by the Employer shall not be substantially modified. However, the Bidder may add requirements as appropriate, including to take into account Contract-specific issues/risks.

The Bidder shall initial and submit the Code of Conduct form as part of its bid.

CODE OF CONDUCT FOR CONTRACTOR'S PERSONNEL

We are the Contractor, [enter name of Contractor]. We have signed a contract with [enter name of Employer] for [enter description of the Works]. These Works will be carried out at [enter the Site and other locations where the Works will be carried out]. Our contract requires us to implement measures to address environmental and social risks related to the Works, including the risks of sexual exploitation, sexual abuse and sexual harassment.

This Code of Conduct is part of our measures to deal with environmental and social risks related to the Works. It applies to all our staff, laborers and other employees at the Works Site or other places where the Works are being carried out. It also applies to the personnel of each subcontractor and any other personnel assisting us in the execution of the Works. All such persons are referred to as “**Contractor's Personnel**” and are subject to this Code of Conduct.

This Code of Conduct identifies the behavior that we require from all Contractor's Personnel.

Our workplace is an environment where unsafe, offensive, abusive or violent behavior will not be tolerated and where all persons should feel comfortable raising issues or concerns without fear of retaliation.

REQUIRED CONDUCT

Contractor's Personnel shall:

1. carry out his/her duties competently and diligently;

2. comply with this Code of Conduct and all applicable laws, regulations and other requirements, including requirements to protect the health, safety and well-being of other Contractor's Personnel and any other person;
3. maintain a safe working environment including by:
 - a. ensuring that workplaces, machinery, equipment and processes under each person's control are safe and without risk to health;
 - b. wearing required personal protective equipment;
 - c. using appropriate measures relating to chemical, physical and biological substances and agents; and
 - d. following applicable emergency operating procedures.
4. report work situations that he/she believes are not safe or healthy and remove himself/herself from a work situation which he/she reasonably believes presents an imminent and serious danger to his/her life or health;
5. treat other people with respect, and not discriminate against specific groups such as women, people with disabilities, migrant workers or children;
6. not engage in Sexual Harassment, which means unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature with other Contractor's or Employer's Personnel;
7. not engage in Sexual Exploitation, which means any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;
8. not engage in Sexual Abuse, which means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;
9. not engage in any form of sexual activity with individuals under the age of 18, except in case of pre-existing marriage;
10. complete relevant training courses that will be provided related to the environmental and social aspects of the Contract, including on health and safety matters, and Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH);
11. report violations of this Code of Conduct; and
12. not retaliate against any person who reports violations of this Code of Conduct, whether to us or the Employer, or who makes use of the grievance mechanism for Contractor's Personnel or the project's Grievance Redress Mechanism.

RAISING CONCERNS

If any person observes behavior that he/she believes may represent a violation of this Code of Conduct, or that otherwise concerns him/her, he/she should raise the issue promptly. This can be done in either of the following ways:

1. Contact [*enter name of the Contractor's Social Expert with relevant experience in handling gender-based violence, or if such person is not required under the Contract,*

another individual designated by the Contractor to handle these matters] in writing at this address [] or by telephone at [] or in person at []; or

2. Call [] to reach the Contractor's hotline (*if any*) and leave a message.

The person's identity will be kept confidential, unless reporting of allegations is mandated by the country law. Anonymous complaints or allegations may also be submitted and will be given all due and appropriate consideration. We take seriously all reports of possible misconduct and will investigate and take appropriate action. We will provide warm referrals to service providers that may help support the person who experienced the alleged incident, as appropriate.

There will be no retaliation against any person who raises a concern in good faith about any behavior prohibited by this Code of Conduct. Such retaliation would be a violation of this Code of Conduct.

CONSEQUENCES OF VIOLATING THE CODE OF CONDUCT

Any violation of this Code of Conduct by Contractor's Personnel may result in serious consequences, up to and including termination and possible referral to legal authorities.

FOR CONTRACTOR'S PERSONNEL:

I have received a copy of this Code of Conduct written in a language that I comprehend. I understand that if I have any questions about this Code of Conduct, I can contact [*enter name of Contractor's contact person with relevant experience*] requesting an explanation.

Name of Contractor's Personnel: [insert name]

Signature: _____

Date: (day month year): _____

Countersignature of authorized representative of the Contractor:

Signature: _____

Date: (day month year): _____

ATTACHMENT 1: Behaviors constituting Sexual Exploitation and Abuse (SEA) and behaviors constituting Sexual Harassment (SH)

ATTACHMENT 1 TO THE CODE OF CONDUCT FORM
BEHAVIORS CONSTITUTING SEXUAL EXPLOITATION AND ABUSE (SEA) AND
BEHAVIORS CONSTITUTING SEXUAL HARASSMENT (SH)

The following non-exhaustive list is intended to illustrate types of prohibited behaviors:

(1) Examples of sexual exploitation and abuse include, but are not limited to:

- A Contractor's Personnel tells a member of the community that he/she can get them jobs related to the work site (e.g. cooking and cleaning) in exchange for sex.
- A Contractor's Personnel that is connecting electricity input to households says that he can connect women headed households to the grid in exchange for sex.
- A Contractor's Personnel rapes, or otherwise sexually assaults a member of the community.
- A Contractor's Personnel denies a person access to the Site unless he/she performs a sexual favor.
- A Contractor's Personnel tells a person applying for employment under the Contract that he/she will only hire him/her if he/she has sex with him/her.

(2) Examples of sexual harassment in a work context

- Contractor's Personnel comment on the appearance of another Contractor's Personnel (either positive or negative) and sexual desirability.
- When a Contractor's Personnel complains about comments made by another Contractor's Personnel on his/her appearance, the other Contractor's Personnel comment that he/she is "asking for it" because of how he/she dresses.
- Unwelcome touching of a Contractor's or Employer's Personnel by another Contractor's Personnel.
- A Contractor's Personnel tells another Contractor's Personnel that he/she will get him/her a salary raise, or promotion if he/she sends him/her naked photographs of himself/herself.

Others

Bidder's Qualification

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

Form ELI -1.1: Bidder Information Form

Date: _____

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:

[indicate country of Constitution]

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

- ☐ 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.
- ☐ In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1.
- ☐ In case of state-owned enterprise or institution, in accordance with ITB 4.6 documents establishing:
 - Legal and financial autonomy
 - Operation under commercial law
 - Establishing that the Bidder is not under the supervision of the Employer

2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership. *[If required under BDS ITB 47.1, the successful Bidder shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.]*

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 47.1, 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> <input type="checkbox"/> Contract(s) not performed since 1 st January <i>[insert year]</i> | | | |
| Year | Non-performed portion of contract | Contract Identification | Total Contract Amount (current value, currency, exchange rate and US\$ equivalent) |
| <i>[insert year]</i> | <i>[insert amount and percentage]</i> | Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for 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 <input type="checkbox"/> Pending litigation. | | | |

| Year of dispute | Amount in dispute (currency) | Contract Identification | Total Contract Amount (currency), USD Equivalent (exchange rate) |
|---|---|---|---|
| | | 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 <input type="checkbox"/> Litigation History | | | |
| Year of award | Outcome as percentage of Net Worth | Contract Identification | Total Contract Amount (currency), USD Equivalent (exchange rate) |
| <i>[insert year]</i> | <i>[insert percentage]</i> | Contract Identification: [indicate complete contract name, number, and any other identification] 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 and Social Performance Declaration

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

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

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

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

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

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

| Environmental and Social Performance Declaration in accordance with Section III, Evaluation and Qualification Criteria | | | |
|--|---|--|--|
| <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, or Social (ES) 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, or Social (ES) performance since the date specified in Section III, Evaluation and Qualification Criteria, Sub-Factor 2.5. Details are described below: | | | |
| Year | Suspended or terminated portion of contract | Contract Identification | Total Contract Amount (current value, currency, exchange rate and US\$ equivalent) |
| <i>[insert year]</i> | <i>[insert amount and percentage]</i> | Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s) e.g. for gender-based violence; sexual exploitation or sexual abuse breaches]</i> | <i>[insert amount]</i> |
| <i>[insert year]</i> | <i>[insert amount and percentage]</i> | Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> | <i>[insert amount]</i> |

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

Form CON – 4

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

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

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

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

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

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

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

| |
|---|
| SEA and/or SH Declaration in accordance with Section III, Evaluation and Qualification Criteria |
| <p style="text-align: center;">We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.</p> <p><input type="checkbox"/> (d) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have subsequently demonstrated that we have adequate capacity and commitment to comply with SEA/ SH obligations.</p> <p><input type="checkbox"/> (e) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have attached evidence demonstrating that we have adequate capacity and commitment to comply with SEA/ SH obligations.</p> |
| <p style="text-align: center;">[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</p> |
| <p style="text-align: center;">[If (d) or (e) above are applicable, provide the following information:]</p> |
| <p style="text-align: center;">Period of disqualification: From: _____ To: _____</p> |
| <p style="text-align: center;">If previously provided on another Bank financed works contract, details of evidence that demonstrated adequate capacity and commitment to comply with SEA/ SH obligations (as per (d) above)</p> <p style="text-align: center;">Name of Employer: _____</p> <p style="text-align: center;">Name of Project: _____</p> <p style="text-align: center;">Contract description: _____</p> |

Brief summary of evidence provided: _____

Contact Information: (Tel, email, name of contact person): _____

As an alternative to the evidence under (d), other evidence demonstrating adequate capacity and commitment to comply with SEA/ SH obligations (as per (e) above) [attach details as appropriate].

Form CCC: Current Contract Commitments / Works in Progress

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

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

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 (currency) | Historic information for previous _____ years, _____ (amount in currency, currency, exchange rate, USD equivalent) | | | | |
|--|---|--------|--------|--|--|
| | 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 (US\$ equivalent) |
|-----|-------------------|--------------------------|
| 1 | | |
| 2 | | |
| 3 | | |
| | | |

3. Financial documents

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

(a) reflect the financial situation of the Bidder or in case of JV member , and not an affiliated entity (such as parent company or group member).

(b) be independently audited or certified in accordance with local legislation.

(c) be complete, including all notes to the financial statements.

(d) correspond to accounting periods already completed and audited.

☐ Attached are copies of financial statements² for the _____ years required above; and complying with the requirements

² If the most recent set of financial statements is for a period earlier than 12 months from the date of bid, the reason for this should be justified.

Form FIN - 3.2: Average Annual Construction Turnover

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

RFB No. and title: _____

Page _____ of _____ pages

| | | Annual turnover data (construction only) | |
|--|--|--|----------------|
| Year | Amount Currency | Exchange rate | USD 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 FIN - 3.3: Financial Resources

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

| Source of financing | Amount (US\$ equivalent) |
|---------------------|--------------------------|
| 1. | |
| 2. | |
| 3. | |
| 4. | |

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(a): 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 | | | US\$ * | |
| 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(a) (cont.)
Specific Construction and Contract Management Experience
(cont.)

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

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

Bidder's Name: _____

Date: _____

Joint Venture Member's Name _____

Subcontractor's Name³ (as per ITB 34.2 and 34.3): _____

RFB No. and title: _____

Page _____ of _____ pages

Subcontractor's Name (as per ITB 34.2 and 34.3): _____

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

1. Key

Activity No One: _____

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

³ If applicable.

| | | | |
|----------------------|--|--|--|
| Year 2 | | | |
| Year 3 | | | |
| Year 4 | | | |
| Employer's Name: | | | |
| Address: | | | |
| Telephone/fax number | | | |
| E-mail: | | | |

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

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

2. Activity No. Two

3.

Form EXP - 4.2(c): Specific Experience in Managing E&S aspects

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

Bidder's Name: _____
 Date: _____
 Bidder's JV Member Name: _____
 RFB No. and title: _____
 Page _____ of _____ pages

1. Key Requirement no 1 in accordance with 4.2 (c): _____

| | | | | |
|--------------------------------|--|--|---|---|
| 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"/> | Subcontractor <input type="checkbox"/> |
| Total Contract Amount | | | US\$ | |
| Details of relevant experience | | | | |

2. Key Requirement no 2 in accordance with 4.2 (c): _____

3. Key Requirement no 3 in accordance with 4.2 (c): _____

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 : None

Under ITB 4.8 (b) and 5.1 : None

Section VI - Fraud and Corruption

(Section VI shall not be modified)

1. Purpose

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

2. Requirements

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

2.2 To this end, the Bank:

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

- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;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,

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.

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.

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.

PART 2 – Works' Requirements

Section VII - Works’ Requirements

Table of Contents

Specifications..... 118

Environmental and Social Requirements 119

Key Personnel..... 121

Drawings 124

Supplementary Information 125

Specification

The Specifications of Communication & Works Department, Government of Khyber Pakhtunkhwa will be followed.

“Equivalency of Standards and Codes

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified shall be accepted subject to the Project Manager's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Project Manager at least 28 days prior to the date when the Contractor desires the Project Manager's consent. In the event the Project Manager determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.”

[These Notes for Preparing Specification are intended only as information for the Employer or the person drafting the bidding document. They should not be included in the final documents]

Environmental and Social Requirements

DISTRICT ESMP ID ATTACHED AS ANNEX-II

The Bidder shall assess all the E&S impacts associated with awarded civil works on each site and submit Contractor Environmental & Social Management Plan (C-ESMP) within fifteen days (15) days of signing of the contract before commencement of civil works. (Guidance on preparation of C-ESMP is provided in district ESMP as Annexure -6). The C- ESMPs must be reviewed and approved by E&S team of D&CSF and KPHCIP PMU before implementation. These strategies and Contractor Environmental & Social Management Plans(C-ESMPs) shall describe in detail the E&S safeguards implementation requirements and actions, sub-plans, institutional requirements for implementation of E&S mitigation measures, materials, equipment/machinery, management processes, Occupational & Community Health& Safety training requirements, monitoring and reporting requirements, budget/costrequirements for implementation of C-ESMP mitigation measures etc. that will be implemented by the Contractor, and its subcontractors.

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

PAYMENT FOR E&S REQUIREMENTS

The Employer's E&S and procurement specialists should consider how the Contractor will cost the delivery of the E&S requirements. The Contractor shall hire HSE & Social Officer for each site. A separate BOQ for ESMP required items shall be submitted. The contractor shall quote prices for each item in the ESMP BOQ for all the sites included in the package. The payment for the delivery of E&S requirements/items shall be a subsidiary obligation of the Contractor covered under the prices quoted for ESMP Bill of Quantity items or activities. Alternatively, provisional sums could be set aside for discrete activities for example for HIV counselling service, and, and, GBV/SEA awareness and sensitization awareness and sensitization or to encourage the contractor to deliver additional E&S outcomes beyond the requirement of the Contract.

Key Personnel

[Note: Insert in the following table, the minimum key specialists required to execute the contract, taking into account the nature, scope, complexity and risks of the contract.]

Key Personnel

| Item No. | Position/specialization | Relevant academic qualifications | Minimum years of relevant work experience |
|-----------------|---|---|--|
| <i>1</i> | Contractor's Representative | | |
| <i>2</i> | <i>[Environmental Officer Supervisor]</i> | Master's degree in environmental sciences or another relevant degree. | At least 3 to 5 years of relevant experience after acquiring the required qualification in managing or assisting in the management of environmental safeguards, particularly in infrastructure projects. <i>[e.g. [years] working on road contracts in similar work environments]</i> |
| <i>3</i> | <i>[Health and Safety]</i> | | |

| | | | |
|---|---|---|--|
| 4 | <i>[Social Safeguards Officer/ Monitor]</i> | <ul style="list-style-type: none">• Masters' Degree in Social Sciences, natural sciences, development studies and other related disciplines from a recognized university. | <ul style="list-style-type: none">• At least 3 to 5 years of experience; after acquiring stipulated qualification, in social development, and community development in public / private sectors preferably with donor funded projects.• Knowledge of the social issues and related mitigation measures associated with the construction and rehabilitation of social and productive infrastructure schemes. |
|---|---|---|--|

| | | | |
|---|---|--|--|
| 5 | <p>Gender Officer/ Supervisor (Sexual Exploitation, Abuse and Harassment)</p> <p><i>[Where a Project SEA risks are assessed to be substantial or high, Key Personnel shall include an expert(s) with relevant experience in addressing sexual exploitation, sexual abuse and sexual harassment cases]</i></p> | <ul style="list-style-type: none"> • Master's Degree in Gender Studies, International Development, Social Sciences, and other related disciplines (sixteen years of education) from a recognized university. Higher qualifications in the relevant field will be accorded due weightings. | <ul style="list-style-type: none"> • At least 03 to 05 years of experience; after acquiring 16 years education, in different gender aspects (gender mainstreaming, gender equality, gender-based violence etc.) on similar responsible positions in the development sector preferably in multi-sectoral community-based project/ program. • Written fluency in English and Urdu is required. Proficiency in Pashto shall be accorded due weightage. • Demonstrated Computer Skill (Proficiency in using computer desktop application MS Office (Word, Excel, and PowerPoint)) |
| 6 | <i>modify as appropriate</i> | | |

Drawings

Link for Drawings and BOQs:

https://drive.google.com/drive/folders/1_oD3CN_jInXd8BM1l8MoAJ86BA3vZAE0?usp=sharing

Supplementary Information

Not Applicable

PART 3 – Conditions of Contract and Contract Forms

Section VIII - General Conditions of Contract

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

These General Conditions of Contract have been developed on the basis of considerable international experience in the drafting and management of contracts, bearing in mind a trend in the construction industry towards simpler, more straightforward language.

The GCC can be used for both smaller admeasurement contracts and lump sum contracts.

Table of Clauses

| | | |
|-----|---|------------|
| 1. | Definitions..... | 131 |
| 2. | Interpretation..... | 134 |
| 3. | Language and Law | 135 |
| 4. | Project Manager's Decisions | 135 |
| 5. | Delegation | 135 |
| 6. | Communications | 135 |
| 7. | Subcontracting | 135 |
| 8. | Other Contractors..... | 136 |
| 9. | Personnel and Equipment | 137 |
| 10. | Employer's and Contractor's Risks | 142 |
| 11. | Employer's Risks | 142 |
| 12. | Contractor's Risks..... | 143 |
| 13. | Insurance | 143 |
| 14. | Site Data | 144 |
| 15. | Contractor to Construct the Works | 144 |
| 16. | The Works to Be Completed by the Intended Completion Date | 144 |
| 17. | Approval by the Project Manager | 145 |
| 18. | Health, Safety and Protection of the Environment | 145 |
| 19. | Archaeological and Geological Findings..... | 146 |
| 20. | Possession of the Site..... | 146 |
| 21. | Access to the Site..... | 146 |
| 22. | Instructions, Inspections and Audits | 147 |
| 23. | Appointment of the Adjudicator | 147 |
| 24. | Procedure for Disputes..... | 148 |
| 25. | Fraud and Corruption | 148 |
| 26. | Code of Conduct | 148 |
| 27. | Security of the Site..... | 149 |
| | B. Time Control..... | 149 |
| 28. | Program..... | 149 |
| 29. | Extension of the Intended Completion Date | 151 |
| 30. | Acceleration | 151 |
| 31. | Delays Ordered by the Project Manager | 151 |
| 32. | Management Meetings..... | 151 |
| 33. | Early Warning | 152 |
| | C. Quality Control | 152 |
| 34. | Identifying Defects..... | 152 |
| 35. | Tests | 152 |
| 36. | Correction of Defects | 152 |
| 37. | Uncorrected Defects..... | 153 |
| | D. Cost Control..... | 153 |

| | | |
|-----|------------------------------------|-----|
| 38. | Contract Price..... | 153 |
| 39. | Changes in the Contract Price..... | 153 |
| 40. | Variations | 153 |
| 41. | Cash Flow Forecasts | 155 |
| 42. | Payment Certificates | 156 |
| 43. | Payments | 157 |
| 44. | Compensation Events..... | 157 |
| 45. | Tax | 159 |
| 46. | Currencies | 159 |
| 47. | Price Adjustment..... | 159 |
| 48. | Retention..... | 160 |
| 49. | Liquidated Damages | 160 |
| 50. | Bonus | 161 |
| 51. | Advance Payment | 161 |
| 52. | Securities..... | 161 |
| 53. | Dayworks | 162 |
| 54. | Cost of Repairs..... | 162 |

E. Finishing the Contract 162

| | | |
|-----|---|-----|
| 55. | Completion..... | 162 |
| 56. | Taking Over | 162 |
| 57. | Final Account..... | 162 |
| 58. | Operating and Maintenance Manuals | 162 |
| 59. | Termination..... | 163 |
| 60. | Payment upon Termination..... | 164 |
| 61. | Property..... | 164 |
| 62. | Release from Performance | 164 |
| 63. | Suspension of Bank Loan or Credit | 165 |

General Conditions of Contract

A. General

1. Definitions

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 Clause 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 55.1.
- (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) “**Dayworks**” 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 GCC Sub-Clause 36.1 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**.
- (ii) **“Contractor’s Personnel”** refers to all personnel whom the Contractor utilizes on the Site or other places where the Works are carried out, including the staff, labor and other employees of each Subcontractor.
- (jj) **“Key Personnel”** means the positions (if any) of the Contractor’s personnel that are stated in the Specification.
- (kk) **“ES”** means Environmental and Social (including Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH);
- (ll) **“Sexual Exploitation and Abuse” “(SEA)”** means the following:

“Sexual Exploitation” is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;

“Sexual Abuse” is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;

(mm) **“Sexual Harassment” “(SH)”** is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Contractor’s Personnel with other Contractor’s or Employer’s Personnel; and

(nn) **“Employer’s Personnel”** refers to the Project Manager and all other staff, labor and other employees (if any) of the Project Manager and of the Employer engaged in fulfilling the Employer’s obligations under the Contract; and any other personnel identified as Employer’s Personnel, by a notice from the Employer or the Project Manager to the Contractor.

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) Specification,
- (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. The Contractor shall require that its Subcontractors execute the Works in accordance with the
-

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

Contract, including complying with the relevant ES requirements and the obligations set out in Sub-Clause 26.1 of the General Conditions of Contract.

- 7.2 Submission by the Contractor for approval of the Project Manager, addition of any Subcontractor not named in the Contract, shall also include the Subcontractor's declaration in accordance with Appendix C- Sexual exploitation and Abuse (SEA) and/or Sexual Harassment (SH) Performance Declaration

8. Other Contractors

- 8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of Other Contractors, as **referred to in the PCC**. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification.

9. Personnel and Equipment

- 9.1 The Contractor shall employ the Key Personnel and use the Equipment identified in its Bid, to carry out the Works or other personnel and Equipment approved by the Project 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 The Project Manager may require the Contractor to remove (or cause to be removed) any person employed on the Site or Works, including the Key Personnel (if any), who:
- (a) persists in any misconduct or lack of care;
 - (b) carries out duties incompetently or negligently;
 - (c) fails to comply with any provision of the Contract;
 - (d) persists in any conduct which is prejudicial to safety, health, or the protection of the environment;
 - (e) based on reasonable evidence, is determined to have engaged in Fraud and Corruption during the execution of the Works;
 - (f) has been recruited from the Employer's Personnel;
 - (g) undertakes behavior which breaches the Code of Conduct for Contractor's Personnel (ES).

If appropriate, the Contractor shall then promptly appoint (or cause to be appointed) a suitable replacement with equivalent skills and experience.

Notwithstanding any requirement from the Project Manager to remove or cause to remove any person, the Contractor shall take immediate action as appropriate in response to any violation of (a) through (g) above. Such immediate action shall include removing (or causing to be removed) from the Site or other places where the Works are being carried out, any Contractor's Personnel who engages in (a), (b), (c), (d), (e) or (g) above or has been recruited as stated in (f) above.

9.3 Labor

- 9.3.1 *Engagement of Staff and Labor.* The Contractor shall provide and employ on the Site for the execution of the Works such skilled, semi-skilled and unskilled labor as is necessary for the proper and timely execution of the Contract. The Contractor is encouraged, to the extent practicable and reasonable, to employ staff and labor with appropriate qualifications and experience from sources within the Country.

Unless otherwise provided in the Contract, the Contractor shall be responsible for the recruitment, transportation, accommodation and welfare facilities in accordance with GCC Sub-Clause 9.3.6, of the Contractor's Personnel, and for all payments in connection therewith.

- 9.3.2 *Conditions of Labor.* The Contractor shall pay rates of wages, and observe conditions of labor, which comply with all applicable laws. The Contractor shall inform the Contractor's Personnel about their liability to pay personal income taxes in the Country in respect of such of their salaries, wages, allowances and any benefits as are subject to tax under the Laws of the Country for the time being in force, and the Contractor shall perform such duties in regard to such deductions thereof as may be imposed on him by such Laws.
- 9.3.3 The Contractor may bring into the Country any foreign personnel who are necessary for the execution of the Works to the extent allowed by the applicable Laws. The Contractor shall ensure that these personnel are provided with the required residence visas and work permits. The Employer will, if requested by the Contractor, use its best endeavors in a timely and expeditious manner to assist the Contractor in obtaining any local, state, national, or government permission required for bringing in the Contractor's personnel.
- 9.3.4 The Contractor shall at its own expense provide the means of repatriation to and the Contractor's Personnel employed on the Contract at the Site to their various home countries. It shall also provide suitable temporary maintenance of all such persons from the cessation of their employment on the Contract to the date programmed for their departure. In the event that the Contractor defaults in providing such means of transportation and temporary maintenance, the Employer may provide the same to such personnel and recover the cost of doing so from the Contractor.
- 9.3.5 *Disorderly conduct.* The Contractor shall at all times during the progress of the Contract use its best endeavors to prevent any unlawful, riotous or disorderly conduct or behavior by or amongst the Contractor's Personnel.
- 9.3.6 *Facilities for Staff and Labor.* Except as otherwise stated in the Specification, the Contractor shall provide and maintain all necessary accommodation and welfare facilities for the Contractor's Personnel. The Contractor shall also provide facilities for the Employer's Personnel as stated in the Specification.

- 9.3.7 The Contractor shall, in all dealings with the Contractor's Personnel, pay due regard to all recognized festivals, official holidays, religious or other customs and all local laws and regulations pertaining to the employment of labor. The Contractor shall provide the Contractor's Personnel annual holiday and sick, maternity and family leave, as required by applicable laws or as stated in the Specification.
- 9.3.8 *Supply of Foodstuffs.* The Contractor shall arrange for the provision of a sufficient supply of suitable food as may be stated in the Specification at reasonable prices for the Contractor's Personnel for the purposes of or in connection with the Contract.
- 9.3.9 *Supply of Water.* The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor's Personnel.
- 9.3.10 *Measures against Insect and Pest Nuisance.* The Contractor shall at all times take the necessary precautions to protect the Contractor's Personnel employed on the Site from insect and pest nuisance, and to reduce the danger to their health. The Contractor shall comply with all the regulations of the local health authorities, including use of appropriate insecticide.
- 9.3.11 *Alcoholic Liquor or Drugs.* The Contractor shall not, otherwise than in accordance with the laws of the Country, import, sell, give, barter or otherwise dispose of any alcoholic liquor or drugs, or permit or allow importation, sale, gift, barter or disposal thereto by Contractor's Personnel.
- 9.3.12 *Arms and Ammunition.* The Contractor shall not give, barter, or otherwise dispose of, to any person, any arms or ammunition of any kind, or allow Contractor's Personnel to do so.
- 9.3.13 *Funeral Arrangements.* The Contractor shall be responsible, to the extent required by local regulations, for making any funeral arrangements for any of its local employees who may die while engaged upon the Works.
- 9.3.14 *Forced Labor.* The Contractor, including its Subcontractors, shall not employ or engage forced labor. Forced labor consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labor, such as indentured labor, bonded labor or similar labor-contracting arrangements.

No persons shall be employed or engaged who have been subject to trafficking. Trafficking in persons is defined as the recruitment, transportation, transfer, harboring or receipt of persons by means of the threat or use of force or other forms of coercion, abduction, fraud, deception, abuse of power, or of a

position of vulnerability, or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purposes of exploitation.

- 9.3.15 *Child Labor.* The Contractor, including its Subcontractors, shall not employ or engage a child under the age of 14 unless the national law specifies a higher age (the minimum age).

The Contractor, including its Subcontractors, shall not employ or engage a child between the minimum age and the age of 18 in a manner that is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.

The Contractor including its Subcontractors, shall only employ or engage children between the minimum age and the age of 18 after an appropriate risk assessment has been conducted by the Contractor with the Project Manager's approval. The Contractor shall be subject to regular monitoring by the Project Manager that includes monitoring of health, working conditions and hours of work.

Work considered hazardous for children is work that, by its nature or the circumstances in which it is carried out, is likely to jeopardize the health, safety, or morals of children. Such work activities prohibited for children include work:

- (a) with exposure to physical, psychological or sexual abuse;
- (b) underground, underwater, working at heights or in confined spaces;
- (c) with dangerous machinery, equipment or tools, or involving handling or
- (d) transport of heavy loads;
- (e) in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or
- (f) under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.

- 9.3.16 *Employment Records of Workers.* The Contractor shall keep complete and accurate records of the employment of labor at the Site. The records shall include the names, ages, genders, hours worked, and wages paid to all workers. These records shall be summarized on a monthly basis and submitted to the project Manager.

9.3.17 *Workers' Organizations.* In countries where the relevant labor laws recognize workers' rights to form and to join workers' organizations of their choosing and to bargain collectively without interference, the Contractor shall comply with such laws. In such circumstances, the role of legally established workers' organizations and legitimate workers' representatives will be respected, and they will be provided with information needed for meaningful negotiation in a timely manner. Where the relevant labor laws substantially restrict workers' organizations, the Contractor shall enable alternative means for the Contractor's Personnel to express their grievances and protect their rights regarding working conditions and terms of employment. The Contractor shall not seek to influence or control these alternative means. The Contractor shall not discriminate or retaliate against the Contractor's Personnel who participate, or seek to participate, in such organizations and collective bargaining or alternative mechanisms. Workers' organizations are expected to fairly represent the workers in the workforce.

9.3.18 *Non-Discrimination and Equal Opportunity.* The Contractor shall not make decisions relating to the employment or treatment of Contractor's Personnel on the basis of personal characteristics unrelated to inherent job requirements. The Contractor shall base the employment of Contractor's Personnel on the principle of equal opportunity and fair treatment, and shall not discriminate with respect to any aspects of the employment relationship, including recruitment and hiring, compensation (including wages and benefits), working conditions and terms of employment, access to training, job assignment, promotion, termination of employment or retirement, and disciplinary practices.

Special measures of protection or assistance to remedy past discrimination or selection for a particular job based on the inherent requirements of the job shall not be deemed discrimination. The Contractor shall provide protection and assistance as necessary to ensure non-discrimination and equal opportunity, including for specific groups such as women, people with disabilities, migrant workers and children (of working age in accordance with GCC Sub-Clause 9.3.15).

9.3.19 *Contractor's Personnel Grievance Mechanism.* The Contractor shall have a grievance mechanism for Contractor's Personnel, and where relevant the workers' organizations stated in GCC Sub-Clause 9.3.17, to raise workplace concerns. The grievance mechanism shall be proportionate to the nature, scale, risks and impacts of the Contract. The mechanism shall address concerns

promptly, using an understandable and transparent process that provides timely feedback to those concerned in a language they understand, without any retribution, and shall operate in an independent and objective manner.

The Contractor's Personnel shall be informed of the grievance mechanism at the time of engagement for the Contract, and the measures put in place to protect them against any reprisal for its use. Measures will be put in place to make the grievance mechanism easily accessible to all Contractor's Personnel.

The grievance mechanism shall not impede access to other judicial or administrative remedies that might be available, or substitute for grievance mechanisms provided through collective agreements.

The grievance mechanism may utilize existing grievance mechanisms, providing that they are properly designed and implemented, address concerns promptly, and are readily accessible to Contractor's Personnel. Existing grievance mechanisms may be supplemented as needed with Contract-specific arrangements.

9.3.20 *Training of Contractor's Personnel.* The Contractor shall provide appropriate training to relevant Contractor's Personnel on ES aspects of the Contract, including appropriate sensitization on prohibition of SEA and SH, and health and safety training.

As stated in the Specification or as instructed by the Project Manager, the Contractor shall also allow appropriate opportunities for the relevant Contractor's Personnel to be trained on ES aspects of the Contract by the Employer's Personnel.

The Contractor shall provide training on SEA, including its prevention, to any of its personnel who has a role to supervise other Contractor's Personnel.

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 effect 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 Specification and Drawings.

16. The Works to Completed by the Intended Completion Date

16.1 The Contractor may commence execution of the Works on the **Be** 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.

16.2 The Contractor shall not carry out mobilization to the Site unless the Project Manager gives approval, an approval that shall not be unreasonably delayed, to the measures the Contractor proposes to address environmental and social risks and impacts, which at a minimum shall include applying the Management Strategies and Implementation Plans (MSIPs) and Code of Conduct for Contractor's Personnel submitted as part of the Bid and agreed as part of the Contract.

The Contractor shall submit, to the Project Manager for its approval any additional MSIPs as are necessary to manage the ES risks and impacts of ongoing Works. These MSIPs collectively comprise the Contractor's Environmental and Social Management Plan (C-ESMP). The Contractor shall review the C-ESMP, periodically (but not less than every six (6) months), and update it as required to ensure that it contains measures appropriate to the Works. The updated C-ESMP shall be submitted to the Project Manager for its approval.

17. Approval by the Project Manager

- 17.1 The Contractor shall submit Specification 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. Health, 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:
- (a) comply with all applicable health and safety regulations and Laws;
 - (b) comply with all applicable health and safety obligations specified in the Contract;
 - (c) take care for the health and safety of all persons entitled to be on the Site and other places, if any, where the Works are being executed;
 - (d) keep the Site and Works clear of unnecessary obstruction so as to avoid danger to these persons;
 - (e) provide fencing, lighting, safe access, guarding and watching of:
 - (i) the Works until the Works are taken over by the Employer; and
 - (ii) any part of the Works where the Contractor is executing outstanding works or remedying any defects during the Defects Liability Period; and
 - (f) provide any Temporary Works (including roadways, footways, guards and fences) which may be necessary, because of the execution of the Works, for the use and protection of the public and of owners and occupiers of adjacent land.
- 18.3 Protection of the environment
- The Contractor shall take all necessary measures to:
- (a) protect the environment (both on and off the Site); and

- (b) limit damage and nuisance to people and property resulting from pollution, noise and other results of the Contractor's operations and/ or activities.

The Contractor shall ensure that emissions, surface discharges, effluent and any other pollutants from the Contractor's activities shall exceed neither the values indicated in the Specification, nor those prescribed by applicable laws.

In the event of damage to the environment, property and/or nuisance to people, on or off Site as a result of the Contractor's operations, the Contractor shall agree with the Project Manager the appropriate actions and time scale to remedy, as practicable, the damaged environment to its former condition. The Contractor shall implement such remedies at its cost to the satisfaction of the Project Manager

- 19. Archaeological and Geological Findings** 19.1 All fossils, coins, articles of value or antiquity, structures, groups of structures, and other remains or items of geological, archaeological, paleontological, historical, architectural or religious interest found on the Site shall be placed under the care and custody of the Employer. The Contractor shall:

- (a) take all reasonable precautions, including fencing-off the area or site of the finding, to avoid further disturbance and prevent Contractor's Personnel or other persons from removing or damaging any of these findings;
- (b) train relevant Contractor's Personnel on appropriate actions to be taken in the event of such findings; and
- (c) implement any other action consistent with the requirements of the Specification and relevant laws.

The Contractor shall, as soon as practicable after discovery of any such finding, 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 Inspections & Audit by the Bank
- Pursuant to paragraph 2.2 e. of Appendix A to the GCC- Fraud and Corruption, the Contractor shall permit and shall cause its agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank. The Contractor's and its Subcontractors' and subconsultants' attention is drawn to GCC 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 of 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.

26. Code of Conduct

- 26.1 The Contractor shall have a Code of Conduct for the Contractor's Personnel.
- The Contractor shall take all necessary measures to ensure that each Contractor's Personnel is made aware of the Code of Conduct including specific behaviors that are prohibited, and understands the consequences of engaging in such prohibited behaviors.
- These measures include providing instructions and documentation that can be understood by the Contractor's Personnel and seeking to obtain that person's signature

acknowledging receipt of such instructions and/or documentation, as appropriate.

The Contractor shall also ensure that the Code of Conduct is visibly displayed in multiple locations on the Site and any other place where the Works will be carried out, as well as in areas outside the Site accessible to the local community and project affected people. The posted Code of Conduct shall be provided in languages comprehensible to Contractor's Personnel, Employer's Personnel and the local community.

The Contractor's Management Strategy and Implementation Plans shall include appropriate processes for the Contractor to verify compliance with these obligations.

27. Security of the Site

27.1 The Contractor shall be responsible for the security of the Site, and:

- (a) for keeping unauthorized persons off the Site;
- (b) authorized persons shall be limited to the Contractor's Personnel, the Employer's personnel, and to any other personnel identified as authorized personnel (including the Employer's other contractors on the Site), by a notice from the Employer or the Project Manager to the Contractor.

The Contractor shall (i) conduct appropriate background checks on any personnel retained to provide security; (ii) train the security personnel adequately (or determine that they are properly trained) in the use of force (and where applicable, firearms), and appropriate conduct towards Contractor's Personnel, Employer's Personnel and affected communities; and (iii) require the security personnel to act within the applicable Laws and any requirements set out in the Specification.

The Contractor shall not permit any use of force by security personnel in providing security except when used for preventive and defensive purposes in proportion to the nature and extent of the threat.

In making security arrangements, the Contractor shall also comply with any additional requirements stated in the Specification.

B. Time Control

28. Program

28.1 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. 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.

- 28.2 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.
- 28.3 The Contractor shall monitor progress of the Works and submit to the Project manager progress report and any updated Program showing the actual progress achieved and the effect of the progress achieved on the timing of the remaining Works, including any changes to the sequence of the activities, 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 lump-sum Contract, the Contractor shall provide an updated Activity Schedule within 14 days of being instructed to by the Project Manager.
- 28.4 Unless otherwise stated in the Specification, each progress report shall include the Environmental and Social (ES) metrics set out in Appendix B
- 28.5 In addition to the progress report, the Contractor shall inform the Project Manager immediately of any allegation, incident or accident in the Site, which has or is likely to have a significant adverse effect on the environment, the affected communities, the public, Employer's Personnel, or Contractor's Personnel. This includes, but is not limited to, any incident or accident causing fatality or serious injury; significant adverse effects or damage to private property; or any allegation of SEA and/or SH. In case of SEA and/or SH, while maintaining confidentiality as appropriate, the type of allegation (sexual exploitation, sexual abuse or sexual harassment), gender and age of the person who experienced the alleged incident should be included in the information.

The Contractor, upon becoming aware of the allegation, incident or accident, shall also immediately inform the Project Manager of any such incident or accident on the Subcontractors' or suppliers' premises relating to the Works which has or is likely to have a significant adverse effect on the environment, the affected communities, the public, Employer's Personnel, or Contractor's,

its Subcontractors' and suppliers' personnel. The notifications shall provide sufficient detail regarding such incidents or accidents. The Contractor shall provide full details of such incidents or accidents to the Project Manager within the timeframe agreed with the Project Manager.

The Contractor shall require its Subcontractors and suppliers (other than Subcontractors) to immediately notify the Contractor of any incidents or accidents referred to in this Subclause.

**29. Extension of
the Intended
Completion
Date**

29.1 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.

29.2 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.

30. Acceleration

30.1 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.

30.2 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.

**31. Delays
Ordered by the
Project
Manager**

31.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.

**32. Management
Meetings**

32.1 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.

32.2 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.

- 33. Early Warning** 33.1 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.
- 33.2 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

- 34. Identifying Defects** 34.1 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.
- 35. Tests** 35.1 If the Project Manager instructs the Contractor to carry out a test not specified in the Specification to check whether any work has it a Defect and the test shows that does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.
- 36. Correction of Defects** 36.1 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.
- 36.2 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.

- 37. Uncorrected Defects** 37.1 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

- 38. Contract Price²** 38.1 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.
- 39. Changes in the Contract Price³** 39.1 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.
- 39.2 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.
- 40. Variations** 40.1 All Variations shall be included in updated Programs⁴ produced by the Contractor.

² In lump-sum contracts, replace GCC Sub-Clauses 38.1 as follows:

38.1 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 39 with new GCC Sub-Clause 39.1, as follows:

39.1 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.”

- 40.2 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 Contractor shall also provide information of any ES risks and impacts of the Variation. 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.
- 40.3 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.
- 40.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.
- 40.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 40.6 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 GCC 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
- 40.7 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;
-

⁵ In lump-sum contracts, delete this paragraph.

- (b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle cost) the Employer may incur in implementing the value engineering proposal;
- (c) a description of any effect(s) of the change on performance/functionality; and
- (d) a description of the proposed work to be performed, a program for its execution and sufficient ES information to enable an evaluation of ES risks and impacts.

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

- (a) accelerates the contract completion period; or
 - (b) reduces the Contract Price or the life cycle costs to the Employer; or
 - (c) improves the quality, efficiency, safety or sustainability of the Facilities; or
 - (d) yields 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:

- (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.

41. Cash Flow Forecasts

- 41.1 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

⁶ In lump-sum contracts, add “or Activity Schedule” after “Program.”

Contract, converted as necessary using the Contract exchange rates.

**42. Payment
Certificates**

- 42.1 The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
- 42.2 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- 42.3 The value of work executed shall be determined by the Project Manager.
- 42.4 The value of work executed shall comprise the value of the quantities of work in the Bill of Quantities that have been completed.⁷
- 42.5 The value of work executed shall include the valuation of Variations and Compensation Events.
- 42.6 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.
- 42.7 If the Contractor was, or is, failing to perform any ES 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:
 - (a) failure to comply with any ES 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

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."

waste, damage to archeology or cultural heritage features, air pollution as a result of unauthorized and/or inefficient combustion;

- (b) failure to regularly review C-ESMP and/or update it in a timely manner to address emerging ES issues, or anticipated risks or impacts;
- (c) failure to implement the C-ESMP e.g. failure to provide required training or sensitization;
- (d) failing to have appropriate consents/permits prior to undertaking Works or related activities;
- (e) failure to submit ES report/s (as described in Appendix B), or failure to submit such reports in a timely manner;

failure to implement remediation as instructed by the Project Manager within the specified timeframe (e.g. remediation addressing non-compliance/s).

43. Payments

- 43.1 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.
- 43.2 If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute.
- 43.3 Unless otherwise stated, all payments and deductions shall be paid or charged in the proportions of currencies comprising the Contract Price.
- 43.4 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.

44. Compensation Events

- 44.1 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, Specification, 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.
- 44.2 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.
- 44.3 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.

- 44.4 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.

45. Tax

- 45.1 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 47.

46. Currencies

- 46.1 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.

47. Price Adjustment

- 47.1 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,

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

respectively, of the Contract Price payable in that specific currency “c;” and

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

47.2 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.

48. Retention

48.1 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.

48.2 Upon the issue of a Certificate of Completion of the Works by the Project Manager, in accordance with GCC Sub-Clause 55.1, 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.

49. Liquidated Damages

49.1 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.

49.2 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

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.

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 43.1.

50. Bonus

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

51. Advance Payment

- 51.1 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.
- 51.2 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.
- 51.3 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.

52. Securities

- 52.1 The Performance Security, and if so **specified in the PCC** an environmental and social (ES) 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 Certificate of Completion in the case of a Performance Bond.

- 53. Dayworks**
- 53.1 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.
- 53.2 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.
- 53.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.
- 54. Cost of Repairs**
- 54.1 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

- 55. Completion**
- 55.1 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.
- 56. Taking Over**
- 56.1 The Employer shall take over the Site and the Works within seven days of the Project Manager's issuing a certificate of Completion.
- 57. Final Account**
- 57.1 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.
- 58. Operating and Maintenance Manuals**
- 58.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates **stated in the PCC**.

58.2 If the Contractor does not supply the Drawings and/or manuals by the dates **stated in the PCC** pursuant to GCC Sub-Clause 60.1, 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.

59. Termination

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

59.2 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 amount of liquidated damages can be paid, as **defined in the PCC**; or
- (h) if the Contractor, in the judgment of the Employer has engaged in 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.

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

59.4 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.

59.5 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 59.2 above, the Project Manager shall decide whether the breach is fundamental or not.

60. Payment upon Termination

60.1 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 less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as **specified in the PCC**. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer.

60.2 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.

61. Property

61.1 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.

62. Release from Performance

62.1 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.

**63. Suspension of
Bank Loan or
Credit**

- 63.1 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 GCC Sub-Clause 43.1, 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 misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;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,

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

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.

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 and Social (ES) Metrics for Progress Reports

Metrics for regular reporting:

- a. *environmental incidents or non-compliances with contract requirements, including contamination, pollution or damage to ground or water supplies;*
- b. *health and safety incidents, accidents, injuries that require treatment and all fatalities;*
- c. *interactions with regulators: identify agency, dates, subjects, outcomes (report the negative if none);*
- d. *status of all permits and agreements:*
 - i. *work permits: number required, number received, actions taken for those not received;*
 - ii. *status of permits and consents:*
 - *list areas 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. 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.;
 - ii. actions taken to recommend/require improved conditions, or to improve conditions.
- g. *Health services: 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 locals): number of female workers (if any), 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 communicable diseases (including STDs) sensitization and/or training, no. workers receiving training (in the reporting period and in the past); same questions for gender sensitization, flag person training.
 - iv. number and date of SEA and SH prevention sensitization and/or training events, including number of workers receiving training on Code of Conduct for Contractor's Personnel (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 (sub-project section, work camp (if any), accommodations (if any), 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: work camp (if any), accommodations (if any), borrow areas (if any), spoil areas, 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)/ or relevant designated officer: 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. number of allegations of SEA and SH) received in the reporting period and number of unresolved past grievances by date received, complainant's age and sex, 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, road safety and vehicles/equipment*:
 - i. traffic and road safety incidents and accidents involving project vehicles & equipment: provide date, location, damage, cause, follow-up;
 - ii. traffic and road safety incidents and 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 bowlers, 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, 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. spill clean-ups, if any: material spilled, location, amount, actions taken, material disposal (report all spills that result in water or soil contamination);
- v. waste management: types and quantities generated and managed, including amount taken off-site (and by whom) or reused/recycled/disposed on-site;
- vi. details of tree plantings and other mitigations required undertaken in the reporting period;
- vii. 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 (executions), 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 SEA and SH 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.

APPENDIX C

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

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

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

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

Contract reference *[insert contract reference]*

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

| SEA and/or SH Declaration |
|---|
| <p>We:</p> <p><input type="checkbox"/> (a) have not been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (b) are subject to disqualification by the Bank for non-compliance with SEA/ SH obligations.</p> <p><input type="checkbox"/> (c) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations. An arbitral award on the disqualification case has been made in our favor.</p> <p><input type="checkbox"/> (d) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have subsequently demonstrated that we have adequate capacity and commitment to comply with SEA /SH obligations.</p> <p><input type="checkbox"/> (e) had been subject to disqualification by the Bank for non-compliance with SEA/ SH obligations for a period of two years. We have attached specific evidence demonstrating that we have adequate capacity and commitment to comply with SEA and SH obligations.</p> |
| <p><i>[If (c) above is applicable, attach evidence of an arbitral award reversing the findings on the issues underlying the disqualification.]</i></p> |
| <p><i>[If (d) or (e) above are applicable, provide the following information:]</i></p> |
| <p>Period of disqualification: From: _____ To: _____</p> |
| <p>If previously provided on another Bank financed works contract, details of evidence that demonstrated adequate capacity and commitment to comply with SEA/SH obligations (as per (d) above)</p> <p style="margin-left: 40px;">Name of Employer: _____</p> <p style="margin-left: 40px;">Name of Project: _____</p> <p style="margin-left: 40px;">Contract description: _____</p> <p style="margin-left: 40px;">Brief summary of evidence provided: _____</p> |

| |
|--|
| <p>_____</p> <p>Contact Information: (Tel, email, name of contact person): _____</p> <p>_____</p> |
| <p>As an alternative to the evidence under (d), other evidence demonstrating adequate capacity and commitment to comply with SEA/SH obligations (as per (e) above)) <i>[attach details as appropriate]</i>.</p> <p>_____</p> <p>_____</p> <p>_____</p> |

Name of the Subcontractor _____

Name of the person duly authorized to sign on behalf of the Subcontractor _____

Title of the person signing on behalf of the Subcontractor _____

Signature of the person named above _____

Date signed _____ day of _____,

Countersignature of authorized representative of the Contractor:

Signature: _____

Date signed _____ day of _____, _____

Section IX - Particular Conditions of Contract

| A. General | |
|----------------------|---|
| GCC 1.1 (d) | The financing institution is: The World Bank |
| GCC 1.1 (r) | The Employer is: Project Director Khyber Pakhtunkhwa Human Capital Investment Project (KP-HCIP) (Health-Component) |
| GCC 1.1 (v) | <p>The Completion Date for the Civil Works in all respects shall be as follows: <u>10 Months</u> (starting from 30th July 2025 and ending on 30th May 2026)</p> <ul style="list-style-type: none"> Any contractor proposing timelines beyond 10 shall be declared technically disqualified. Penalty of 0.5% of the total contract value shall be imposed for each single day delay up to 10% of contract price. Beyond that, the contractor will be processed for blacklisting and performance security shall be forfeited. |
| GCC 1.1 (v-1) | a)- The Contractor is liable to work on all sites simultaneously which are included (03 Cat-D Hospitals each in one project district, Peshawar, Swabi and Haripur). |
| GCC 1.1 (y) | <p>The Project Manager is Infrastructure Specialist of KP-HCIP facilitated by Resident Engineer of M/S Asian Consulting Services</p> <p>The authorized representative is Mr. Hammad, Infrastructure Specialist, Khyber Pakhtunkhwa Human Capital Investment Project, House No. 240 Defense Colony shami road, Peshawar, Pakistan.</p> |
| GCC 1.1 (aa) | The Site is located at Peshawar, Swabi and Haripur, Khyber Pakhtunkhwa, Pakistan and as defined in GCC 14.1. |
| GCC 1.1 (dd) | The Start Date shall be within 07 Days of signing of the Contract. |
| GCC 1.1 (hh) | The Works consist of Reconstruction and rehabilitation of CEmONC Facilities in 03 Cat-D Hospitals of Project Districts (One each in Peshawar, Swabi and Haripur). |
| GCC 2.2 | Sectional Completions are: N/A |
| GCC 2.3(i) | The following documents also form part of the Contract: Contract Negotiation Committee Meeting Minutes Variation Order, if any. |
| 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 5.1 | The Project manager of the contractor can not delegate any of his duties and responsibilities. |
| GCC 8.1 | Schedule of other contractors: N/A |
| 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: 100 Percent of the value of works, plant and materials. (b) For loss or damage to Equipment: Replacement Cost of the Equipment. (c) for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract: PKR 15 million. (d) for personal injury or death: <ul style="list-style-type: none"> (i) of the Contractor's employees: as per law of Pakistan. (ii) For injury of other people: as per prevailing laws of Pakistan. (iii) For death of other people: as per prevailing laws of Pakistan. |
| GCC 14.1 | <p>Site Data is as below:</p> <p>Name of Hospital:</p> <ol style="list-style-type: none"> 1. Nahaqi Cat-D Hospital Peshawar 2. Yar Hussain Cat-D Hospital Swabi 3. Khanpur Cat-D Hospital Haripur |
| GCC 20.1 | The Site Possession Date(s) shall be: With in 07 days of the signing of the contract. |
| GCC 23.1 & GCC 23.2 | Appointing Authority for the Adjudicator: Secretary Health Department Govt of KP. |
| GCC 24.3 | Hourly rate and types of reimbursable expenses to be paid to the Adjudicator: 5,000 PKR per hour |
| GCC 24.4 | The place of arbitration shall be :Peshawar, Pakistan |

| B. Time Control | |
|----------------------------------|---|
| GCC 28.1 | The Contractor shall submit for approval a Program for the Works within 10 days from the date of the Letter of Acceptance. |
| GCC 28.3 | <p>The period between Program updates is <u>30 days.</u></p> <p>The penalty for late submission of the updated program by more than 03 days will be PKR 500,000.</p> <p>The period for submission of progress reports is 30 days.</p> <p>There will be online dashboard to be established to review the progress of at site.</p> |
| C. Quality Control | |
| GCC 36.1 | The Defects Liability Period is: 180 days. |
| D. Cost Control | |
| GCC 40.7 | N/A |
| GCC 46.1 | The currency of the Employer's Country is: Pakistan Rupee |
| GCC 47.1 | The Contract <u>is not subject to price adjustment.</u> |
| GCC 48.1 | The contractor will submit performance security in the shape of bank guarantee amounting to 9% of the contract price. |
| GCC 49.1 | The liquidated damages for the whole of the Works are 0.5% per day of the contract price. The maximum amount of liquidated damages for the whole of the Works is 10% of the final Contract Price. |
| GCC 50.1 | N/A |
| GCC 51.1 | The Advance Payments shall be: 10% of the Accepted Contract Amount against the Bank Guarantee (Advance Payment Guarantee) |
| GCC 52.1 | <p>The Performance Security will be in the form of a Bank Guarantee in the amount(s) of 9% of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract Amount.</p> <p>The ES Performance Security will be in the form of a "Bank Guarantee in the amount(s) of 1% of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract Amount.</p> |
| E. Finishing the Contract | |
| GCC 58.1 | The date by which operating, and maintenance manuals are required is within 15 Days of Completion of Works. |

| | |
|---------------------|---|
| GCC 58.2 | The amount to be withheld for failing to produce “as built” drawings by the date required in GCC Sub-Clause 58.1 is PKR 1,000,000/-. |
| GCC 59.2 (g) | The maximum number of days is: 30 Days. |
| GCC 60.1 | The percentage to apply to the value of the work not completed, representing the Employer’s additional cost for completing the Works, is 10%. |

Section X - Contract Forms

Table of Forms

| | |
|---|------------|
| Notification of Intention to Award | 180 |
| Letter of Acceptance | 186 |
| Contract Agreement | 187 |
| Performance Security - Bank Guarantee | 189 |
| Performance Security - Performance Bond | 191 |
| Environmental and Social (ES) Performance Security | 193 |
| Advance Payment Security | 195 |

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. The transmission of this Notification begins the Standstill Period. During the Standstill Period, you may:

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

1. The successful Bidder

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

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

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

5. How to make a complaint

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

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

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

Title/position: [insert title/position]

Agency: [insert name of 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 Standstill Period and received by us before the Standstill Period ends.

Further information:

For more information see the [Procurement Regulations for IPF Borrowers \(Procurement Regulations\)\[https://policies.worldbank.org/sites/ppf3/PPFDocuments/Forms/DispPage.aspx?docid=4005\]](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).

6. Standstill Period

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

The Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended as stated in Section 4 above.

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

On behalf of the 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) |
|--|--|--|---|
| [include full name (last, middle, first), nationality, country of residence] | | | |

OR

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

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

OR

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

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

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

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

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

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

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

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

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

Letter of Acceptance

[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 and Social
 (ES) Performance Security ***[Delete ES 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 ES Performance Security Form, ***[Delete reference
 to the ES Performance Security Form if it is not required under the contract]*** and (ii) the
 additional information on beneficial ownership in accordance with BDS ITB 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 ITB 48.1 and GCC Sub-Clause 23.1.

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;³⁰ and
 - (i) any other document listed in the PCC as forming part of the Contract, but not limited to;
 - i. the ES Management Strategies and Implementation Plans; and
 - ii. Code of Conduct for Contractor’s Personnel (ES).

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

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.

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

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

Signed by:
for and on behalf the Contractor

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

Performance Security –

Option 1: Demand 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.

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.*

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) 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 date twenty-eight days after the expected completion date as described in GCC Sub-Clause 55.1. 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.”

Performance Security

Option 2: Performance Bond

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

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

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

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

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

Any suit under this Bond must be instituted before the expiration of one year from the date of issue of the Certificate of Completion.

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

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

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

SIGNED ON _____ on behalf of _____

By _____ in the capacity of _____

In the presence of _____

Environmental and Social (ES) Performance Security

ES Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

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

Date: *[Insert date of issue]*

ES PERFORMANCE GUARANTEE No.: *[Insert guarantee reference number]*

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

We have been informed that _____ (hereinafter called "the Applicant") has entered into Contract No. _____ dated _____ with the Beneficiary, for the execution of _____ (hereinafter called "the Contract").

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

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

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

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

² Insert the date twenty-eight days after the expected completion date as described in GC Clause 55.1. 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

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.

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.”

Advance Payment Security

Demand 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.

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.

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

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, 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.

Annex-I

² *Insert the expected completion date as described in GC Clause 55.1. The Employer should note that in the event of an extension of the expected completion date, 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."*

Bill of Quantities (BOQs)

| <u>RENOVATION & EXTENSION OF CAT-D HOSPITAL IN KPK</u> <u>TEHSIL HEAD QUARTER KHANPUR HOSPITAL</u> | | | | | |
|---|--|-------------|------------|------------------|-------------------|
| CEMONC BUILDING | | | | | |
| 1. Civil Works | | | | | |
| Sr.Nr. | Description | Unit | Qty | Unit Rate | Amount Rs. |
| | Bill Nr.1: Civil Works | | | | |
| 1.1 | Dismantling brick work in lime or cement mortar | 100 Cft | 87.36 | | |
| 1.2 | Dismantling : Plain Cement Concrete 1:4:8 | 100 Cft | 0.99 | | |
| 1.3 | Dismantling : Plain Cement Concrete 1:2:4 | 100 Cft | 0.25 | | |
| 1.4 | Dismantling RCC, separating reinforcement, cleaning & straightening the same | 100 Cft | 4.88 | | |
| 1.5 | Dismantling glazed or acoustics tiles etc. | 100 Sft | 198.35 | | |
| 1.6 | Excavation in foundation of building, bridges etc. complete : in sand, ashes or loose soil | 1000 Cft | 9.81 | | |
| 1.7 | Structural backfill using Common Material available at site. | 1000 Cft | 4.90 | | |
| 1.8 | Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual | 100 Sft | 76.44 | | |
| 1.9 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8) | 100 Cft | 22.42 | | |
| 1.10 | Plain Cement Concrete including placing, | | | | |

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|------|--|--|---------|--------|--|--|
| | | compacting, finishing & curing (Ratio 1:2:4) | 100 Cft | 11.21 | | |
| 1.11 | | Supplying and filling sand under floor or plugging in wells | 100 Cft | 3.43 | | |
| 1.12 | | 1st class brick work in foundation and plinth in Cement, sand mortar 1:6 | 100 Cft | 37.77 | | |
| 1.13 | | 1st class brick work in ground floor Cement, sand mortar 1:5 | 100 Cft | 50.31 | | |
| | | First Floor | 100 Cft | 45.93 | | |
| 1.14 | | 1st class brick work in ground floor Cement, sand mortar 1:4 | 100 Cft | 6.85 | | |
| | | First Floor | 100 Cft | 10.59 | | |
| 1.15 | | RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3) (Lead 200 Km) | 100 Cft | 105.46 | | |
| 1.16 | | RCC in raft foundation slab, base slab of column & ret. wall etc., not including in 06-07-a-02 (1:1.5:3) (Lead 200 Km) | 100 Cft | 10.39 | | |
| 1.17 | | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal | 100 Sft | 144.13 | | |
| 1.18 | | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical | 100 Sft | 65.37 | | |
| 1.19 | | Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60) | 100 Kg | 420.48 | | |
| 1.20 | | Cement plaster 1:4 upto 20' height 3/4" thick | 100 Sft | 61.60 | | |
| 1.21 | | Cement plaster 1:4 upto 20' height 1/2" thick | 100 Sft | 312.42 | | |
| 1.22 | | Preparing surface and painting with | | | | |

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| | emulsion paint : | | | | |
| | First coat | 100 Sft | 455.55 | | |
| | 2nd & each subsequent coat. | 100 Sft | 455.55 | | |
| 1.23 | Preparing surface & painting with snowcem / weather shield paint : | | | | |
| | First coat | 100 Sft | 180.66 | | |
| | 2nd & subsequent coats | 100 Sft | 180.66 | | |
| 1.24 | Supply and Fixing of UPVC Windows (colour as approved) Premium quality Sliding window, including all necessary fittings and fly screen shutters complete. | Sft | 1,660.50 | | |
| 1.25 | Providing and fixing of tempered glass of approved quality and colour including all fitting complete in all respects a) 5 mm Thick | Sft | 1,660.50 | | |
| 1.26 | Providing, making and fixing of steel grill of MS pipe (2"x1") ornamental design i/c cost of painting complete. | Sft | 1,660.50 | | |
| 1.27 | Providing & fixing uPVC white colour full body doors with UPVC frame and chowkat including, locks and all hardware fittings, etc. complete in all respects | Sft | 504.00 | | |
| 1.28 | Porcelain tile floor of size 12"x24"x1/4" laid cement 1:2 over 3/4" thick cement mortar 1:2 of imported approved quality | 100 Sft | 54.43 | | |
| 1.29 | Khuras on roof 2'x2'x6" | Each | 2.00 | | |
| 1.30 | Bottom khuras of brick masonry in c/s mortar 1:6,4'x2'x4.5" over 3" cem. concrete 1:4:8 | Each | 2.00 | | |
| 1.31 | Fabrication of heavy steel work with angle, tees, sheet iron etc. for making trusses, girders etc. | Tonne | 24.92 | | |
| 1.32 | Erection and fitting in position iron trusses, staging of water tanks, etc. | Tonne | 24.92 | | |
| 1.33 | Providing and Fixing Precast Concrete 5000 psi TUFF Tiles 60mm | | | | |

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| | | thick over bed of 2" thick sand | 100 Sft | 26.64 | | |
| 1.34 | | Supply and fixing of fancy type stainless steel chromium plate 2" dia pipes stair railing 3/4" dia pipe fixed on specified space on steps in horizontal positions, complete in all respects | Rft | 282.75 | | |
| 1.35 | | Providing and Fixing of 6mm thick Aluminium Cladding with 0.5mm Aluminium sheets of approved color & design on both sides of PVC (FR) including Cost of G.I.C channel 18 SWG frame, all necessary fittings, GI Scaffolding etc. complete in all respects (24"x36" Mesh) | Sft | 10,203.00 | | |
| 1.36 | | Providing and Laying Dry Shake Terrazzo flooring in Natural Grey colour seam less , no panel joints , very high abrasion resistance including grinding and polishing, SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 16,340.10 | | |
| 1.37 | | Providing and applying Hygienic Wall coating with one coat of Primer & one coat of SIKA 403 W. SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 18,538.80 | | |
| 1.38 | | Providing and Laying Dry Shake Terrazzo flooring in colours (Red, Green & Brown) seam less , no panel joints , very high abrasion resistance including grinding and polishing, SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 1,398.60 | | |
| 1.39 | | Providing and laying 5mm thick PU flooring with 4mm thick Cementitious levelling screed 1mm 100% PU flooring SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 1,237.95 | | |
| 1.40 | | Providing and laying superb quality 3mm thick Non-Skid Chequered sheet of approved manufacturer , Colour and Shade including the | | | | |

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| | cost of fixing material complete in all respect as approved and directed by the Engineer Incharge. | Sft | 1,385.40 | | |
| 1.41 | Providing & fixing in position Dampa Type Metal false ceiling in 2' x 2' & 0.7mm thick sheet with G.I Suspension System as per giving working drawings & specification etc. complete in all respects as per instruction & Satisfaction of the Engineer Incharge. | Sft | 17,263.05 | | |
| 1.42 | Providing and Fixing of Gutka Brick Tiles Jali on Elevation 2-1/4" x 2-1/4" x 9" with cement sand mortar 1:3 including cutting charges as per approved drawing, complete in all respect as approved and directed by the Engineer Incharge. | Sft | 1,260.00 | | |
| 1.43 | Supply, Fabrication and installation of Aluminium Door Half Kick Plate and Half 5mm thick Clear Glass (Local) With Gasket Hinged Doors, using Aluminium Profile 100x32x2.0mm Thick Champaign Anodized Colour with Accessories Alum Doors Handel + Lock (China) Door Closer (Made in Taiwan) complete in all respect as per direction/satisfaction of the Engineer. | Sft | 1,988.00 | | |
| 1.44 | Providing and applying 4mm thick torch-on water proofing bituminous membrane of specified thickness (made of Roof-Grip/ EuroBit or approved equivalent) duly lapped/ connected by heating with Torch over ps-6 primer i/c preparation/ smoothen the surface complete in all respect as approved and directed by the Engineer Incharge | Sft | 340.00 | | |
| 1.45 | Providing and embedding 10" (250mm) wide, 10mm thick PVC water stopper in expansion joints of RCC structures (Retaining walls, water tanks, Slabs) complete in all respect. | Rft | 40.00 | | |
| 1.46 | Providing and laying acrylic re-enforce cementitious waterproofing & Protective coating over exposed surfaces of R.C.C. Slab in order to provide water proofing, complete in all respect. | Sft | 10,724.00 | | |

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| 1.47 | Providing and fixing of CFRP Strip 4" wide and 1.2mm thick fixing with epoxy (made of Radiant or approved equivalent) complete in all respect as approved and directed by the Engineer Incharge. | Rft | 830.00 | | |
| 1.48 | Providing and fixing of CFRP Wrap fixing with epoxy (made of Radiant or approved equivalent) complete in all respect as approved and directed by the Engineer Incharge. | Sft | 1,080.00 | | |
| 1.49 | Providing and fixing of epoxy filling in steel drilling complete in all respect as approved and directed by the Engineer Incharge. | Each | 90.00 | | |
| 1.50 | Providing and laying of Cementitious repair Mortar (FR Mortar) complete in all respect as approved and directed by the Engineer Incharge. | Each | 250.00 | | |
| 1.51 | Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, including carriage and setting the same in work to correct lines and levels. | Each | 15.00 | | |
| 1.52 | Providing and fixing of Steel Lockers in Changing Room complete in all respect as per drawings, specifications and directed by the Engineer Incharge. | Sft | 245.00 | | |
| 1.53 | Providing and fixing 1-1/2' deep, with back MDF cabinet 3/4" thick with drawers 3" deep with handles hinges, screws etc., complete in all respects as per drawings, specifications and directed by the Engineer Incharge. | Sft | 168.00 | | |
| 1.54 | Providing and fixing aluminium glazed partition of anodized/ powder coated using section of M/S, Al-Cop/ Pakistan Cable or approved equivalent manufacturer, having 2mm thick frame size D48- A, i/c 1" thick Upvc Sheet with hardware and Floor hinge etc. complete in all respect as approved and directed by the Engineer Incharge. | Sft | 181.00 | | |

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| 1.55 | Removing of Existing Material like Windows, ventilator, Doors, grill, railing, gate, rainwater down pipe etc. and handover the useable items like Bricks, Door, Windows, ventilator, grill, railing, gate, Electrical & HVAC items with proper shifting/ stacking within office premises and advised by the site incharge of Hospital. The debris shall be removed by the contractor and disposed far away from office premises. | Job | 1.00 | | |
| | Total for Bill Nr.1 | | | | |

2. Plumbing Works

| Sr.No | Description | Unit | Qty | Unit Rate | Amount Rs. |
|-------|--|------|-------|-----------|------------|
| | Bill Nr.2: Plumbing Works | | | | |
| 2.1 | Providing and fixing, chromium plated soap dish complete. | Each | 27.00 | | |
| 2.2 | Providing and Fixing CP (chromium plated) toilet paper holder complete | Each | 28.00 | | |
| 2.3 | Providing and Fixing chromium plated (CP) towel rail complete: 60 cm (24") long and 2 cm (3/4") di | Each | 21.00 | | |
| 2.4 | Providing and fixing 22" x 16" looking mirror of Imported glass complete with Aluminium frame of standard size & c.p screws | Each | 16.00 | | |
| 2.5 | Providing and Fixing glazed earthen ware WC European type of approved size excluding cost of seat & cover, complete in all respects: White | Each | 22.00 | | |
| 2.6 | Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 2 cm 3/4" | Each | 8.00 | | |

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|------|--|------|--------|--|--|
| 2.7 | Undercounter Vanity type wash hand basin of approved make, colour, size, shape and quality, including jointing and sealing material, etc. with all accessories for complete installation. | Each | 21.00 | | |
| | Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 56x40 cm (22"x16"), including bracket set, waste coupling, complete in all respects: White with pedestal (Best Quality) | Each | 6.00 | | |
| 2.8 | Providing and fixing chromium plated (CP) bottle trough / trap of approved quality with waste pipe complete : 1.25" (32 mm) i/d | Each | 27.00 | | |
| 2.9 | Providing and fixing chromium plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality | Each | 27.00 | | |
| 2.10 | Providing and fixing chromium plated (CP) tee stop cock 2 cm (3/4") of approved quality | Each | 76.00 | | |
| 2.11 | Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects | Each | 22.00 | | |
| | PIPING & VALVES | | | | |
| 2.12 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1" i/d | Rft | 534.00 | | |
| 2.13 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1-1/4" i/d | Rft | 446.00 | | |

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| 2.14 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1-1/2" i/d | Rft | 459.00 | | |
| 2.15 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 2" i/d | Rft | 338.00 | | |
| 2.16 | Providing and fixing gun metal peet / gate valve (screwed) 32 mm (1-1/4") dia of approved quality | Each | 16.00 | | |
| 2.17 | Providing and fixing gun metal peet / gate valve (screwed) 40 mm 1-1/2" dia of approved quality | Each | 16.00 | | |
| 2.18 | Providing and fixing gun metal peet / gate valve (screwed) 50 mm & 63 mm (2") dia of approved quality | Each | 5.00 | | |
| 2.19 | Providing and Fixing 4" gully trap of approved quality including cement concrete cost of PVC grating 6" x6" (150 x 150 mm) and masonry chamber 12"x12" (300 x 300 mm) | Each | 19.00 | | |
| 2.20 | uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A",including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2"dia | Rft | 135.00 | | |
| 2.21 | Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia | Rft | 972.00 | | |
| 2.22 | Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia | Rft | 1,053.00 | | |
| 2.23 | Supplying and Fixing UPVC soil waste and vent pipe class B : 6" dia | Rft | 999.00 | | |

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|------|--|------|--------|--|--|
| 2.24 | Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class E (15 Bar) except excavation. 8" Nominal Pipe Size (NPS) | Rft | 540.00 | | |
| 2.25 | Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm) | Each | 37.00 | | |
| 2.26 | Air relief valves, of approved quality including jointing arrangement with pipe; nuts, bolts etc. complete in all respects. (i) 3/4 " | Each | 20.00 | | |
| 2.27 | Cowel on vent pipes of the following diameter. (i) 3" | Each | 21.00 | | |
| 2.28 | Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) or approved equivalent manufacturer i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge. (i) 15 Gal capacity | Each | 12.00 | | |
| 2.33 | Providing & fixing PVC Catch pits complete with PVC grating. | Each | 9.00 | | |
| 2.34 | Supply & Installation of Insulated GRP Over head water tank having capacity 1000 Gallons | Nos. | 3.00 | | |
| 2.29 | Testing and Commissioning Testing and commissioning for complete plumbing system including pressure testing, leakage, pump start up etc. including all service required to make the complete plumbing system functional | Job | 1.00 | | |
| | Total for Bill Nr.2 | | | | |

3. Electrical

| Sr.Nr. | Description | Unit | Qty | Unit Rate | Amount Rs. |
|--------|--|------|--------|-----------|------------|
| | Bill Nr.3: Electrical | | | | |
| 3.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (For Point Wiring) | Rft | 9,519 | | |
| 3.2 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (For Circuit Wiring) | Rft | 4,689 | | |
| 3.3 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (For Power Wiring) | Rft | 3,172 | | |
| 3.4 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (For AC Wiring) | Rft | 1,334 | | |
| 3.5 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc : 4" i/d (For Main Power Cable) | Rft | 210 | | |
| 3.6 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable :3/0.029" 1/2" i/d (For Point Wiring) | Rft | 28,558 | | |
| 3.7 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 3/0.036" (For Circuit Wiring) | Rft | 14,067 | | |
| 3.8 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036" (For Power Circuits Wiring) | Rft | 9,516 | | |
| 3.9 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.044" (For AC Wiring) | Rft | 4,001 | | |
| 3.10 | Supply and Erection best quality exhaust fan complete with shutter & regulator : 12"sweep | Each | 15 | | |
| 3.11 | Supply and Fixing of 24" dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings | Each | 21 | | |
| 3.12 | Supply at site, installation, testing and commissioning of 2 & 3 pin switched socket unit 5/10 Amps, 250Volts, round pin | Each | 63 | | |

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| | including appropriate size MS, powder coated back box, complete in all respects. | | | | |
| 3.13 | Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects. | Each | 27 | | |
| 3.14 | Supply at site, installation, testing and commissioning of the One gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 14 | | |
| 3.15 | Supply at site, installation, testing and commissioning of the Two gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 24 | | |
| 3.16 | Supply at site, installation, testing and commissioning of the Three gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 31 | | |
| 3.17 | Supply at site, installation, testing and commissioning of the Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 42 | | |
| 3.18 | Supply at site, installation, testing and commissioning of the Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 18 | | |
| 3.19 | CABLE TRAY WITH COVER Supply installation of Perforated MS Cable Tray, White Powder Coated with RAL 7035 including nuts, bolts, washer and jointing plates (4-Holes on each Joint Plate) Perforation on bottom and both sides (Capsule Type Perforation) of sizes as mentioned below for installation of Power cables and System cables including earth braid at each point. | | | | |
| | 6 inch wide X 3 inch high | Rft | 487.00 | | |
| | 3 inch wide X 3 inch high | Rft | 126.00 | | |
| | MS Cable Tray Cover White Powder Coated 6 inch wide | Rft | 487.00 | | |
| | 3 inch wide | Rft | 126.00 | | |

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|------|---|------|------|--|--|
| 3.20 | <p>TRANSFORMER Supply, installation, testing and commissioning of new outdoor oil type following size step down transformers having HT & LT connections manufactured according to IEC/DISCO specification and standard. Including cost of all necessary accessories. Complete in all respect.</p> | | | | |
| 3.21 | <p>400kVA</p> <p>Main Panel Board (MPB-GF) Fabrication, supply at site, installation and commissioning of Main Panel board (MPB) indoor type, floor mounted made of sheet steel 14 SWG , with flexible earthing straps, degreased and de-rusted, zinc phosphated, finished with electro-static powder coating of 15 micron thickness in approved colour, panel housing to comply with protection class IP-40, with hinged door, lockable handle, all auxiliaries, internal wiring, designation labels on MCCBS, earthing bar, numbering beads on the control wires, LTMPB suitable for system Voltage 415 V, 50 Hz, 3 Phase & neutral, bus bars of 99.8% purity electrolytic copper, including cost of cable termination lugs, brass cable glands for incoming & outgoing cables, wiring from breakers, indication lamps, instruments and control all accessories complete in all respects.</p> <p>All incoming and outgoing breakers shall be accessible by opening the front door having additional M.S. sheet cover. Gaskets shall also be provided where necessary. LTMPB shall have thermostatically controlled exhaust fan and tube light with door switch on each cubicle.</p> <p>Incoming 01 No: 630 ATP MCCB, RC:50 kA 01 No: Digital Ampere Meter 0~630A With Selector Switch 01 No: Digital Volt Meter 0~600VAC With Selector Switch 01 No. Under/Over Voltage, Phase failure, Phase loss protection relay 03 Nos: Current Transformer 400/5A 03 Nos: Control MCB for protection 03 Nos: Indication Lamp (R+Y+B) 01 Job: Brass Cable Gland for Incoming Cable Outgoing 11 Nos: 40 ATP MCCB RC:10 kA 01 No: 50 ATP MCCB RC:15 kA 01 No: 200 ATP MCCB RC:20 kA</p> | Each | 1.00 | | |

| | | | |
|------|---|------|---|
| 3.22 | 02 Nos: 50/200 ATP MCCB (Spare) Complete In all respect as per single line diagram | Each | 1 |
| | Distribution Boards | | |
| | Supply of Common distribution board at site, fabrication, installation, testing, commissioning and connections of wires / cables of Distribution Boards “Light / Power” concealed type to be installed as and where shown on drawing, made of MS sheet 16 SWG degreased and degusted, zinc phosphated, finished with electro-static powder coating of 15 micron thickness in approved colour with hinged door, flexible earthing strap lockable handle, catcher, earthing strip neutral strip, internal wiring from MCBs terminating on cable terminal blocks, including cost of all necessary materials complete in all respects. All DBs mentioned below shall have 3 phase indication lamps transformer type of colour Red Yellow, Blue and 1-Voltmeter scaled 0-500 V with selector switch. | | |
| | | | |
| | DISTRIBUTION BOARD LIGHT & POWER WARD (TYPICAL) (DBLP-W1-W2-GF) INSTALLED AT GROUND FLOOR. Incoming 01 No. 40 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 2 Nos. 10 ASP MCB for Lighting Circuits 9 Nos 20 ASP MCB for Power Circuits 4 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagram | Each | 2 |
| | DISTRIBUTION BOARD LIGHT & POWER (DBLP-NUR-GF) INSTALLED AT GROUND FLOOR Incoming 01 No. 40 ATP MCCB, RC:20kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 02 Nos. 10 ASP MCB for Lighting Circuits 13 Nos 20 ASP MCB for Power Circuits 3 Nos 20 ASP MCB Spare Complete In all respect as per single line diagram | Each | 1 |
| | DISTRIBUTION BOARD AC (DBAC-GF) INSTALLED AT GROUND FLOOR Incoming 01 No. 40 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) | | |

| | | | | | |
|--|---|------|---|--|--|
| | <p>Outgoing 10 Nos 20 ASP MCB for Power Circuits 4 Nos 20 ASP MCB Spare Complete In all respect as per single line diagram</p> | Each | 1 | | |
| | <p>DISTRIBUTION BOARD LIGHT & POWER CSSD (DBLP-CSSD-GF) INSTALLED AT FIRST FLOOR Incoming 01 No. 200 ATP MCCB, RC:20kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 03 Nos 10 ASP MCB for Lighting Circuits 10 Nos 20 ASP MCB for Power Circuits 02 Nos 20 ASP MCB Spare 02 Nos. 63A TP MCCB RC: 10kA 02 Nos. 20A DP MCB RC: 10kA 01 No. 125A TP MCCB RC: 16kA 02 Nos. 20/63 ATP MCCB RC:10KA (spare) Complete In all respect as per single line diagram</p> | Each | 1 | | |
| | <p>DISTRIBUTION BOARD LIGHT & POWER COMMON (DBLP-COM-01-GF) INSTALLED AT GROUND FLOOR Incoming 01 No. 40 ATP MCCB, RC:15kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 11 Nos 10 ASP MCB for Lighting Circuits 11 Nos 20 ASP MCB for Power Circuits 5 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagram</p> | Each | 1 | | |
| | <p>DISTRIBUTION BOARD LIGHT & POWER COMMON (DBLP-COM-02-GF) INSTALLED AT GROUND FLOOR Incoming 01 No. 40 ATP MCCB, RC:15kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 14 Nos 10 ASP MCB for Lighting Circuits 10 Nos 20 ASP MCB for Power Circuits 3 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagram</p> | Each | 1 | | |
| | <p>DISTRIBUTION BOARD LIGHT & POWER WARD (TYPICAL) (DBLP-PN-AN-EC-W-1F) INSTALLED AT FIRST FLOOR. Incoming</p> | | | | |

| | | | | |
|---|------|---|--|--|
| 01 No. 40 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 2 Nos. 10 ASP MCB for Lighting Circuits 9 Nos 20 ASP MCB for Power Circuits 4 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagarm | Each | 3 | | |
| DISTRIBUTION BOARD LIGHT & POWER OT (DBLP-OT-1F) INSTALLED AT FIRST FLOOR Incoming 01 No. 40 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 2 Nos 10 ASP MCB for Lighting Circuits 9 Nos 20 ASP MCB for Power Circuits 4 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagarm | Each | 1 | | |
| DISTRIBUTION BOARD AC (DBAC-1F) INSTALLED AT FIRST FLOOR Incoming 01 No. 40 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 10 Nos 20 ASP MCB for Power Circuits 5 Nos 20 ASP MCB Spare Complete In all respect as per single line diagarm | Each | 1 | | |
| DISTRIBUTION BOARD LIGHT & POWER COMMON (DBLP-COM-01-1F) INSTALLED AT FIRST FLOOR Incoming 01 No. 40 ATP MCCB, RC:15kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 9 Nos 10 ASP MCB for Lighting Circuits 11 Nos 20 ASP MCB for Power Circuits 4 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagarm | Each | 1 | | |
| DISTRIBUTION BOARD LIGHT & POWER COMMON (DBLP-COM-02-1F) INSTALLED AT FIRST FLOOR Incoming 01 No. 40 ATP MCCB, RC:15kA | | | | |

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|------|---|------|-----|--|--|
| 3.23 | 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 10 Nos 10 ASP MCB for Lighting Circuits 11 Nos 20 ASP MCB for Power Circuits 3 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagram | Each | 1 | | |
| | Providing & laying 4 core , of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , un armored L.T cable in prelaidd pipe/G.I. wire/trenches, etc. | | | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-W1-W2-GF) | Rft | 160 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBAC-GF) | Rft | 10 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-COM-01-GF) | Rft | 10 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-COM-02-GF) | Rft | 90 | | |
| | 4 Core 120 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-CSSD-GF) | Rft | 232 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-NUR-GF) | Rft | 157 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-OT-1F) | Rft | 30 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-COM-01-1F) | Rft | 15 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-COM-02-1F) | Rft | 80 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBAC-1F) | Rft | 15 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-PN-1F) | Rft | 160 | | |
| | 4 Core 16 mm ² Copper Conductor non-armoured , PVC Insulated, PVC Sheated, 660 / 1000 volt cable (to DBLP-AN-EC-W-1F) | Rft | 430 | | |

| | | | | |
|------|--|--|--|--|
| 3.24 | Providing & laying 1 core cables of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor, un armored L.T cable in prelaaid pipe/G.I. wire/trenches, etc. From Transformer to LTMPB (8 Nos. 1-Core 240 mm.sq Cu/PVC/PVC) | Rft | 1,680 | |
| 3.25 | Providing & laying 1 core cables of following sizes , PVC insulated & PVC sheathed, 450/750 volts grade with stranded copper conductor, un armored L.T cable in prelaaid pipe/G.I. wire/trenches, etc. (Copper Protective Conductor) 1 Core 16 mm ² Cu PVC/PVC 450/750 V CPC 1 Core 70 mm ² Cu PVC/PVC 450/750 V CPC | Rft Rft | 1,157 232 | |
| 3.27 | Fitting & Fixtures Lights Supply, installation, testing and commissioning of following light fittings, ceiling, wall mounted complete with all accessories make Philips, pierlite, Sunlight or Osram , internal wiring, earthing terminal.as per instructions of the engineer. Ceiling Panel Light 2' x 2' with 36W LED Ceiling Recessed Down Light LED 12 Watt Ceiling Recessed Down Light LED 18 Watt Mirror Light 18 Watt | Each Each Each Each | 187 35 337 27 | |
| 3.28 | Power Sockets Supply, installation and testing of 13 Amps Universal Power Socket. Supply, installation and testing of 3 Phase 5-Pin Industrial Power Socket 63 Amp Supply, installation and testing of 3 Phase 5-Pin Industrial Power Socket 125 Amp Supply, installation and testing of Single Phase 3-Pin Industrial Power Socket 16 Amp | Each Each Each Each | 53 2 1 3 | |
| 3.29 | Supply at site & installation of PVC back boxes compatible with switch & socket plates to be installed. Back Box: 3" x 3" Back Box: 3" x 6" Junction Box 9"x7" for general use | Each Each Each | 111 18 2 | |
| 3.30 | Fans Providing & installing False Ceiling Fan with remote, 24" (2' x 2') size including connections, complete in all respect as approved by the Engineer Incharge | | | |

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|----------------------------|--|------|----|--|--|
| 3.31 | Floor Outlet Box (FOB) Supply ,Fabrication and installation of floor outlet boxes made of mild steel 16 SWG of appropriate size but not less than 300mmx300mmx150mm openable hinged cover 2.5mm thick 2 coats of antirust paint and further coats of enamelled paint all necessary material/arrangement for fixation of power , Data and Telephone sockets holes,passage of outgoing cables , rubber grommet , earthing terminal and partition made of backlite make by thermic or approved equivalent . FOB shall be installed flush with floor , sample shall be submitted to site engineer before purchase of FOB . | Each | 71 | | |
| #REF! | | Each | 28 | | |
| 3.32 | Diesel Generator Set: a) Supply at site installation testing & commissioning of Diesel Generator 300 kVA,1500 rpm, 50Hz, with generator output 400/230V, 3phase, 4 wire.Generator should be complete with sound attenuation canopy,control panel (ATS) and Earthing | Each | 1 | | |
| 3.33 | Earthing System - Rod Type Supply, installation, testing and commissioning of complete earthing system for LT Panel. The work shall include 3 meter long copper rod of 20 mm dia size with bare copper conductor 2x70 mm sq ssc upto earth connecting point, insection chamber, etc to achieve less than 1 to 5 ohm specified earthing results. Complete in all respects as per drawing and specification or as directed by the Engineer | No. | 1 | | |
| Total for Bill Nr.3 | | | | | |

| 4. HVAC | | | | | |
|---------|---------------------------------|-----|------|-----------|------------|
| Sr.Nr. | Description | Qty | Unit | Unit Rate | Amount Rs. |
| | Bill Nr.4: HVAC | | | | |
| | FIRE EXTINGUISHER SYSTEM | | | | |

| | | | | | |
|-----|---|------|-----|--|--|
| 4.1 | Providing and fixing of approved quality and manufacturer best design Fire Extinguisher including all fittings complete in all respects. | Nos. | 8 | | |
| 4.2 | Supply and Erection of INVERTER BASED SPLIT AC (01 Ton) | Nos. | 18 | | |
| 4.3 | Supply and Erection of INVERTER BASED SPLIT AC (1.5 Ton) | Nos. | 19 | | |
| 4.4 | Supply and Erection of INVERTER BASED SPLIT AC (02 Ton) | Nos. | 2 | | |
| | Drain Piping | | | | |
| 4.5 | Supply & Installation of 5 mm thick polyethylene (PE) insulation for condensate drain pipes of required size for AHU and FCU pipes covered with PVC tape as per specifications / drawings with all accessories and fittings as approved and directed by Engineer Incharge. | | | | |
| | (i) 3/4 " dia pipe | Rft | 662 | | |
| | (ii) 1 " dia pipe | Rft | 442 | | |
| 4.6 | Supply and Installation of Gas & Liquid Copper Piping of specified size and thickness including the cost of Fittings, Welding Complete clamps/hangers/supports, testing charges and all other related material for installation purpose complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | (i) 1/4" | Rft | 353 | | |
| | (ii) 3/8" | Rft | 529 | | |
| | (iv) 5/8" | Rft | 294 | | |
| 4.7 | Supply & installation closed cell type Aluminium foil faced XLPE (Cross linked polyethylene) polyolefin pipe insulation tube of density 25 Kg/m ³ of specified thickness & thermal conductivity 0.035 w/m °C and fire retardant of Class "o" rating as specified for refrigerant copper piping as approved by the Engineer Incharge. | | | | |
| | a) 20 mm thick | | | | |
| | (i) 1/4" | Rft | 353 | | |
| | (ii) 3/8" | Rft | 529 | | |
| | (iv) 5/8" | Rft | 294 | | |
| 4.8 | Supply and installation of pvc condensate drain pipes for indoor AC units including all fittings and accessories as required as approved by the engineer. | | | | |
| | (i) 3/4 " dia pipe | Rft | 662 | | |
| | (ii) 1 " dia pipe | Rft | 442 | | |

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|--|----------------------------|--|--|--|--|
| | Total for Bill Nr.4 | | | | |
|--|----------------------------|--|--|--|--|

| 5. Telephone and Data | | | | | |
|------------------------------|--|-------------|------------|------------------|-------------------|
| Sr.Nr. | Description | Unit | Qty | Unit Rate | Amount Rs. |
| | Bill Nr.5: Telephone and Data | | | | |
| | Electrical Works | | | | |
| 5.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d | Rft | 2,239 | | |
| | Data System | | | | |
| 5.2 | Supply, Installation, testing and commissioning of Single Port Data outlet of 1 x RJ-45 I/Os for Cat-6 cable and with 16 SWG back box, complete in all respects | Each | 28 | | |
| | Telephone System | | | | |
| 5.3 | Supply and Installation of Single Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects | No | 28 | | |
| 5.4 | Supply, installation, connecting, testing and commissioning of PABX suitable for 4 line & 15 extension (4 line means 4 in i.e. 4 PTCL numbers, and 15 users). | No | 2 | | |
| 5.5 | Supply and Installation of 10-Pair Telephone Junction Box with back mounting frame and connection strip Recessed in wall Type where shown on drawings, made of 16 SWG M.S. Sheet with hinged door. Completed in all respects | No | 3 | | |
| 5.6 | Data System: Supply and installation of 48-Ports CAT-6 Data Patch Panel complete with CAT-6 RJ-45 I/Os | No | 1.00 | | |
| 5.7 | Supply and installation of 16 Ports x 10/100/1000 Data Switch | No | 4.00 | | |

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|----------------------------|--|-----|----------|--|--|
| 5.8 | Supply, installation of wall mounted fiber to the home panel (FTTH) of 2 Port PON to accommodate main ONT system to be installed in bus stand office made of M.S sheet, powder coated, front glass door. | No | 1.00 | | |
| 5.9 | Supply, installation, testing and commissioning of Optical Network Terminal (ONT) to be installed where necessary Including cost of all necessary materials. Complete in all respects. | No | 4.00 | | |
| 5.10 | 12 U Double Section Data Cabinet with PDU | No | 2.00 | | |
| 5.11 | CABLE for DATA & Telephone Supply and installation / laying of UTP CAT-6, 4 Pair Cable for Telephone & DATA, in already laid PVC conduit, complete in all respect. | Rft | 2,239.05 | | |
| Total for Bill Nr.5 | | | | | |

6. CCTV

| Sr.Nr. | Description | Unit | Qty | Unit Rate | Amount Rs. |
|--------|---|------|-------|-----------|------------|
| | Bill Nr.6: CCTV | | | | |
| 6.1 | Electrical Works Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 2,459 | | |
| 6.2 | Supply, installation, testing and commissioning of Dome IP camera having following specifications:-Image device: At least 1/3 inch, Resolution & frames/sec: At least 4 MP/25fps, Video-Compression: H.265,H.264, MJPEG, Focal length: fixed of 2.8mm,4mm or 8mm. Min illumination: 0 \ux(B/W), 0.15 \ux (Colour),infrared viewable length: At least 30 m, Weather proof standard: JP 66 at least, Vandal proof standard: At least IK10, complete in all respect as approved by the Engineer Incharge | No | 21.00 | | |

| | | | | | |
|-----|---|-----|----------|--|--|
| 6.3 | Supply, installation, testing and commissioning of bullet camera having following specifications:- Image device: At least 1/3 inch, Resolution & frames/sec: At least 4 MP/25fps, Video Compression: H.265,H.264, MJPEG, Focal length: fixed of 2.8mm,4mm or 8mm. Min illumination: 0 lux(B/W), 0.15 lux (Colour}, Infrared viewable length: At least 30 m, Weather proof standard: JP 66 at least, Vandal proof standard: At least IK10, complete in all respect as approved by the Engineer Incharge | No | 12.00 | | |
| 6.4 | Supply, installation, testing and commissioning of 48 Channel NVR 48 PoE/Poe+ ports having following specifications:- Max recording rate: 300Mbps Embedded system: Linux or latest, VGA and HDMI(upto 4K support) & Dual Monitor Compression:H.265, H.264, MJPEG, Internal storage: upto 8 SATA (Max 64TB), External storage: 1 e-SATA, Monitoring: Web viewer and Mobile viewer Camera support: ONVIF, complete in all respect as approved by the Engineer Incharge | No | 1.00 | | |
| 6.5 | Providing, Fixing & Installing 48 Port POE Giga Bit switches, complete in all respect as approved by the engineer incharge as required. | No | 1.00 | | |
| 6.6 | Providing and installing of 40" LED smart TV latest model suitable for operation on 220/230 V, 50 Hz AC supply including USB / HDMI Ports, Video In, Audio In, switchable to HDMI-I to HDMI-11 via wireless remote, flexible cord. Shoe, Wi-Fi, Bluetooth, wall bracket, rawal bolts, etc., complete with electric connection, as approved by the engineer incharge as required. | No | 1.00 | | |
| 6.7 | Supply, installation and commissioning of 8TB Surveillance Grade Hard Drive complete in all respect as approved by the Engineer Incharge as per list of approved manufacturers | No | 1.00 | | |
| 6.8 | CABLE for CCTV Supply and installation / laying of UTP CAT-6, 4 Pair Cable for CCTV in already laid PVC conduit, complete in all respect. | Rft | 2,459.10 | | |
| | Total for Bill Nr.6 | | | | |

7. Fire Alarm System

| Sr.Nr. | Description | Unit | Qty | Unit Rate | Amount Rs. |
|--------|--|------|--------|-----------|------------|
| | Bill Nr.7: Fire Alarm System | | | | |
| | Electrical Works | | | | |
| 7.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 1,670 | | |
| 7.2 | Supply, installation, testing & commissioning of Analogue Addressable Manual Call Point / Pull Station with Base and Back Box with Key UL Listed complete in all respects. | No | 14.00 | | |
| 7.3 | Supply, installation, testing & commissioning of Analogue Addressable Sounder with Flasher, 24 VDC, Mounting Base and with Base and Back Box with Key UL Listed complete in all respects. | No | 14.00 | | |
| 7.4 | Supply, installation, testing & commissioning of Analogue Addressable Optical Smoke Detector with Base; 24 VDC; UL LISTED, low voltage, solid state, Not Radio Active type, uni-polar and dual chamber with LED alarm indication to be installed on RCC slab, complete in all respects | No | 92.00 | | |
| 7.5 | Supply, installation, testing & commissioning of Micro processor based Fire Alarm Control Panel, suppression consisting of loops and can address around 125points, indicating circuits, including 2x12V VDC Batteries, suppression zone built in power supply, including stand by battery, alarm and trouble indication, silence alarm and reset system, general alarm and reset system, general alarm facility, complete in all respects. | No | 1.00 | | |
| 7.6 | Supply & erection of 2 core 1.5mmsq Fire Resistant cable | m | 509.02 | | |
| | Total for Bill Nr.7 | | | | |

8. Public Address System

| Sr.Nr. | Description | Unit | Qty | Unit Rate | Amount Rs. |
|--------|---|------|-----|-----------|------------|
| | Bill Nr.8: Public Address System | | | | |
| | Electrical Works | | | | |

| | | | | | |
|-----|---|-----|--------|--|--|
| 8.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 918 | | |
| 8.2 | Supply, Installation, connecting, testing and commissioning of 2 Zone/channel 250 Watts high efficiency power amplifier. | No | 1.00 | | |
| 8.3 | Supply, Installation, connecting, testing and commissioning of 6 Watts high sound quality ceiling suspended loudspeaker with high strength fire resistant, ABS plastic. | No | 34.00 | | |
| 8.4 | Installation, connecting, testing and commissioning of Dynamic Microphone. | No | 2.00 | | |
| 8.5 | Supply & installation of 1.5 mm ² , two core, PVC insulated wire in all kinds of existing or new conduit/cable duct as required. | Rft | 917.70 | | |
| | Total for Bill Nr.8 | | | | |

9. External Lights

| Sr.Nr. | Description | Unit | Qty | Unit Rate | Amount Rs. |
|--------|--|------|--------|-----------|------------|
| | Bill Nr.9: External Lights | | | | |
| | Electrical Works | | | | |
| 9.1 | Supply and installation of hot-dipped galvanized inside and outside with 4mm wall thickness ornamental steel poles. Including base plate, galvanized J bolt, nuts and washer, self locking inspection weather proof type door with rubber gasket, earthing lugs strip in side pole, special key, as per specification and details shown on the drawings. 6 meter high Hot-dipped galvanized | Each | 16.00 | | |
| 9.2 | Supply, installation, testing and commissioning of following cable terminal box comprising with 2Amp miniature circuit breaker (MCB) including 415 volt high voltage resistance copper terminal complete in all respect as per specification and drawing. Cable Terminal Box with 1x4 Amp miniature circuit breaker. | Each | 16.00 | | |
| 9.3 | Supply, installation, testing and commissioning of 3 Core-2.5mm ² PVC/PVC copper conductor cable between pole terminal box to light fixture complete in all respects as per | Rft | 419.84 | | |

| | | | | | |
|-----|---|------|--------|--|--|
| | drawing and specifications. | | | | |
| 9.4 | Providing and construction of pole foundation in concrete class A, reinforcement as per AASHTO M31, lean concrete etc., in accordance with specifications including excavation, back filling and disposal of surplus earth complete in all respect as per drawings. | Each | 16.00 | | |
| 9.5 | Supply, laying, testing and commissioning including termination at both ends of multi core 600/1000 voltage grade PVC/SWA/PVC armoured aluminium street light cable laid directly in the already excavated trench from nearest pillar box to street light control panel and street light control panel to street light terminal box including supply and installation of all fixing and terminal material, brass cable glands, ferrules, lugs, ties, accessories, etc. complete in all respect as per drawings and specification. 4C - 6 mm ² PVC/SWA/PVC (From Pole to Pole) | Rft | 323.00 | | |
| 9.6 | Supply, installation, testing and commissioning of earthing system with 3 meter long 20 mm dia earth copper rod at both end of each circuit of street light, directly driven to ground to obtain earth resistance not less than 3 ohm including 16 sq. mm bare conductor wire from earth rod to lighting pole, marconite concrete, drilling in ground etc. complete in all respect as per specification and drawings. | Each | 8.00 | | |
| | Total for Bill Nr.9 | | | | |

10. Road Network

| Sr.No. | Description | Unit | Qty | Unit Rate | Amount Rs. |
|--------|--|---------|-------|-----------|------------|
| | Bill Nr.10: Road Network | | | | |
| 10.1 | Dismantling & removing road pavement etc. including screening & stacking of by-products upto 50m. | 100 Sft | 28.90 | | |
| 10.2 | Carriage of 100 cft / 5 tonne of all materials , by truck or other means : 250 -1000 Meter (1 Km) | 100 Cft | 23.33 | | |

| | Earthwork/Excavation | | | | | |
|-------|--|-------------|--------|--|--|--|
| 10.3 | Excavate Unsuitable Common Material | 1000 Cft | 22.83 | | | |
| 10.4 | Excavate Surplus Common Material | 1000 Cft | 22.83 | | | |
| 10.5 | Compaction of earth with power road roller 95% to 100% max. mod. AASHTO dry density | 1000 Cft | 28.90 | | | |
| 10.6 | Formation Of Embankment From Borrow Excavation In Common Material | 1000 Cft | 28.90 | | | |
| 10.7 | Subgrade Preparation In Earth Cut ; Mod. AASHTO 95% | 1000 Sft | 28.90 | | | |
| 10.8 | Aggregate Base Course | 100 Cft | 144.48 | | | |
| 10.9 | Bitumenous Prime Coat | 100 Sft | 288.96 | | | |
| 10.10 | Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete | 100 Cft | 49.13 | | | |
| 10.11 | Pavement marking in reflective thermoplast paint with glass beads for line 15 cm width. | 100 Rft | 37.55 | | | |
| 10.12 | Reflectorized Plastic Pavement Stud (Raised Profile Type - Double) | Each | 183.00 | | | |
| 10.13 | Traffic Road Signs Category 3a | Each | 5 | | | |
| 10.14 | Traffic Road Signs Category 3b | Each | 5 | | | |
| 10.15 | Reuse and laying sub-base course of stone product of approved quality and grade, including placing, mixing, spreading and compaction of sub-base material to required depth, camber, grade to achieve 100% maximum modified AASHO dry density, including carriage of all material to site of work. (From Stock within 1 Km Lead) Crushed stone aggregate. | Cft | 19,360 | | | |

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| | Total for Bill Nr.10 | | | | |
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| EMERGENCY BLOCK AT CAT-D HOSPITAL KHANPUR | | | | | |
|--|---|-------------|------------|------------------|-------------------|
| 1. Civil Works | | | | | |
| Sr.No. | Description | Unit | Qty | Unit Rate | Amount Rs. |
| | Bill Nr.1: Civil Works | | | | |
| 1.1 | Excavation in foundation of building, bridges etc. complete : in sand, ashes or loose soil | 1000 Cft | 16.61 | | |
| 1.2 | Structural backfill using Common Material available at site. | 1000 Cft | 8.30 | | |
| 1.3 | Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual | 100 Sft | 88.95 | | |
| 1.4 | Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (1.5" thick) | 100 Sft | 7.23 | | |
| 1.5 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8) | 100 Cft | 26.24 | | |
| 1.6 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) | 100 Cft | 5.60 | | |
| 1.7 | Supplying and filling sand under floor or plugging in wells | 100 Cft | 22.91 | | |
| 1.8 | 1st class brick work in foundation and plinth in Cement, sand mortar 1:6 | 100 Cft | 42.43 | | |

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| 1.9 | 1st class brick work in ground floor Cement, sand mortar 1:5 | 100 Cft | 57.74 | | |
| | First Floor | 100 Cft | 6.48 | | |
| 1.10 | 1st class brick work in ground floor Cement, sand mortar 1:4 | 100 Cft | 4.67 | | |
| 1.11 | RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3) (Lead 200 Km) | 100 Cft | 107.79 | | |
| 1.12 | RCC in raft foundation slab, base slab of column & ret. wall etc., not including in 06-07-a-02 (1:1.5:3) (Lead 200 Km) | 100 Cft | 41.07 | | |
| 1.13 | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal | 100 Sft | 150.42 | | |
| 1.14 | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical | 100 Sft | 85.09 | | |
| 1.15 | Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60) | 100 Kg | 675.39 | | |
| 1.16 | Cement plaster 1:4 upto 20' height 3/4" thick | 100 Sft | 80.75 | | |
| 1.17 | Cement plaster 1:4 upto 20' height 1/2" thick | 100 Sft | 196.41 | | |
| 1.18 | Preparing surface and painting with emulsion paint : First coat | 100 Sft | 196.41 | | |
| | 2nd & each subsequent coat. | 100 Sft | 196.41 | | |
| 1.19 | Preparing surface & painting with snowcem / weather shield paint : First coat | 100 Sft | 149.55 | | |
| | 2nd & subsequent coats | 100 Sft | 149.55 | | |
| 1.20 | Supply and Fixing of UPVC Windows (colour as approved) Premium | | | | |

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| | quality Sliding window, including all necessary fittings and fly screen shutters complete. | Sft | 395.00 | | |
| 1.21 | Providing and fixing of tempered glass of approved quality and colour including all fitting complete in all respects a) 5 mm Thick | Sft | 395.00 | | |
| 1.22 | Providing, making and fixing of steel grill of MS pipe (2"x1") ornamental design i/c cost of painting complete. | Sft | 395.00 | | |
| 1.23 | Providing & fixing uPVC white colour full body doors with UPVC frame and chowkat including, locks and all hardware fittings, etc. complete in all respects | Sft | 260.00 | | |
| 1.24 | Porcelain tile floor of size 12"x24"x1/4" laid cement 1:2 over 3/4" thick cement mortar 1:2 of imported approved quality | 100 Sft | 33.94 | | |
| 1.25 | Providing and Fixing of Porcelain Floor Tile 24" x 24" of approved quality | 100 Sft | 6.62 | | |
| 1.26 | Khuras on roof 2'x2'x6" | Each | 2.00 | | |
| 1.27 | Bottom khuras of brick masonry in c/s mortar 1:6, 4'x2'x4.5" over 3" cem. concrete 1:4:8 | Each | 2.00 | | |
| 1.28 | Fabrication of heavy steel work with angle, tees, sheet iron etc. for making trusses, girders etc. | Tonne | 12.83 | | |
| 1.29 | Erection and fitting in position iron trusses, staging of water tanks, etc. | Tonne | 12.83 | | |
| 1.30 | Providing and Fixing Precast Concrete 5000 psi TUFF Tiles 60mm thick over bed of 2" thick sand | 100 Sft | 18.62 | | |
| 1.31 | Provide & fix ornamental cement jali 1:2:4 2" thick without steel. | 100 Sft | 9.38 | | |
| 1.32 | Supply and fixing of fancy type stainless steel chromium plate 2" dia | | | | |

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| | pipes stair railing 3/4" dia pipe fixed on specified space on steps in horizontal positions, complete in all respects | Rft | 130.90 | | |
| 1.33 | Providing and Fixing of 6mm thick Aluminium Cladding with 0.5mm Aluminium sheets of approved color & design on both sides of PVC (FR) including Cost of G.I.C channel 18 SWG frame, all necessary fittings, GI Scaffolding etc. complete in all respects (24"x36" Mesh) | Sft | 7,304.00 | | |
| 1.34 | Providing and Laying Dry Shake Terrazzo flooring in Natural Grey colour seam less , no panel joints , very high abrasion resistance including grinding and polishing, SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 5,551.35 | | |
| 1.35 | Providing and applying Hygienic Wall coating with one coat of Primer & one coat of SIKA 403 W. SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 5,341.36 | | |
| 1.36 | Providing and Laying Dry Shake Terrazzo flooring in colours (Red, Green & Brown) seam less , no panel joints , very high abrasion resistance including grinding and polishing, SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 241.50 | | |
| 1.37 | Providing and laying 5mm thick PU flooring with 4mm thick Cementitious levelling screed 1mm 100% PU flooring SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 434.70 | | |
| 1.38 | Providing and laying superb quality 3mm thick Non-Skid Chequered sheet of approved manufacturer , Colour and Shade including the cost of fixing material complete in all respect as approved and directed by the Engineer Incharge. | Sft | 295.00 | | |

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| 1.39 | Providing & fixing in position Dampa Type Metal false ceiling in 2' x 2' & 0.7mm thick sheet with G.I Suspension System as per giving working drawings & specification etc. complete in all respects as per instruction & Satisfaction of the Engineer Incharge. | Sft | 7,499.10 | | |
| 1.40 | Supply, Fabrication and installation of Aluminium Door Half Kick Plate and Half 5mm thick Clear Glass (Local) With Gasket Hinged Doors, using Aluminium Profile 100x32x2.0mm Thick Champaign Anodized Colour with Accessories Alum Doors Handel + Lock (China) Door Closer (Made in Taiwan) complete in all respect as per direction/satisfaction of the Engineer. | Sft | 688.00 | | |
| 1.41 | Providing and laying roof insulation, comprising of single layer of tiles 9"x4½"x1½" lain in 1:6 C/S mortar and grouted with cement sand mortar 1:3 laid over 3" thick earth with proper slope (including ¾" mud plaster mixed with bhoosa or rice husk) over 30mm thick (XPS) layer with proper jointing arrangements as per manufacturer specification (3" thick min.) over polythene sheet (single layer 500 gauge & 3" overlap) over two coats of approved bitumen @ 40 lbs .per 100 sft (total for both coats) & single coat of primer @ 30 lbs per 100 Sft complete in all respects. | Sft | 6,644.00 | | |
| 1.42 | Providing and fixing 1-1/2' deep, with back MDF cabinet ¾" thick with drawers 3" deep with handles hinges, screws etc., complete in all respects as per drawings, specifications and directed by the Engineer Incharge. | Sft | 48.00 | | |
| | Total for Bill No 1 | | | | |

2. Plumbing Works

| Sr.No. | Description | Unit | Qty | Unit Rate | Amount Rs. |
|----------------------------------|---|------|-------|-----------|------------|
| Bill Nr.2: Plumbing Works | | | | | |
| Schedule Items | | | | | |
| 2.1 | Providing and fixing, chromium plated soap dish complete. | Each | 10.00 | | |
| 2.2 | Providing and Fixing CP (chromium plated) toilet paper holder complete | Each | 11.00 | | |
| 2.3 | Providing and Fixing chromium plated (CP) towel rail complete: 60 cm (24") long and 2 cm (3/4") di | Each | 7.00 | | |
| 2.4 | Providing and fixing 22" x 16" looking mirror of Imported glass complete with Aluminum frame of standard size & c.p screws | Each | 7.00 | | |
| 2.5 | Providing and Fixing glazed earthen ware WC European type of approved size excluding cost of seat & cover, complete in all respects: White | Each | 6.00 | | |
| 2.6 | Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects : White | Each | 4.00 | | |
| 2.7 | Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 2 cm 3/4" | Each | 8.00 | | |
| 2.8 | Undercounter Vanity type wash hand basin of approved make, colour, size, shape and quality, including jointing and sealing material, etc. with all accessories for complete installation. | Each | 10.00 | | |
| 2.9 | Providing and fixing chromium plated (CP) bottle trough / trap of approved quality with waste pipe complete : 1.25" (32 mm) i/d | Each | 10.00 | | |
| 2.10 | Providing and fixing chromium plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality | Each | 10.00 | | |

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| 2.11 | Providing and fixing chromium plated (CP) tee stop cock 2 cm (3/4") of approved quality | Each | 30.00 | |
| 2.12 | Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects | Each | 10.00 | |
| PIPING & VALVES | | | | |
| 2.13 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1" i/d | Rft | 183.00 | |
| 2.14 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1-1/4" i/d | Rft | 261.00 | |
| 2.15 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1-1/2" i/d | Rft | 435.00 | |
| 2.16 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 2" i/d | Rft | 79.00 | |
| 2.17 | Providing and fixing gun metal peet / gate valve (screwed) 32 mm (1-1/4") dia of approved quality | Each | 4.00 | |
| 2.18 | Providing and fixing gun metal peet / gate valve (screwed) 40 mm 1-1/2" dia of approved quality | Each | 7.00 | |
| 2.19 | Providing and fixing gun metal peet / gate valve (screwed) 50 mm & 63 mm (2") dia of approved quality | Each | 3.00 | |
| 2.20 | Providing and Fixing 4" gully trap of approved quality including cement concrete cost of PVC grating 6" x6" (150 x 150 mm) and | Each | 10.00 | |

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| | masonry chamber 12"x12" (300 x 300 mm) | | | | |
| 2.21 | uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A" ,including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2" dia | Rft | 143.00 | | |
| 2.22 | Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia | Rft | 206.00 | | |
| 2.23 | Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia | Rft | 895.00 | | |
| 2.24 | Supplying and Fixing UPVC soil waste and vent pipe class B : 6" dia | Rft | 358.00 | | |
| 2.25 | Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm) | Each | 18.00 | | |
| 2.26 | Air relief valves, of approved quality including jointing arrangement with pipe; nuts, bolts etc. complete in all respects. (i) 3/4 " | Each | 10.00 | | |
| 2.27 | Cowel on vent pipes of the following diameter. (i) 3" Total | Each | 14.00 | | |
| 2.28 | Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) or approved equivalent manufacturer i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge. (i) 15 Gal capacity | Each | 6.00 | | |
| 2.33 | Providing & fixing PVC Catch pits complete with PVC grating. | Each | 5.00 | | |
| 2.34 | Supply & Installation of Insulated GRP Over head water tank having capacity 1000 Gallons | Nos. | 1.00 | | |

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| 2.29 | Testing and Commissioning Testing and commissioning for complete plumbing system including pressure testing, leakage, pump start up etc. including all service required to make the complete plumbing system functional | Job | 1.00 | | |
| | Total for Bill Nr.2 | | | | |

3. Electrical

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|--|------|-------|----------------|------------|
| | Bill Nr.3: Electrical | | | | |
| | Electrical Works | | | | |
| 3.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Point Wiring) | Rft | 1,512 | | |
| 3.2 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Circuit Wiring) | Rft | 1,225 | | |
| 3.3 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Power Wiring) | Rft | 1,451 | | |
| 3.4 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For AC Wiring) | Rft | 478 | | |
| 3.5 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 4" i/d (For Main Power Cable) | Rft | 85 | | |
| 3.6 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable :3/0.029" 1/2" i/d (For Point Wiring) | Rft | 4,536 | | |
| 3.7 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 3/0.036" (For Circuit Wiring) | Rft | 3,675 | | |
| 3.8 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036" (For Power Circuits Wiring) | Rft | 4,353 | | |

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| 3.9 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.044" (For AC Wiring) | Rft | 1,433 | | |
| 3.10 | Supply and Erection best quality exhaust fan complete with shutter & regulator : 12"sweep | Each | 6 | | |
| 3.11 | Supply and Fixing of 24" dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings | Each | 2 | | |
| 3.12 | Supply at site, installation, testing and commissioning of 2 & 3 pin switched socket unit 5/10 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects. | Each | 22 | | |
| 3.13 | Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects. | Each | 12 | | |
| 3.14 | Supply at site, installation, testing and commissioning of the One gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 3 | | |
| 3.15 | Supply at site, installation, testing and commissioning of the Two gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 8 | | |
| 3.16 | Supply at site, installation, testing and commissioning of the Three gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 12 | | |
| 3.17 | Supply at site, installation, testing and commissioning of the Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 14 | | |
| 3.18 | Supply at site, installation, testing and commissioning of the Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 6 | | |
| 3.19 | Main Distribution Board (MDB-COM-GF) Fabrication, supply at site, installation and commissioning of Main Distribution board (MDB) indoor type, Wall mounted made of sheet steel 14 SWG , with flexible earthing | | | | |

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| | <p>straps, degreased and de-rusted, zinc phosphated, finished with electro-static powder coating of 15 micron thickness in approved colour, panel housing to comply with protection class IP-40, with hinged door, lockable handle, all auxiliaries, internal wiring, designation labels on MCCBS, earthing bar, numbering beads on the control wires, MDB suitable for system Voltage 415 V, 50 Hz, 3 Phase & neutral, bus bars of 99.8% purity electrolytic copper, including cost of cable termination lugs, brass cable glands for incoming & outgoing cables, wiring from breakers, indication lamps, instruments and control all accessories complete in all respects.</p> <p>All incoming and outgoing breakers shall be accessible by opening the front door having additional M.S. sheet cover. Gaskets shall also be provided where necessary. MDB shall have thermostatically controlled exhaust fan and tube light with door switch on each cubicle.</p> <p>Incoming</p> <p>01 No: 200 ATP MCCB, RC:25 kA</p> <p>03 No: Digital Ampere Meter 0~200A With Selector Switch</p> <p>03 No: Digital Volt Meter 0~600VAC With Selector Switch</p> <p>01 No. Surge protective device</p> <p>01 No. Under/Over Voltage, Phase failure, Phase loss protection relay</p> <p>03 Nos: Current Transformer 200/5A</p> <p>03 Nos: Control MCB for protection</p> <p>03 Nos: Indication Lamp (R+Y+B)</p> <p>01 Job: Brass Cable Gland for Incoming Cable</p> <p>Outgoing</p> <p>15 Nos. 10 ASP MCB for Lighting Circuits</p> <p>16 Nos. 20 ASP MCB for Power Circuits</p> <p>02 Nos 10/20 ASP MCB Spare</p> <p>02 Nos 50 ATP MCCB RC:15 kA</p> <p>02 No: 32 ATP MCCB RC:10 kA</p> <p>02 Nos: 32/50 ATP MCCB (Spare)</p> <p>Complete In all respect as per single line diagram</p> | | | | |
| 3.20 | <p>Distribution Boards</p> <p>Supply of Common distribution board at site, fabrication, installation, testing, commissioning and connections of wires / cables of Distribution Boards “Light / Power” concealed type to be installed as and where shown on drawing, made of MS sheet 16 SWG degreased and degusted, zinc phosphated, finished with electro-static powder coating of 15 micron thickness in approved colour with hinged door,</p> | Each | 1 | | |

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| | <p>flexible earthing strap lockable handle, catcher, earthing strip neutral strip, internal wiring from MCBs terminating on cable terminal blocks, including cost of all necessary materials complete in all respects. All DBs mentioned below shall have 3 phase indication lamps transformer type of colour Red Yellow, Blue and 1-Voltmeter scaled 0-500 Vwith selector switch.</p> <p>DISTRIBUTION BOARD LIGHT & POWER WARDS (DBLP-01 & 02-WARD-GF) INSTALLED AT GROUND FLOOR.</p> <p>Incoming</p> <p>01 No. 50 ATP MCCB, RC:15kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>02 Nos. 10 ASP MCB for Lighting Circuits 11 Nos 20 ASP MCB for Power Circuits 02 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER OT (DBLP-OT-GF) INSTALLED AT GROUND FLOOR</p> <p>Incoming</p> <p>01 No. 32 ATP MCCB, RC:10kA 01 No. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>02 Nos. 10 ASP MCB for Lighting Circuits 05 Nos 20 ASP MCB for Power Circuits 02 Nos 10/20 ASP MCB Spare 01 No 20 ADP MCB For IPS Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD AC (DBAC-GF) INSTALLED AT GROUND FLOOR</p> <p>Incoming</p> <p>01 No. 32 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> | Each | 2 | | |
| | | Each | 1 | | |

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| | 05 Nos 20 ASP MCB for Power Circuits | | | | |
| | 04 Nos 20 ASP MCB Spare | | | | |
| | Complete In all respect as per single line diagram | Each | 1 | | |
| 3.21 | Providing & laying 4 core cables of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor, un armoured L.T cable in prelaid pipe/G.I. wire/trenches, etc. From Transformer to MDB (4-Core 120 mm.sq Cu/PVC/PVC) | Each | 85 | | |
| 3.22 | Providing & laying 4 core , of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , un armoured L.T cable in prelaid pipe/G.I. wire/trenches, etc. | | | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-01-WARD-GF) | Rft | 48 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-02-WARD-GF) | Rft | 37 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-OT-1F) | Rft | 86 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-AC-GF) | Rft | 7 | | |
| 3.23 | Providing & laying 1 core cables of following sizes , PVC insulated & PVC sheathed, 450/750 volts grade with stranded copper conductor, un armoured L.T cable in prelaid pipe/G.I. wire/trenches, etc. (Copper Protective Conductor) | | | | |
| | 1 Core 16 mm2 Cu PVC/PVC 450/750 V CPC | Rft | 178 | | |
| | 1 Core 70 mm2 Cu PVC/PVC 450/750 V CPC | Rft | 85.00 | | |
| 3.24 | Fitting & Fixtures | | | | |
| | Lights | | | | |
| | Supply, installation, testing and commissioning of following light fittings, ceiling, wall mounted complete with all accessories make Philips, pierlite, Sunlight or Osram , internal wiring, earthing terminal.as per instructions of the engineer. | | | | |
| | Ceiling Panel Light 2' x 2' with 36W LED | Each | 56 | | |
| | Ceiling Recessed Down Light LED 6 Watt | Each | 43 | | |
| | Ceiling Recessed Down Light LED 12 Watt | Each | 29 | | |
| | Ceiling Recessed Down Light LED 18 Watt | Each | 77 | | |

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| | Mirror Light 18 Watt | Each | 10 | | |
| | Water Tight Up Down Light | Each | 33 | | |
| 3.25 | Power Sockets | | | | |
| | Supply, installation and testing of 13 Amps Universal Power Socket. | Each | 16 | | |
| | Supply, installation and testing of Single Phase 3-Pin Industrial Power Socket 16 Amp | Each | 1 | | |
| 3.26 | Supply at site & installation of PVC back boxes compatible with switch & socket plates to be installed. | | | | |
| | Back Box: 3" x 3" | Each | 37 | | |
| | Back Box: 3" x 6" | Each | 6 | | |
| | Junction Box 9"x7" for general use | Each | 2 | | |
| 3.27 | Fans | | | | |
| | Providing & installing False Ceiling Fan with remote, 24" (2' x 2') size including connections, complete in all respect as approved by the Engineer incharge (Voldam /Pak/ Royal) | Each | 26 | | |
| 3.28 | Floor Outlet Box (FOB) | | | | |
| | Supply ,Fabrication and installation of floor outlet boxes made of mild steel 16 SWG of appropriate size but not less than 300mmx300mmx150mm openable hinged cover 2.5mm thick 2 coats of antirust paint and further coats of enamelled paint all necessary material/arrangement for fixation of power , Data and Telephone sockets holes, passage of outgoing cables , rubber grommet , earthing terminal and partition made of backlite make by thermic or approved equivalent . FOB shall be installed flush with floor , sample shall be submitted to site engineer before purchase of FOB . | Each | 10 | | |
| 3.29 | Diesel Generator Set: | | | | |
| | a) Supply at site installation testing & commissioning of Diesel Generator 125 kVA,1500 rpm, 50Hz, with generator output 400/230V, 3phase, 4 wire. Generator should be complete with sound attenuation canopy, control panel (ATS) and Earthing. | Each | 1 | | |
| 3.30 | Earthing System - Rod Type | | | | |
| | Supply, installation, testing and commissioning of complete earthing system for Panel. The work shall include 3 meter long copper rod of 20 mm dia size with bare copper conductor | | | | |

| | | | | | |
|--|---|-----|---|--|--|
| | 2x70 mm sq ssc upto earth connecting point, inspection chamber, etc. to achieve less than 1 to 5 ohm specified earthing results. Complete in all respects as per drawing and specification or as directed by the Engineer | No. | 1 | | |
| | Total for Bill Nr.3 | | | | |

4. HVAC

| Sr.No. | Description | Qty | Unit | Unit Rate | Amount Rs. |
|--------|---|------|------|-----------|------------|
| | Bill Nr.4: HVAC | | | | |
| | Schedule Items | | | | |
| 4.1 | Providing and fixing of approved quality and manufacturer best design Fire Extinguisher including all fittings complete in all respects. | Nos. | 2 | | |
| 4.2 | Supply and Erection of INVERTER BASED SPLIT AC (01 Ton) | Nos. | 2 | | |
| 4.3 | Supply and Erection of INVERTER BASED SPLIT AC (1.5 Ton) | Nos. | 2 | | |
| 4.4 | Supply and Erection of INVERTER BASED SPLIT AC (02 Ton) | Nos. | 6 | | |
| | Drain Piping | | | | |
| 4.5 | Supply & Installation of 5 mm thick polyethelene (PE) insulation for condensate drain pipes of required size for AHU and FCU pipes covered with PVC tape as per specifications / drawings with all accessories and fittings as approved and directed by Engineer Incharge. | | | | |
| | (i) 3/4 " dia pipe | Rft | 125 | | |
| | (ii) 1 " dia pipe | Rft | 82 | | |
| 4.6 | Supply and Installation of Gas & Liquid Copper Piping of specified size and thickness including the cost of Fittings, Welding Complete clamps/hangers/supports,testing charges and all other related material for installation purpose complete in all respect as approved and directed by the Engineer | | | | |

| | | | | | |
|----------------------------|---|-----|-----|--|--|
| 4.7 | (i) 1/4" | Rft | 65 | | |
| | (ii) 3/8" | Rft | 208 | | |
| | (iv) 5/8" | Rft | 145 | | |
| | Supply & installation closed cell type Aluminium foil faced XLPE (Cross linked polyethelene) polyolefin pipe insulation tube of density 25 Kg/m ³ of specified thickness & thermal conductivity 0.035 w/m °C and fire retardent of Class "o" rating as specified for refrigerant copper piping as approved by the Engineer Incharge. | | | | |
| | a) 20 mm thick | | | | |
| | (i) 1/4" | Rft | 65 | | |
| | (ii) 3/8" | Rft | 208 | | |
| | (iv) 5/8" | Rft | 145 | | |
| | | | | | |
| 4.8 | Supply and installation of pvc condensate drain pipes for indoor AC units including all fittings and accessories as required as approvde by the engineer. | | | | |
| | (i) 3/4 " dia pipe | Rft | 125 | | |
| | (ii) 1 " dia pipe | Rft | 82 | | |
| Total for Bill Nr.4 | | | | | |

| 5. Telephone and Data | | | | | |
|--------------------------------------|---|------|-----|----------------|------------|
| Sr. Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
| Bill Nr.5: Telephone and Data | | | | | |
| Electrical Works | | | | | |
| 5.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d | Rft | 296 | | |
| Data System | | | | | |
| 5.2 | Supply, Installation, testing and commissioning of Single Port Data outlet of 1 x RJ-45 I/Os for Cat-6 cable and with 16 SWG back box, complete in all respects | Each | 10 | | |

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|------|--|-----|--------|--|--|
| 5.3 | Telephone System Supply and Installation of Single Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects | No | 10 | | |
| 5.4 | Supply, installation, connecting, testing and commissioning of PABX suitable for 4 line & 15 extension (4 line means 4 in i.e. 4 PTCL numbers, and 15 users). | No | 1 | | |
| 5.5 | Supply and Installation of 10-Pair Telephone Junction Box with back mounting frame and connection strip Recessed in wall Type where shown on drawings, made of 16 SWG M.S. Sheet with hinged door. Completed in all respects | No | 1 | | |
| 5.6 | Data System: Supply and installation of 24-Ports CAT-6 Data Patch Panel complete with CAT-6 RJ-45 I/Os | No | 1.00 | | |
| 5.7 | Supply and installation of 16 Ports x 10/100/1000 Data Switch | No | 1.00 | | |
| 5.8 | Supply, installation of wall mounted fibre to the home panel (FTTH) of Single Port PON to accommodate main ONT system to be installed in bus stand office made of M.S sheet, powder coated, front glass door. | No | 1.00 | | |
| 5.9 | Supply, installation, testing and commissioning of Optical Network Terminal (ONT) to be installed where necessary Including cost of all necessary materials. Complete in all respects. | No | 1.00 | | |
| 5.10 | 12 U Double Section Data Cabinet with PDU | No | 1.00 | | |
| 5.11 | CABLE for DATA & Telephone Supply and installation / laying of UTP CAT-6, 4 Pair Cable for Telephone & DATA, in already laid PVC conduit, complete in all respect. | Rft | 296.05 | | |
| | Total for Bill Nr.5 | | | | |

6. CCTV

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|--|------|-----|----------------|------------|
| | Bill Nr.6: CCTV Electrical Works | | | | |

| | | | | |
|-----|--|-----|--------|--|
| 6.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 315 | |
| 6.2 | Supply, installation, testing and commissioning of Dome IP camera having following specifications:-Image device: At least 1/3 inch, Resolution & frames/sec: At least 4 MP/25fps, Video-Compression: H.265,H.264, MJPEG, Focal length: fixed of 2.8mm,4mm or 8mm. Min illumination: 0 \ux(B/W), 0.15 \ux (Colour),Infrared viewable length: At least 30 m, Weather proof standard: JP 66 at least, Vandal proof standard: At least IK10, complete in all respect as approved by the Engineer Incharge | No | 8.00 | |
| 6.3 | Supply, installation, testing and commissioning of bullet camera having following specifications:- Image device: At least 1/3 inch, Resolution & frames/sec: At least 4 MP/25fps, Video Compression: H.265,H.264, MJPEG, Focal length: fixed of 2.8mm,4mm or 8mm. Min illumination: 0 lux(B/W), 0.15 lux (Colour}, Infrared viewable length: At least 30 m, Weather proof standard: JP 66 at least, Vandal proof standard: At least IK10, complete in all respect as approved by the Engineer Incharge | No | 4.00 | |
| 6.4 | Supply, installation, testing and commissioning of 24 Ports Network Video Recorder with 8xPoE Ethernet ports, 24 x video and audio channels,Recording speed upto 720fps at 2592x1944, Supports resolution upto 2592x1944, Recorded streamsize: 200Mb/s in total, fromall cameras, 4 x internal place forHDD mounting, 2xmonitoroutputs(HDMI,VGA)andRACKmount, complete inall respect as approved by the Engineer Incharge | No | 1.00 | |
| 6.5 | Providing, Fixing & Installing 16 Port POE switches, complete inall respect asapproved by the engineer incharge as required. | No | 1.00 | |
| 6.6 | Providing and installing of 40" LED smart TV latest model suitable for operation on 220/230 V, 50 Hz AC supply including USB / HDMI Ports, Video In, Audio In, switchable to HDMI-I to HDMI-11 via wireless remote, flexible cord. Shoe, Wi-Fi, Bluetooth, wall bracket, rawal bolts, etc., complete with electric connection, as approved by the engineer incharge as required. | No | 1.00 | |
| 6.7 | Supply, installation and commissioning of 8TB Surveillance Grade Hard Drive complete in all respect as approved by the Engineer Incharge as per list of approved manufacturers | No | 1.00 | |
| | CABLE for CCTV | | | |
| 6.8 | Supply and installation / laying of UTP CAT-6, 4 Pair Cable for CCTV in already laid PVC | Rft | 315.00 | |

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|--|-----------------------------------|--|--|--|--|
| | conduit, complete in all respect. | | | | |
| | Total for Bill No 6 | | | | |

7. Fire Alarm System

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|--|------|--------|----------------|------------|
| | Bill Nr.7: Fire Alarm System | | | | |
| | Electrical Works | | | | |
| 7.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 473 | | |
| 7.2 | Supply, installation, testing & commissioning of Analogue Addressable Manual Call Point / Pull Station with Base and Back Box with Key UL Listed complete in all respects. | No | 3.00 | | |
| 7.3 | Supply, installation, testing & commissioning of Analogue Addressable Sounder with Flasher, 24 VDC, Mounting Base and with Base and Back Box with Key UL Listed complete in all respects. | No | 3.00 | | |
| 7.4 | Supply, installation, testing & commissioning of Analogue Addressable Optical Smoke Detector with Base; 24 VDC; UL LISTED, low voltage, solid state, Not Radio Active type, uni-polar and dual chamber with LED alarm indication to be installed on RCC slab, complete in all respects | No | 23.00 | | |
| 7.5 | Supply, installation, testing & commissioning of Micro processor based Fire Alarm Control Panel, suppression consisting of loops and can address around 125points, indicating circuits, including 2x12V VDC Batteries, suppression zone built in power supply, including stand by battery, alarm and trouble indication, silence alarm and reset system, general alarm and reset system, general alarm facility, complete in all respects. | No | 1.00 | | |
| 7.6 | Supply & erection of 2 core 1.5mmsq Fire Resistant cable | m | 144.17 | | |

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|--|----------------------------|--|--|--|--|
| | Total for Bill Nr.7 | | | | |
|--|----------------------------|--|--|--|--|

8. Public Address System

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|--|------|--------|----------------|------------|
| | Bill Nr.8: Public Address System | | | | |
| | Electrical Works | | | | |
| 8.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 268 | | |
| 8.2 | Supply, Installation, connecting, testing and commissioning of 2 Zone/channel 120 Watts high efficiency power amplifier. | No | 1.00 | | |
| 8.3 | Supply, Installation, connecting, testing and commissioning of 10 Watts high sound quality ceiling suspended loudspeaker with high strength fire resistant, ABS plastic. | No | 8.00 | | |
| 8.4 | Supply, Installation of Microphone of specified quality as per requirement made of (ECLER Europe). Complete in all respect. As approved and directed by Engineer Incharge. Desktop Remote Paging Microphone | No | 1.00 | | |
| 8.5 | Supply & installation of 1.5 mm ² , two core, PVC insulated wire in all kinds of existing or new conduit/cable duct as required. | Rft | 267.75 | | |
| | Total for Bill Nr.8 | | | | |

RENOVATION & EXTENSION OF CAT-D HOSPITAL IN KPK TEHSIL HEAD QUARTER KHANPUR HOSPITAL

ESMP Implementation Cost

| Item | Quantity | Tentative Cost per Item (PKR) | Total Cost (PKR) |
|---|----------|-------------------------------|------------------|
| Labour Safety | | | |
| Face Masks (3 PLY) - box | 70 | | |
| Safety Hard Helmets | 70 | | |
| Safety Shoes | 70 | | |
| Hand Gloves - box | 70 | | |
| Ear Plugs | 70 | | |
| Reflective Safety Vest | 70 | | |
| Safety Goggles | 70 | | |
| First Aid Box Complete | 8 | | |
| Infrared Thermometer (Benetech GM-2200 or equivalent) | 1 | | |
| Sub-Total | | | |
| Working Site Safety | | | |
| Safety Signs | 12 | | |
| Safety Cones | 40 | | |
| Safety Tape | 40 | | |
| Portable Delineator with chain | 16 | | |
| Emergency Portable Lights | 12 | | |
| Solid Waste Collection Drums with Cover | 10 | | |
| Fire Fighting Equipment Purchase and refilling | 10 | | |
| Sub-Total | | | |
| Others | | | |
| Hiring of Environmental Specialist (for 12 months) | 1 | | |
| Labour Campsite Management | Lump sum | | |
| Water Sprinkling | Lump sum | | |
| | | Sub-Total | |
| Environmental Analysis | | | |
| Air Monitoring (Before, During After) | 6 | | |
| Noise Monitoring (Before, During After) | 6 | | |
| Water Monitoring (Before, During After) | 6 | | |
| Sub-Total (PKR) | | | |
| Grand Total (PKR) | | | |

**RENOVATION & EXTENSION OF CAT-D HOSPITAL IN KPK
EMERGENCY SATELLITE HOSPITAL NAHAQI PESHAWAR**

1. Civil Works

| Sr.No. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|--|----------|--------|----------------|------------|
| | Bill Nr.1: Civil Works | | | | |
| 1.1 | Dismantling brick work in lime or cement mortar | 100 Cft | 55.91 | | |
| 1.2 | Dismantling : Plain Cement Concrete 1:4:8 | 100 Cft | 0.99 | | |
| 1.3 | Dismantling : Plain Cement Concrete 1:2:4 | 100 Cft | 0.75 | | |
| 1.4 | Dismantling RCC, separating reinforcement, cleaning & straightening the same | 100 Cft | 10.60 | | |
| 1.5 | Dismantling glazed or accoustics tiles etc. | 100 Sft | 198.35 | | |
| 1.6 | Dismantling 2nd class tile roofing | 100 Sft | 80.21 | | |
| 1.7 | Excavation in foundation of building, bridges etc. complete : in sand, ashes or loose soil | 1000 Cft | 7.74 | | |
| 1.8 | Structural backfill using Common Material available at site. | 1000 Cft | 3.87 | | |
| 1.9 | Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual | 100 Sft | 53.47 | | |
| 1.10 | Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (1.5" thick) | 100 Sft | 0.19 | | |
| 1.11 | Damp proof course in c/s plaster, 1 layer polythene, 1 coat bitumen Ratio 1:4 (0.75" thick) | 100 Sft | 0.40 | | |
| 1.12 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8) | 100 Cft | 22.46 | | |
| 1.13 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) | 100 Cft | 37.50 | | |
| 1.14 | Supplying and filling sand under floor or plugging in wells | 100 Cft | 7.03 | | |
| 1.15 | 1st class brick work in foundation and plinth | | | | |

| | | | | | |
|------|--|---------|--------|--|--|
| | in Cement, sand | | | | |
| | mortar 1:6 | 100 Cft | 20.16 | | |
| 1.16 | 1st class brick work in ground floor Cement, sand | | | | |
| | mortar 1:5 | 100 Cft | 42.21 | | |
| | First Floor | 100 Cft | 45.45 | | |
| 1.17 | 1st class brick work in ground floor Cement, sand | | | | |
| | mortar 1:4 | 100 Cft | 9.59 | | |
| | First Floor | 100 Cft | 6.71 | | |
| 1.18 | RCC in roof slab, beam, column & other structural members, insitu or precast. | | | | |
| | (1:1.5:3) (Lead 200 Km) | 100 Cft | 108.92 | | |
| 1.19 | RCC in raft foundation slab, base slab of column & ret. wall etc., not including in 06-07-a-02 | | | | |
| | (1:1.5:3) (Lead 200 Km) | 100 Cft | 13.65 | | |
| 1.20 | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal | 100 Sft | 142.45 | | |
| 1.21 | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical | 100 Sft | 139.01 | | |
| 1.22 | Supply & fabricate M.S. reinforcement for cement concrete | | | | |
| | (Hot rolled deformed bars Grade 60) | 100 Kg | 444.90 | | |
| 1.23 | Cement plaster 1:4 upto 20' height 3/4" thick | 100 Sft | 139.05 | | |
| 1.24 | Cement plaster 1:4 upto 20' height 1/2" thick | 100 Sft | 442.65 | | |
| 1.25 | Cement plaster 3/8" thick under soffit of RCC roof | | | | |
| | slabs only upto 20' height : (1:3) | 100 Sft | 1.41 | | |
| 1.26 | Preparing surface and painting with emulsion paint : | | | | |
| | First coat | 100 Sft | 444.06 | | |
| | 2nd & each subsequent coat. | 100 Sft | 444.06 | | |
| 1.27 | Preparing surface & painting with snowcem / weather shield paint : | | | | |
| | First coat | 100 Sft | 122.03 | | |
| | 2nd & subsequent coats | 100 Sft | 122.03 | | |
| 1.28 | Supply and Fixing aluminium door/window, Fixed Glazing Premium model (2.00 mm gauge) 3" section | Sft | 28.00 | | |
| 1.29 | Supply and Fixing aluminium door/window, Fly Screen Shutter Deluxe model (1.60 mm gauge) | Sft | 28.00 | | |
| 1.30 | Supply and Fixing of UPVC Windows (colour as approved) Premium quality Sliding window, including all necessary fittings and fly screen | | | | |

| | | | | | |
|------|---|---------|----------|--|--|
| | shutters complete. | Sft | 1,511.50 | | |
| 1.31 | Providing and fixing of tempered glass of approved quality and colour including all fitting complete in all respects | | | | |
| | a) 5 mm Thick | Sft | 1,511.50 | | |
| 1.32 | Providing, making and fixing of steel grill of MS pipe (2"x1") | | | | |
| | ornamental design i/c cost of painting complete. | Sft | 1,539.50 | | |
| 1.33 | Providing & fixing uPVC white colour full body doors with UPVC frame and chowkat including, locks and all hardware fittings, etc. | | | | |
| | complete in all respects | Sft | 801.50 | | |
| 1.34 | Supply and fixing of steel door comprising of steel pipe frame of size 1.25" x 2.5" & 1.25" x 2.5" square pipe at lock rail & divider above and below lock rail using 28 SWG plain sheet on both sides including | | | | |
| | hold fast, hinges & painting complete. | Sft | 24.00 | | |
| 1.35 | Providing and fixing 1.5" (38mm) thick pressed veneered door shutters fully flushed with First class wood veneering on all faces and sides fixed over deodar wood cavited core and frame work of not less than 4" (100mm) wide strips all round with approved brass | | | | |
| | hinges, tower bolts as required. | Sft | 24.50 | | |
| 1.36 | Porcelain tile floor of size 12"x24"x1/4" laid cement 1:2 over 3/4" thick cement mortar 1:2 of imported approved quality | 100 Sft | 98.46 | | |
| 1.37 | Providing and Fixing of Porcelain Floor Tile 24" x 24" of approved quality | 100 Sft | 1.41 | | |
| 1.38 | Khuras on roof 2'x2'x6" | Each | 2.00 | | |
| 1.39 | Bottom khuras of brick masonry in c/s mortar 1:6,4'x2'x4.5" over 3" cem. concrete 1:4:8 | Each | 2.00 | | |
| 1.40 | Fabrication of heavy steel work with angle, tees, sheet iron etc. for making trusses, girders etc. | Tonne | 17.95 | | |
| 1.41 | Erection and fitting in position iron trusses, staging of water tanks, etc. | Tonne | 17.95 | | |
| 1.42 | Providing and Fixing Precast Concrete 5000 psi TUFF Tiles 60mm thick over bed of 2" thick sand | 100 Sft | 15.10 | | |
| 1.43 | Providing and fixing kerb stone (12"x14"x6") in cement sand mortar 1:3 in center media or round about as specified | 100 Rft | 2.10 | | |
| 1.44 | Providing and laying 3/4"(19mm) thick Granite Black polished tiles of imported approved quality of any size on floor over 3/8" thick | | | | |

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|------|---|-----|-----------|--|--|
| | base cement sand mortar 1:3 including setting the tiles with Portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching colour including grinding, rubbing, polishing & mortar cost | Sft | 586.18 | | |
| 1.45 | Supply and fixing of fancy type stainless steel chromium plate 2" dia pipes stair railing 3/4" dia pipe fixed on specified space on steps in horizontal positions, complete in all respects | Rft | 50.00 | | |
| 1.46 | Providing and Fixing of 6mm thick Aluminium Cladding with 0.5mm Aluminium sheets of approved color & design on both sides of PVC (FR) including Cost of G.I.C channel 18 SWG frame, all necessary fittings, GI Scaffolding etc. complete in all respects (24"x36" Mesh) | Sft | 8,770.00 | | |
| 1.47 | Providing and Laying Dry Shake Terrazzo flooring in Natural Grey colour seam less , no panel joints , very high abrasion resistance including grinding and polishing, SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 17,136.53 | | |
| 1.48 | Providing and applying Hygienic Wall coating with one coat of Primer & one coat of Sika 403 W. Sika make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 22,218.72 | | |
| 1.49 | Providing and Laying Dry Shake Terrazzo flooring in colours (Red, Green & Brown) seam less , no panel joints , very high abrasion resistance including grinding and polishing, Sika make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 792.75 | | |
| 1.50 | Providing and laying 5mm thick PU flooring with 4mm thick Cementitious levelling screed 1mm 100% PU flooring Sika make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 1,163.40 | | |
| 1.51 | Providing and laying superb quality 3mm thick Non-Skid Chequered sheet of approved manufacturer , Colour and Shade including the cost of fixing material complete in all respect as approved and directed by the Engineer Incharge. | Sft | 1,275.00 | | |
| 1.52 | Providing & fixing in position Dampa Type Metal false ceiling | | | | |

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|------|---|-----|-----------|--|--|
| | in 2' x 2' & 0.7mm thick sheet with G.I Suspension System as per giving working drawings & specification etc. complete in all respects as per instruction & Satisfaction of the Engineer Incharge. | Sft | 19,836.08 | | |
| 1.53 | Providing and Fixing of Gutka Brick Tiles Jali on Elevation 2-1/4" x 2-1/4" x 9" with cement sand mortar 1:3 including cutting charges as per approved drawing, complete in all respect as approved and directed by the Engineer Incharge. | Sft | 5,184.00 | | |
| 1.54 | Supply, Fabrication and installation of Aluminum Door Half Kick Plate and Half 5mm thick Clear Glass (Local) With Gasket Hinged Doors, using Aluminium Profile 100x32x2.0mm Thick Champaign Anodized Colour with Accessories Alum Doors Handel + Lock (China) Door Closer (Made in Taiwan) complete in all respect as per direction/satisfaction of the Engineer. | Sft | 2,068.00 | | |
| 1.55 | Providing and laying roof insulation, comprising of single layer of tiles 9"x4½"x1½" (225x113x40 mm) grouted with cement sand mortar 1:3 laid over 2" (50 mm) thick earth (including mud plaster) over 1" thick thermopore sheet, over polythene sheet 300 gauge over a layer of bitumen, complete in all respects:- | Sft | 165.90 | | |
| 1.56 | Providing and applying 4mm thick torch-on water proofing bituminous membrane of specified thickness (made of Roof-Grip/ EuroBit or approved equivalent) duly lapped/ connected by heating with Torch over ps-6 primer i/c preparation/ smoothen the surface complete in all respect as approved and directed by the Engineer Incharge | Sft | 340.00 | | |
| 1.57 | Providing and embedding 10" (250mm) wide, 10mm thick PVC water stopper in expansion joints of RCC structures (Retaining walls, water tanks, Slabs) complete in all respect. | Rft | 40.00 | | |
| 1.58 | Providing and laying acrylic re-enforce cementitious waterproofing & Protective coating over exposed surfaces of R.C.C. Slab in order to provide water proofing, complete in all respect. | Sft | 7,957.00 | | |
| 1.59 | Providing and fixing of CFRP Strip 4" wide and 1.2mm thick fixing with epoxy (made of Radiant or approved equivalent) complete in all respect as approved and directed by the Engineer Incharge. | Rft | 706.00 | | |
| 1.60 | Providing and fixing of CFRP Wrap fixing | | | | |

| | | | | | |
|------|--|------|--------|--|--|
| | with epoxy (made of | | | | |
| | Radiant or approved equivalent) complete in all respect as approved and directed by the Engineer Incharge. | Rft | 930.00 | | |
| 1.61 | Providing and fixing of epoxy filling in steel drilling complete in all respect as approved and directed by the Engineer Incharge. | Each | 80.00 | | |
| 1.62 | Providing and laying of Cementitious repair Mortar (FR Mortar) complete in all respect as approved and directed by the Engineer Incharge. | Sft | 350.00 | | |
| 1.63 | Providing and fixing 16 Gauge M.S Gate with 2"x2" frame & 1/2"x1/2" Square Bar 4" center to Center and best quality rollers at bottom of 3" diameters including holdfast, including the cost of painting 3 coats of black enamel, complete in all respect as per drawings, specifications and directed by the Engineer Incharge. | Sft | 212.00 | | |
| 1.64 | Providing and fixing 1 1/4"x1 1/4"x3/16" (31x31x5 mm) angle iron step, including carriage and setting the same in work to correct lines and levels. | Each | 15.00 | | |
| 1.65 | Providing and fixing of Steel Lockers in Changing Room complete in all respect as per drawings, specifications and directed by the Engineer Incharge. | Sft | 168.00 | | |
| 1.66 | Providing and fixing 1-1/2' deep, with back MDF cabinet 3/4" thick with drawers 3" deep with handles hinges, screws etc., complete in all respects as per drawings, specifications and directed by the Engineer Incharge. | Sft | 72.00 | | |
| 1.67 | Providing and fixing aluminium glazed partition of anodized/ powder coated using section of M/s.Al-Cop/ Pakistan Cable or approved equivalent manufacturer, having 2mm thick frame size D48- A, i/c 1" thick Upvc Sheet with hardware and Floor hinge etc. complete in all respect as approved and directed by the Engineer Incharge. | Sft | 324.00 | | |
| 1.68 | Removing of Existing Material like Windows, ventilator, Doors, grill, railing, gate, rainwater down pipe etc. and handover the useable items like Bricks, Door, Windows, ventilator, grill, railing, gate, Electrical & HVAC items with proper shifting/ stacking within office premises and advised by the site incharge of Hospital. The debris shall be | | | | |

| | | | | | |
|--|---|-----|------|--|-----|
| Section IX – Particular Conditions of Contract | removed by the contractor and disposed far away from office premises. | Job | 1.00 | | 251 |
| | Total for Bill Nr.1 | | | | |

| 2. Plumbing Works | | | | | |
|-------------------|---|------|-------|----------------|------------|
| Sr.No. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
| | Bill Nr.2: Plumbing Works | | | | |
| 2.1 | Providing and fixing, chromium plated soap dish complete. | Each | 25.00 | | |
| 2.2 | Providing and Fixing CP (chromium plated) toilet paper holder complete | Each | 42.00 | | |
| 2.3 | Providing and Fixing chromium plated (CP) towel rail complete: 60 cm (24") long and 2 cm (3/4") di | Each | 25.00 | | |
| 2.4 | Providing and fixing 22" x 16" looking mirror of Imported glass complete with Aluminum frame of standared size & c.p screws | Each | 20.00 | | |
| 2.5 | Providing and Fixing glazed earthen ware WC European type of approved size excluding cost of seat & cover, complete in all respects: White | Each | 23.00 | | |
| 2.6 | Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects : White | Each | 7.00 | | |
| 2.7 | Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 2 cm 3/4" | Each | 6.00 | | |
| 2.8 | Undercounter Vanity type wash hand basin of approved make, colour, size, shape and quality, including jointing and sealing material, etc. with all accessories for complete installation. | Each | 29.00 | | |
| 2.9 | Providing and fixing chromium plated (CP) bottle trough / trap of approved quality with waste pipe complete : 1.25" (32 mm) i/d | Each | 29.00 | | |

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|----------------------------|--|------|----------|--|--|
| 2.10 | Providing and fixing chromum plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality | Each | 29.00 | | |
| 2.11 | Providing and fixing chromium plated (CP) tee stop cock 2 cm (3/4") of approved quality | Each | 29.00 | | |
| 2.12 | Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects | Each | 30.00 | | |
| PIPING & VALVES | | | | | |
| 2.13 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1" i/d | Rft | 307.00 | | |
| 2.14 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1-1/4" i/d | Rft | 1,073.00 | | |
| 2.15 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1-1/2" i/d | Rft | 695.00 | | |
| 2.16 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 2" i/d | Rft | 295.00 | | |
| 2.17 | Providing and fixing gun metal peet / gate valve (screwed) 32 mm (1-1/4") dia of approved quality | Each | 16.00 | | |
| 2.18 | Providing and fixing gun metal peet / gate valve (screwed) 40 mm 1-1/2" dia of approved quality | Each | 13.00 | | |
| 2.19 | Providing and fixing gun metal peet / gate valve (screwed) 50 mm & 63 mm (2") dia of approved quality | Each | 5.00 | | |

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|---------------------------|---|------|----------|--|--|
| 2.20 | Providing and Fixing 4" gully trap of approved quality including cement concrete cost of PVC grating 6" x6" (150 x 150 mm) and masonry chamber 12"x12" (300 x 300 mm) | Each | 15.00 | | |
| 2.21 | uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A" ,including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2" dia | Rft | 378.00 | | |
| 2.22 | Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia | Rft | 1,365.00 | | |
| 2.23 | Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia | Rft | 1,540.00 | | |
| 2.24 | Supplying and Fixing UPVC soil waste and vent pipe class B : 6" dia | Rft | 505.00 | | |
| 2.25 | Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc.manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class E (15 Bar) except excavation. 8" Nominal Pipe Size (NPS) | Rft | 275.00 | | |
| 2.26 | Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm) | Each | 55.00 | | |
| 2.27 | Providing and Fixing brass ball float valve of approved quality: 2" (50 mm) dia | Each | 1.00 | | |
| 2.28 | Air relief valves, of approved quality including jointing arrangement with pipe; nuts, bolts etc. complete in all respects. (i) 3/4 " | Each | 13.00 | | |
| 2.29 | Cowel on vent pipes of the following diameter. (i) 3" | Each | 38.00 | | |
| 2.30 | Providing and Fixing Best Quality Wall Shower Set 671/73 C.P | Each | 4.00 | | |
| Water Supply Pumps | | | | | |

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|----------------------------|--|------|-------|--|--|
| 2.31 | Supply, Install, Testing and Commissioning of vertical submersible pump complete with mounting base plates, control panel and level switches, dry running protection, IP65, complete valves on discharge pipe i.e., non return valve and gate valve . Complete in all respect as shown on drawings. And in accordance with specifications, one duty one stand by Q = 30 GPM , H = 60 Feet Pressure Head | Each | 2.00 | | |
| 2.32 | Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) or approved equivalent manufacturer i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge. (i) 15 Gal capacity | Each | 17.00 | | |
| 2.33 | Providing & fixing PVC Catch pits complete with PVC grating. | Each | 8.00 | | |
| 2.34 | Supply & Installation of Insulated GRP Over head water tank having capacity 500 Gallons | Nos. | 1.00 | | |
| 2.35 | Testing and Commissioning Testing and commissioning for complete plumbing system including pressure testing, leakage, pump start up etc including all service required to make the complete plumbing system functional | Job | 1.00 | | |
| Total for Bill Nr.2 | | | | | |

3. Electrical

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|--|------|--------|----------------|------------|
| 3.1 | Bill Nr.3: Electrical Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Point Wiring) | Rft | 11,863 | | |
| 3.2 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Circuit Wiring) | Rft | 4,550 | | |

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|------|--|------|--------|--|--|
| 3.3 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Power Wiring) | Rft | 5,010 | | |
| 3.4 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For AC Wiring) | Rft | 2,440 | | |
| 3.5 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc : 4" i/d (For Main Power Cable) | Rft | 150 | | |
| 3.6 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable :3/0.029" 1/2" i/d (For Point Wiring) | Rft | 35,589 | | |
| 3.7 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 3/0.036" (For Circuit Wiring) | Rft | 13,650 | | |
| 3.8 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036" (For Power Circuits Wiring) | Rft | 15,030 | | |
| 3.9 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.044" (For AC Wiring) | Rft | 7,320 | | |
| 3.10 | Supply and Erection best quality exhaust fan complete with shutter & regulator : 12"sweep | Each | 15 | | |
| 3.11 | Supply and Fixing of 24" dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings | Each | 11 | | |
| 3.12 | Supply at site, installation, testing and commissioning of 2 & 3 pin switched socket unit 5/10 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects. | Each | 177 | | |
| 3.13 | Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects. | Each | 66 | | |
| 3.14 | Supply at site, installation, testing and commissioning of the One gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 10 | | |

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|------|---|------|----|--|--|
| 3.15 | Supply at site, installation, testing and commissioning of the Two gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 22 | | |
| 3.16 | Supply at site, installation, testing and commissioning of the Three gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 34 | | |
| 3.17 | Supply at site, installation, testing and commissioning of the Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 70 | | |
| 3.18 | Supply at site, installation, testing and commissioning of the Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 41 | | |
| 3.19 | <p>Low Tension Main Panel Board (LTMPB-GF)</p> <p>Fabrication, supply at site, installation and commissioning of LT Main Panel board (LTMPB) indoor type, floor mounted made of sheet steel 14 SWG , with flexible earthing straps, degreased and de-rusted, zinc phosphated, finished with electro-static powder coating of 15 micron thickness in approved colour, panel housing to comply with protection class IP-40, with hinged door, lockable handle, all auxiliaries, internal wiring, designation labels on MCCBS, earthing bar, numbering beads on the control wires, LTMPB suitable for system Voltage 415 V, 50 Hz, 3 Phase & neutral, bus bars of 99.8% purity electrolytic copper, including cost of cable termination lugs, brass cable glands for incoming & outgoing cables, wiring from breakers, indication lamps, instruments and control all accessories complete in all respects.</p> <p>All incoming and outgoing breakers shall be accessible by opening the front door having additional M.S. sheet cover. Gaskets shall also be provided where necessary. LTMPB shall have thermostatically controlled exhaust fan and tube light with door switch on each cubicle.</p> <p>Incoming</p> <p>01 No: 630 ATP MCCB, RC:50 kA</p> <p>01 No: Digital Ampere Meter 0~630A With Selector Switch</p> <p>01 No: Digital Volt Meter 0~600VAC With Selector Switch</p> | | | | |

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|------|---|------|---|--|--|
| | <p>01 No. Under/Over Voltage, Phase failure, Phase loss protection relay</p> <p>03 Nos: Current Transformer 400/5A</p> <p>03 Nos: Control MCB for protection</p> <p>03 Nos: Indication Lamp (R+Y+B)</p> <p>01 Job: Brass Cable Gland for Incoming Cable</p> <p>Outgoing</p> <p>08 Nos: 32 ATP MCCB RC:10 kA</p> <p>02 Nos: 40 ATP MCCB RC:10 kA</p> <p>01 No: 80 ATP MCCB RC:15 kA</p> <p>01 No: 160 ATP MCCB RC:20 kA</p> <p>02 Nos: 30/80 ATP MCCB (Spare)</p> <p>Complete In all respect as per single line diagram</p> | Each | 1 | | |
| 3.20 | <p>Distribution Boards</p> <p>Supply of Common distribution board at site, fabrication, installation, testing, commissioning and connections of wires / cables of Distribution Boards “Light / Power” concealed type to be installed as and where shown on drawing, made of MS sheet 16 SWG degreased and degusted, zinc phosphated, finished with electro-static powder coating of 15 micron thickness in approved colour with hinged door, flexible earthing strap lockable handle, catcher, earthing strip neutral strip, internal wiring from MCBs terminating on cable terminal blocks, including cost of all necessary materials complete in all respects. All DBs mentioned below shall have 3 phase indication lamps transformer type of colour Red Yellow, Blue and 1-Voltmeter scaled 0-500 Vwith selector switch.</p> <p>DISTRIBUTION BOARD LIGHT & POWER WARD (TYPICAL)</p> <p>(DBLP-01,02,03-WARD-GF) INSTALLED AT GROUND FLOOR.</p> <p>Incoming</p> <p>01 No. 32 ATP MCCB, RC:10kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>2 Nos. 10 ASP MCB for Lighting Circuits</p> <p>9 Nos 20 ASP MCB for Power Circuits</p> <p>4 Nos 10/20 ASP MCB Spare</p> <p>Complete In all respect as per single line diagram</p> | Each | 3 | | |
| | DISTRIBUTION BOARD LIGHT & POWER COMMON | | | | |

| | | | | | |
|--|---|------|---|--|--|
| | <p>(DBLP-COM-GF) INSTALLED AT GROUND FLOOR</p> <p>Incoming</p> <p>01 No. 80 ATP MCCB, RC:20kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>23 Nos. 10 ASP MCB for Lighting Circuits</p> <p>23 Nos 20 ASP MCB for Power Circuits</p> <p>5 Nos 10/20 ASP MCB Spare</p> <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD AC (DBAC-GF) INSTALLED AT GROUND FLOOR</p> <p>Incoming</p> <p>01 No. 40 ATP MCCB, RC:10kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>11 Nos 20 ASP MCB for Power Circuits</p> <p>4 Nos 20 ASP MCB Spare</p> <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER WARD (DBLP-01,02-WARD-1F) INSTALLED AT FIRST FLOOR</p> <p>Incoming</p> <p>01 No. 32 ATP MCCB, RC:10kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>2 Nos 10 ASP MCB for Lighting Circuits</p> <p>9 Nos 20 ASP MCB for Power Circuits</p> <p>4 Nos 20 ASP MCB Spare</p> <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER WARD (DBLP-3-WARD-1F) INSTALLED AT FIRST FLOOR</p> <p>Incoming</p> | Each | 1 | | |
| | | Each | 1 | | |
| | | Each | 2 | | |

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|--|---|------|---|--|--|
| | <p>01 No. 32 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 1 No 10 ASP MCB for Lighting Circuits 8 Nos 20 ASP MCB for Power Circuits 3 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER OT (DBLP-OT-1F) INSTALLED AT FIRST FLOOR Incoming 01 No. 32 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 2 Nos 10 ASP MCB for Lighting Circuits 8 Nos 20 ASP MCB for Power Circuits 2 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER CSSD (DBLP-CSSD-1F) INSTALLED AT FIRST FLOOR Incoming 01 No. 160 ATP MCCB, RC:20kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 4 Nos 10 ASP MCB for Lighting Circuits 5 Nos 20 ASP MCB for Power Circuits 3 Nos 10/20 ASP MCB Spare 02 Nos. 63A TP MCCB RC: 10kA 02 Nos. 20A DP MCB RC: 10kA 01 No. 125A TP MCCB RC: 16kA 02 Nos. 20/63 ATP MCCB RC:10KA (spare) Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT &</p> | Each | 1 | | |
| | | Each | 1 | | |
| | | Each | 1 | | |

| | | | | | |
|------|---|------|-----|--|--|
| | POWER COMMON | | | | |
| | (DBLP-COM-1F) INSTALLED AT FIRST FLOOR | | | | |
| | Incoming | | | | |
| | 01 No. 40 ATP MCCB, RC:15kA | | | | |
| | 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch | | | | |
| | 03 Nos. Indication Lamp (R+Y+B) | | | | |
| | Outgoing | | | | |
| | 17 Nos 10 ASP MCB for Lighting Circuits | | | | |
| | 12 Nos 20 ASP MCB for Power Circuits | | | | |
| | 4 Nos 10/20 ASP MCB Spare | | | | |
| | Complete In all respect as per single line diagram | Each | 1 | | |
| | DISTRIBUTION BOARD AC" (DBAC-1F) INSTALLED | | | | |
| | AT FIRST FLOOR. | | | | |
| | Incoming | | | | |
| | 01 No. 32 ATP MCCB, RC:10kA | | | | |
| | 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch | | | | |
| | 03 Nos. Indication Lamp (R+Y+B) | | | | |
| | Outgoing | | | | |
| | 07 Nos 20 ASP MCB for Power Circuits | | | | |
| | 2 Nos 20 ASP MCB Spare | | | | |
| | Complete In all respect as per single line diagram | Each | 1 | | |
| 3.21 | Providing & laying 4 core , of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , un armored L.T cable in prelaid pipe/G.I. wire/trenches, etc. | | | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-01,02,03-WARD-GF) | Rft | 390 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBAC-GF) | Rft | 15 | | |
| | 4 Core 35 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-COM-GF) | Rft | 15 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-01,02-WARD-1F) | Rft | 300 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-03-WARD-1F) | Rft | 103 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-OT-1F) | Rft | 90 | | |

| | | | | | |
|------|--|------|-------|--|--|
| | 4 Core 120 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-CSSD-1F) | Rft | 84 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-COM-1F) | Rft | 60 | | |
| | 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBAC-1F) | Rft | 60 | | |
| 3.22 | Providing & laying 3 core cables of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor, un armored L.T cable in prelaid pipe/G.I. wire/trenches, etc. 2 Nos. 3 Core 6 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable | Rft | 60 | | |
| 3.23 | Providing & laying 1 core cables of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor, un armored L.T cable in prelaid pipe/G.I. wire/trenches, etc. | | | | |
| | From Transformer to LTMPB (8 No. 1-Core 185 mm.sq Cu/PVC/PVC) | Rft | 1,200 | | |
| 3.24 | Providing & laying 1 core cables of following sizes , PVC insulated & PVC sheathed, 450/750 volts grade with stranded copper conductor, un armored L.T cable in prelaid pipe/G.I. wire/trenches, etc. | | | | |
| | (Copper Protective Conductor) | | | | |
| | 1 Core 16 mm2 Cu PVC/PVC 450/750 V CPC | Rft | 1,117 | | |
| | 1 Core 70 mm2 Cu PVC/PVC 450/750 V CPC | Rft | 300 | | |
| 3.25 | Fitting & Fixtures | | | | |
| | Lights | | | | |
| | Supply, installation, testing and commissioning of following light fittings, ceiling, wall mounted complete with all accessories make Philips, pierlite, Sunlight or Osram , internal wiring, earthing terminal.as per instructions of the engineer. | | | | |
| | Ceiling Panel Light 2' x 2' with 36W LED | Each | 128 | | |
| | Ceiling Recessed Down Light LED 12 Watt | Each | 54 | | |
| | Ceiling Recessed Down Light LED 18 Watt | Each | 294 | | |
| | Mirror Light 18 Watt | Each | 24 | | |
| | Watertight Bulkhead Light with 18 Watt LED | Each | 30 | | |
| | Step lights 6W | Each | 10 | | |
| | Power Sockets | | | | |

| | | | | | |
|------|---|------|-----|--|--|
| | Supply, installation and testing of 13 Amps Universal Power Socket. | Each | 109 | | |
| | Supply, installation and testing of 3 Phase 5-Pin Industrial Power Socket 63 Amp | Each | 2 | | |
| | Supply, installation and testing of 3 Phase 5-Pin Industrial Power Socket 125 Amp | Each | 1 | | |
| | Supply, installation and testing of Single Phase 3-Pin Industrial Power Socket 16 Amp | Each | 3 | | |
| 3.26 | Supply at site & installation of PVC back boxes compatible with switch & socket plates to be installed. | | | | |
| | Back Box: 3" x 3" | Each | 136 | | |
| | Back Box: 3" x 6" | Each | 41 | | |
| | Junction Box 9"x7" for general use | Each | 2 | | |
| 3.27 | Fans Providing & installing False Ceiling Fan (Bax Fan) with remote, 24" (2' x 2') size including connections, complete in all respect as approved by the Engineer Incharge | Each | 88 | | |
| 3.28 | Floor Outlet Box (FOB) Supply ,Fabrication and installation of floor outlet boxes made of mild steel 16 SWG of appropriate size but not less than 300mmx300mmx150mm openable hinged cover 2.5mm thick 2 coats of antirust paint and further coats of enamelled paint all necessary material/arrangement for fixation of power , Data and Telephone sockets holes, passage of outgoing cables , rubber grommet , earthing terminal and partition made of backlite make by thermic or approved equivalent . FOB shall be installed flush with floor , sample shall be submitted to site engineer before purchase of FOB . | Each | 9 | | |
| 3.29 | Diesel Generator Set: a) Supply at site installation testing & commissioning of Diesel Generator 300 kVA,1500 rpm, 50Hz, with generator output 400/230V, 3phase, 4 wire. Generator should be complete with sound attenuation canopy, control panel (ATS) and Earthing | Each | 1 | | |
| 3.30 | Earthing System - Rod Type Supply, installation, testing and commissioning of complete earthing system for LT Panel. The work shall include 3 meter long copper rod of 20 mm dia size with bare copper conductor 2x70 mm sq. ssc upto | | | | |

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|--|---|-----|---|--|--|
| | earth connecting point, inspection chamber, etc. to achieve less than 1 to 5 ohm specified earthing results. Complete in all respects as per drawing and specification or as directed by the Engineer | No. | 1 | | |
| | Total for Bill Nr.3 | | | | |

| 4. HVAC | | | | | |
|----------------|---|------------|-------------|-----------------------|-------------------|
| Sr.Nr. | Description | Qty | Unit | Unit Rate (Rs) | Amount Rs. |
| | Bill Nr.4: HVAC | | | | |
| | FIRE EXTINGUISHER SYSTEM | | | | |
| 4.1 | Providing and fixing of approved quality and manufacturer best design Fire Extinguisher including all fittings complete in all respects. | Nos. | 6 | | |
| 4.2 | Supply and Erection of INVERTER BASED SPLIT AC (01 Ton) | Nos. | 9 | | |
| 4.3 | Supply and Erection of INVERTER BASED SPLIT AC (1.5 Ton) | Nos. | 21 | | |
| 4.4 | Supply and Erection of INVERTER BASED SPLIT AC (02 Ton) | Nos. | 2 | | |
| | Drain Piping | | | | |
| 4.5 | Supply & Installation of 5 mm thick polyethylene (PE) insulation for condensate drain pipes of required size for AHU and FCU pipes covered with PVC tape as per specifications / drawings with all accessories and fittings as approved and directed by Engineer Incharge. | | | | |
| | (i) 3/4 " dia pipe | Rft | 455 | | |
| | (ii) 1 " dia pipe | Rft | 195 | | |
| 4.6 | Supply and Installation of Gas & Liquid Copper Piping of specified size and thickness including the cost of Fittings, Welding Complete clamps/hangers/supports, testing charges and all other related material for installation purpose complete in all respect as approved and directed by the Engineer Incharge | | | | |

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|-----|---|-----|------|--|--|
| | (i) 1/4" | Rft | 695 | | |
| | (ii) 3/8" | Rft | 1041 | | |
| | (iv) 5/8" | Rft | 579 | | |
| 4.7 | Supply & installation closed cell type Aluminium foil faced XLPE (Cross linked polyethylene) polyolefin pipe insulation tube of density 25 Kg/m ³ of specified thickness & thermal conductivity 0.035 w/m °C and fire retardant of Class "o" rating as specified for refrigerant copper piping as approved by the Engineer Incharge. | | | | |
| | a) 20 mm thick | | | | |
| | (i) 1/4" | Rft | 695 | | |
| | (ii) 3/8" | Rft | 1041 | | |
| | (iv) 5/8" | Rft | 579 | | |
| 4.8 | Supply and installation of pvc condensate drain pipes for indoor AC units including all fittings and accessories as required as approved by the engineer. | | | | |
| | (i) 3/4 " dia pipe | Rft | 455 | | |
| | (ii) 1 " dia pipe | Rft | 195 | | |
| | Total for Bill Nr.4 | | | | |

5. Telephone and Data

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|---|------|-------|----------------|------------|
| | Bill Nr.5: Telephone and Data | | | | |
| | Electrical Works | | | | |
| 5.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 1,630 | | |
| | Data System | | | | |
| 5.2 | Supply, Installation, testing and commissioning of Single Port Data outlet of 1 x RJ-45 I/Os for Cat-6 cable and with 16 SWG back box, complete in all respects | Each | 15 | | |
| | Telephone System | | | | |
| 5.3 | Supply and Installation of Single Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects | No | 15 | | |
| 5.4 | Supply, installation, connecting, testing and commissioning of PABX suitable for 4 line & 15 extension (4 line means 4 in i.e 4 PTCL numbers, and 15 users). | No | 1 | | |
| | Supply and Installation of 10-Pair Telephone | | | | |

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|----------------------------|---|-----|----------|--|--|
| 5.5 | Junction Box with back mounting frame and connection strip Recessed in wall Type where shown on drawings, made of 16 SWG M.S. Sheet with hinged door. Completed in all respects | No | 1 | | |
| 5.6 | Data System: Supply and installation of 16-Ports x10/100/1000 Data Switch | No | 2.00 | | |
| 5.7 | Supply and installation of 24-Ports CAT-6 Data Patch Panel complete with CAT-6 RJ-45 I/Os | No | 1.00 | | |
| 5.8 | Supply, installation of wall mounted fiber to the home panel (FTTH) of Single Port PON to accommodate main ONT system to be installed made of M.S sheet, powder coated, front glass door. | No | 1.00 | | |
| 5.9 | Supply, installation, testing and commissioning of Optical Network Terminal (ONT) to be installed where necessary Including cost of all necessary materials. Complete in all respects. | No | 2.00 | | |
| 5.10 | 12 U Double Section Data Cabinet with PDU | No | 1.00 | | |
| 5.11 | CABLE for DATA & Telephone Supply and installation / laying of UTP CAT-6, 4 Pair Cable for Telephone & DATA, in already laid PVC conduit, complete in all respect. | Rft | 2,400.00 | | |
| Total for Bill Nr.5 | | | | | |

| 6. CCTV | | | | | |
|---------|---|------|-------|----------------|------------|
| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
| | Bill Nr.6: CCTV | | | | |
| | Electrical Works | | | | |
| 6.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 2,700 | | |
| 6.2 | Supply, installation, testing and commissioning of Dome IP camera having following specifications:-Image device: At least 1/3 inch, Resolution & frames/sec: At least 4 MP/25fps, Video-Compression: H.265,H.264, MJPEG, Focal length: fixed of 2.8mm,4mm or 8mm. Min illumination: 0 \ux(B/W), 0.15 \ux (Colour),Infrared viewable length: At least 30 m, Weather proof standard: JP 66 at least, Vandal | No | 45.00 | | |

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| | proof standard: At least IK10, complete in all respect as approved by the Engineer Incharge | | | | |
| 6.3 | Supply, installation, testing and commissioning of bullet camera having following specifications:- Image device: At least 1/3 inch, Resolution & frames/sec: At least 4 MP/25fps, Video Compression: H.265,H.264, MJPEG, Focal length: fixed of 2.8mm,4mm or 8mm. Min illumination: 0 lux(B/W), 0.15 lux (Colour}, Infrared viewable length: At least 30 m, Weather proof standard: JP 66 at least, Vandal proof standard: At least IK10, complete in all respect as approved by the Engineer Incharge | No | 5.00 | | |
| 6.4 | Supply, installation, testing and commissioning of 64 Channel NVR 64 PoE/Poe+ ports having following specifications:- Max recording rate: 300Mbps Embedded system: Linux or latest, VGA and HDML(upto 4K support) & Dual Monitor Compression:H.265, H.264, MJPEG, Internal storage: upto 8 SATA (Max 64TB), External storage: 1 e-SATA, Monitoring: Web viewer and Mobile viewer Camera support: ONVIF, complete in all respect as approved by the Enoineer Incharge. | No | 1.00 | | |
| 6.5 | Providing, Fixing & Installing 24 Port POE switches, with 2 SFP ports, complete in all respect as approved by the engineer incharge as required. | No | 3.00 | | |
| 6.6 | Providing and installing of 40" LED smart TV latest model suitable for operation on 220/230 V, 50 Hz AC supply including USB / HDMI Ports, Video In, Audio In, switchable to HDMI-I to HDMI-11 via wireless remote, flexible cord.shoe, wifi, bluetooth, wall bracket, rawal bolts, etc, complete with electric connection, as approved by the engineer incharge as required. | No | 1.00 | | |
| 6.7 | Supply, installation and commissioning of 8TB Surveillance Grade Hard Drive complete in all respect as approved by the Engineer Incharge as per list of approved manufacturers | No | 1.00 | | |
| 6.8 | CABLE for CCTV Supply and installation / laying of UTP CAT-6, 4 Pair Cable for CCTV in already laid PVC conduit, complete in all respect. | Rft | 2,700.00 | | |

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| | Total for Bill Nr.6 | | | | |
|--|----------------------------|--|--|--|--|

| 7. Fire Alarm System | | | | | |
|-----------------------------|--|-------------|------------|-----------------------|-------------------|
| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
| | Bill Nr.7: Fire Alarm System | | | | |
| | Electrical Works | | | | |
| 7.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 2,540 | | |
| 7.2 | Supply, installation, testing & commissioning of Analogue Addressable Manual Call Point / Pull Station with Base and Back Box with Key UL Listed complete in all respects. | No | 13.00 | | |
| 7.3 | Supply, installation, testing & commissioning of Analogue Addressable Sounder with Flasher, 24 VDC, Mounting Base and with Base and Back Box with Key UL Listed complete in all respects. | No | 13.00 | | |
| 7.4 | Supply, installation, testing & commissioning of Analogue Addressable Optical Smoke Detector with Base; 24 VDC; UL LISTED, low voltage, solid state, Not Radio Active type, uni-polar and dual chamber with LED alarm indication to be installed on RCC slab, complete in all respects | No | 104.00 | | |
| 7.5 | Supply, installation, testing & commissioning of Micro processor based Fire Alarm Control Panel, suppression consisting of loops and can address around 125points, indicating circuits, including 2x12V VDC Batteries, suppression zone built in power supply, including stand by battery, alarm and trouble indication, silence alarm and reset system, general alarm and reset system, general alarm facility, complete in all respects. | No | 1.00 | | |
| 7.6 | Supply & erection of 2 core 1.5mmsq Fire Resistant cable | m | 774.19 | | |
| | Total for Bill Nr.7 | | | | |

| 8. Public Address System | | | | | |
|---------------------------------|--------------------|-------------|------------|-----------------------|-------------------|
| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |

| Bill Nr.8: Public Address System | | | | | |
|---|--|-----|----------|--|--|
| Electrical Works | | | | | |
| 8.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 1,975 | | |
| 8.2 | Supply, Installation, connecting, testing and commissioning of 2 Zone, Multichannel 500 Watts Power high efficiency power amplifier. (ECLER Europe) | No | 1.00 | | |
| 8.3 | Supply, Installation connecting, testing and commissioning of Digital Zone Manager with 14 inputs and 8 outputs with embedded web-server application (control from standard web browser in Windows / MacOS, etc.) for its configuration; remote control from physical wall installation panels, call (paging) stations and applications for mobile devices (Android, iOS). Includes DSP with specific functions for both inputs and outputs. | No | 1.00 | | |
| 8.4 | Supply, Installation connecting, testing and desktop Paging Microphone. (ECLER Europe) | No | 1.00 | | |
| 8.5 | Supply, Installation, connecting, testing and commissioning of 6 Watts high sound quality ceiling suspended loudspeaker ABS plastic. (ECLER Europe) | No | 54.00 | | |
| 8.6 | Installation, connecting, testing and commissioning of Dynamic Microphone. (ECLER Europe) | No | 2.00 | | |
| 8.7 | Supply & installation of 1.5 mm ² , two core, PVC insulated wire in all kinds of existing or new conduit/cable duct as required. | Rft | 1,975.00 | | |
| Total for Bill Nr.8 | | | | | |

| 9. O.H.R 10,000 Gallons | | | | | |
|--------------------------------|--|-------------|------------|------------------|-------------------|
| Sr.Nr. | Description | Unit | Qty | Unit Rate | Amount Rs. |
| | Bill Nr.9: O.H.R 10,000 Gallons | | | | |
| 9.1 | Excavation in foundation of building, | | | | |

| | | | | | |
|------|--|----------|--------|--|--|
| | bridges etc. complete : | | | | |
| | in sand, ashes or loose soil | 1000 Cft | 6.46 | | |
| 9.2 | Structural backfill using Common Material available at site. | 1000 Cft | 3.23 | | |
| 9.3 | Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual | 100 Sft | 8.08 | | |
| 9.4 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8) | 100 Cft | 6.71 | | |
| 9.5 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) | 100 Cft | 1.63 | | |
| 9.6 | Supplying and filling sand under floor or plugging in wells | 100 Cft | 214.58 | | |
| 9.7 | 1st class brick work in foundation and plinth in Cement, sand mortar 1:6 | 100 Cft | 1.80 | | |
| 9.8 | RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3) (Lead 200 Km) | | | | |
| | 1'-6" to 21'-6" | 100 Cft | 7.40 | | |
| | 21'-6" to 31'-6" | 100 Cft | 3.19 | | |
| | 31'-6" to 40'-9" | 100 Cft | 5.29 | | |
| | 40'-9" to 49'-3" | 100 Cft | 7.56 | | |
| 9.9 | RCC in raft foundation slab, base slab of column & ret. wall etc., not including in 06-07-a-02 (1:1.5:3) (Lead 200 Km) | 100 Cft | 6.26 | | |
| 9.10 | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal | 100 Sft | 20.99 | | |
| 9.11 | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical | 100 Sft | 44.28 | | |

| | | | | | |
|------|---|-----------------|--------|--|--|
| 9.12 | Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60) | 100 Kg | 120.26 | | |
| 9.13 | Providing and Fixing Precast Concrete 5000 psi TUFF Tiles 60mm thick over bed of 2" thick sand | 100 Sft | 6.50 | | |
| 9.14 | Providing and fixing GI pipe railing (3 feet high) | 100 Rft/3row | 1.90 | | |
| 9.15 | Providing and fixing sluice valve of BSS quality (BS 5163) and weight Class 'B' for Cast Iron & AC pipe line (including cost of jointing material):- d) 8" (200 mm) dia of Valve | Each | 4.00 | | |
| 9.16 | Providing and embedding 10" (250mm) wide, 10mm thick PVC water stopper in expansion joints of RCC structures (Retaining walls, water tanks, Slabs) complete in all respect. | Rft | 57.75 | | |
| 9.17 | Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, including carriage and setting the same in work to correct lines and levels. | Each | 7.00 | | |
| 9.18 | Providing, transportation, laying, cutting, jointing, testing, commissioning & disinfecting M.S Pipe, Schedule-40, including fittings (such as bend, tee, cross collar reducer, tail piece, flanged spigot, cap, flanged socket, taper, angle branch, plug etc.). 8" i/d | Rft | 200.00 | | |
| 9.19 | Cleaning, testing & disinfecting over head reservoir complete in all respects upto the satisfaction of the Project Manager | Job | 1.00 | | |
| 9.20 | Providing and fixing C.I 4" dia air vent of approved quality and design on the top of tank as per details provided in the drawings. Complete in all respects. | Each | 1.00 | | |

| | | | | | | |
|--|---|------|------|--|--|-----|
| Section IX – Particular Conditions of Contract | | | | | | 271 |
| 9.21 | Supplying and fixing in position 2.75' x 2.75' MS sheet, 1/8" thick at the top of reservoir as per drawings, complete in all respects. | Each | 1.00 | | | |
| 9.22 | Providing, installing, testing and commissioning Hydrostatic Level Submersible Transmitter/ Indicator for direct mounting in Over Head Reservoirs make of USA/Europe or equivalent, along with Level Display unit, Shielded wire of 3m complete in all respect as per instructions of the Engineer Incharge and including the following features. | Each | 1.00 | | | |
| Total for Bill Nr.9 | | | | | | |

10. ESMP Implementation Cost

| Item | Quantity | Tentative Cost per Item (PKR) | Total Cost (PKR) |
|---|----------|-------------------------------|------------------|
| Labour Safety | | | |
| Face Masks (3 PLY) - box | 70 | | |
| Safety Hard Helmets | 70 | | |
| Safety Shoes | 70 | | |
| Hand Gloves - box | 70 | | |
| Ear Plugs | 70 | | |
| Reflective Safety Vest | 70 | | |
| Safety Goggles | 70 | | |
| First Aid Box Complete | 8 | | |
| Infrared Thermometer (Benetech GM-2200 or equivalent) | 1 | | |
| Sub-Total | | | |
| Working Site Safety | | | |
| Safety Signs | 12 | | |
| Safety Cones | 40 | | |
| Safety Tape | 40 | | |
| Portable Delineator with chain | 16 | | |
| Emergency Portable Lights | 12 | | |
| Solid Waste Collection Drums with Cover | 10 | | |
| Fire Fighting Equipment Purchase and refilling | 10 | | |
| Sub-Total | | | |
| Others | | | |
| Hiring of Environmental Specialist (for 12 months) | 1 | | |
| Labour Campsite Management | Lump sum | | |
| Water Sprinkling | Lump sum | | |
| | | | |
| Environmental Analysis | | | |

| | | | |
|---|---|--|--|
| Air Monitoring (Before, During After) | 6 | | |
| Noise Monitoring (Before, During After) | 6 | | |
| Water Monitoring (Before, During After) | 6 | | |
| Sub-Total (PKR) | | | |
| Grand Total (PKR) | | | |

| <u>RENOVATION & EXTENSION OF CAT-D HOSPITAL IN KPK</u> <u>HOSPITAL YAR HUSSAIN SWABI</u> | | | | | |
|---|--|-------------|------------|-----------------------|-------------------|
| 1. Civil Works | | | | | |
| Sr.No. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
| | Bill Nr.1: Civil Works | | | | |
| 1.1 | Dismantling brick work in lime or cement mortar | 100 Cft | 86.32 | | |
| 1.2 | Dismantling glazed or accoustics tiles etc. | 100 Sft | 126.86 | | |
| 1.3 | Excavation in foundation of building, bridges etc. complete : in sand, ashes or loose soil | 1000 Cft | 20.23 | | |
| 1.4 | Structural backfill using Common Material available at site. | 1000 Cft | 10.11 | | |
| 1.5 | Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual | 100 Sft | 110.76 | | |
| 1.6 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8) | 100 Cft | 10.49 | | |
| 1.7 | Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) | 100 Cft | 2.66 | | |
| 1.8 | 1st class brick work in foundation and plinth in Cement, sand mortar 1:6 | 100 Cft | 18.40 | | |
| 1.9 | 1st class brick work in ground floor Cement, sand mortar 1:5 | 100 Cft | 12.27 | | |

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|------|---|---------|--------|--|--|
| | First Floor | 100 Cft | 86.05 | | |
| 1.10 | 1st class brick work in ground floor Cement, sand mortar 1:4 | 100 Cft | 8.82 | | |
| | First Floor | 100 Cft | 10.59 | | |
| 1.11 | RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3) (Lead 200 Km) | 100 Cft | 60.02 | | |
| 1.12 | RCC in raft foundation slab, base slab of column & ret. wall etc., not including in 06-07-a-02 (1:1.5:3) (Lead 200 Km) | 100 Cft | 33.47 | | |
| 1.13 | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal | 100 Sft | 59.97 | | |
| 1.14 | Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical | 100 Sft | 113.25 | | |
| 1.15 | Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60) | 100 Kg | 339.36 | | |
| 1.16 | Cement plaster 1:4 upto 20' height 3/4" thick | 100 Sft | 112.46 | | |
| 1.17 | Cement plaster 1:4 upto 20' height 1/2" thick | 100 Sft | 447.80 | | |
| 1.18 | Preparing surface and painting with emulsion paint : First coat | 100 Sft | 447.80 | | |
| | 2nd & each subsequent coat. | 100 Sft | 447.80 | | |
| 1.19 | Preparing surface & painting with snowcem / weathershield paint : First coat | 100 Sft | 91.29 | | |
| | 2nd & subsequent coats | 100 Sft | 91.29 | | |
| 1.20 | Supply and Fixing of UPVC Windows (colour as approved) Premium quality Sliding window, including all necessary fittings and fly screen | | | | |

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|------|--|---|---------|----------|--|--|
| | | shutters complete. | Sft | 901.50 | | |
| 1.21 | | Providing and fixing of tempered glass of approved quality and colour including all fitting complete in all respects a) 5 mm Thick | Sft | 901.50 | | |
| 1.22 | | Providing, making and fixing of steel grill of MS pipe (2"x1") ornamental design i/c cost of painting complete. | Sft | 901.50 | | |
| 1.23 | | Providing & fixing uPVC white colour full body doors with UPVC frame and chowkat including, locks and all hardware fittings, etc. complete in all respects | Sft | 400.00 | | |
| 1.24 | | Porcelain tile floor of size 12"x24"x1/4" laid cement 1:2 over 3/4" thick cement mortar 1:2 of imported approved quality | 100 Sft | 38.72 | | |
| 1.25 | | Khuras on roof 2'x2'x6" | Each | 2.00 | | |
| 1.26 | | Bottom khuras of brick masonry in c/s mortar 1:6,4'x2'x4.5" over 3" cem. concrete 1:4:8 | Each | 2.00 | | |
| 1.27 | | Fabrication of heavy steel work with angle, tees, sheet iron etc. for making trusses, girders etc. | Tonne | 24.07 | | |
| 1.28 | | Erection and fitting in position iron trusses, staging of water tanks, etc. | Tonne | 24.07 | | |
| 1.29 | | Provide & fix ornamental cement jali 1:2:4 2" thick without steel. | 100 Sft | 4,160.00 | | |
| 1.30 | | Supply and fixing of fancy type stainless steel chromium plate 2" dia pipes stair railing 3/4" dia pipe fixed on specified space on steps in horizontal positions, complete in all respects | Rft | 60.00 | | |
| 1.31 | | Providing and Fixing of 6mm thick Aluminium Cladding with 0.5mm Aluminium sheets of approved color & design on both sides of PVC (FR) including Cost of G.I.C channel 18 SWG frame, all necessary | | | | |

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|------|--|-----|------------|--|--|
| 1.32 | fittings, GI Scaffolding etc. complete in all respects (24"x36" Mesh) | Sft | 5,582.00 | | |
| | Providing and Laying Dry Shake Terrazzo flooring in Natural Grey colour seam less , no panel joints , very high abrasion resistance including grinding and polishing, SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 121,546.43 | | |
| | 1.33 Providing and applying Hygienic Wall coating with one coat of Primer & one coat of SIKA 403 W. SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 16,991.44 | | |
| | 1.34 Providing and Laying Dry Shake Terrazzo flooring in colours (Red, Green & Brown) seam less , no panel joints , very high abrasion resistance including grinding and polishing, SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 1,737.75 | | |
| | 1.35 Providing and laying 5mm thick PU flooring with 4mm thick Cementitious levelling screed 1mm 100% PU flooring SIKA make or approved equivalent complete in all respects as per drawings, specifications and as directed by the Engineer in charge. | Sft | 1,138.20 | | |
| | 1.36 Providing and laying superb quality 3mm thick Non-Skid Chequered sheet of approved manufacturer , Colour and Shade including the cost of fixing material complete in all respect as approved and directed by the Engineer Incharge. | Sft | 1,504.10 | | |
| 1.37 | Providing & fixing in position Dampa Type Metal false ceiling in 2' x 2' & 0.7mm thick sheet with G.I Suspension System as per giving working drawings & specification etc. complete in all respects as per instruction & Satisfaction of the Engineer Incharge. | Sft | 12,853.58 | | |

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|------|--|------|-----------|--|
| 1.38 | Supply, Fabrication and installation of Aluminium Door Half Kick Plate and Half 5mm thick Clear Glass (Local) With Gasket Hinged Doors, using Aluminium Profile 100x32x2.0mm Thick Champaign Anodized Colour with Accessories Alum Doors Handel + Lock (China) Door Closer (Made in Taiwan) complete in all respect as per direction/satisfaction of the Engineer. | Sft | 1,184.00 | |
| 1.39 | Supply, Fabrication, & Installation of Double Leaf & Single leaf Doors 12mm clear Tempered Glass (Local) , using 2mm thick Aluminium (H) section on top and bottom, u channel on sides Silver colour, Floor Hinge machine(China), SS Handel set (18" Long) and Dead lock. complete in all respect as per direction/ satisfaction of the Engineer. | Sft | 288.00 | |
| 1.40 | Providing and laying roof insulation, comprising of single layer of tiles 9"x4½"x1½" lain in 1:6 C/S mortar and grouted with cement sand mortar 1:3 laid over 3" thick earth with proper slope (including ¾" mud plaster mixed with bhoosa or rice husk) over 30mm thick (XPS) layer with proper jointing arrangements as per manufacturer specification (3" thick min.) over polythene sheet (single layer 500 gauge & 3" overlap) over two coats of approved bitumen @ 40 lbs .per 100 sft (total for both coats) & single coat of primer @ 30 lbs per 100 Sft complete in all respects. | Sft | 1,562.00 | |
| 1.41 | Providing and fixing of CFRP Strip 4" wide and 1.2mm thick fixing with epoxy (made of Radiant or approved equivalent) complete in all respect as approved and directed by the Engineer Incharge. | Rft | 375.00 | |
| 1.42 | Providing and fixing of CFRP Wrap fixing with epoxy (made of Radiant or approved equivalent) complete in all respect as approved and directed by the Engineer Incharge. | Sft | 797.00 | |
| 1.43 | Providing and fixing of epoxy filling in steel drilling complete in all respect as approved and directed by the Engineer Incharge. | Each | 10,166.00 | |

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|------|--|------|--------|--|--|
| 1.44 | Providing and laying of Cementitious repair Mortar (FR Mortar) complete in all respect as approved and directed by the Engineer Incharge. | Each | 250.00 | | |
| 1.45 | Providing and fixing of Steel Lockers in Changing Room complete in all respect as per drawings, specifications and directed by the Engineer Incharge. | Sft | 70.00 | | |
| 1.46 | Providing and fixing 1-1/2' deep, with back MDF cabinet 3/4" thick with drawers 3" deep with handles hinges, screws etc., complete in all respects as per drawings, specifications and directed by the Engineer Incharge. | Sft | 88.00 | | |
| 1.47 | Providing and fixing aluminium glazed partition of anodized/ powder coated using section of M/s.Al-Cop/ Pakistan Cable or approved equivalent manufacturer, having 2mm thick Frame size D48- A, i/c 1" thick Upvc Sheet with hardware and Floor hinge etc. complete in all respect as approved and directed by the Engineer Incharge. | Sft | 415.00 | | |
| 1.48 | Removing of Existing Material like Windows, ventilator, Doors, grill, railing, gate, rainwater down pipe etc. and handover the useable items like Bricks, Door, Windows, ventilator, grill, railing, gate, Electrical & HVAC items with proper shifting/ stacking within office premises and advised by the site incharge of Hospital. The debris shall be removed by the contractor and disposed far away from office premises. | Job | 1.00 | | |
| | Total for Bill Nr.1 | | | | |

2. Plumbing Works

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|-------------|------|-----|----------------|------------|
|--------|-------------|------|-----|----------------|------------|

| Bill Nr.2: Plumbing Works | | | | | |
|----------------------------------|--|------|-------|--|--|
| 2.1 | Providing and fixing, chromium plated soap dish complete. | Each | 11.00 | | |
| 2.2 | Providing and Fixing CP (chromium plated) toilet paper holder complete | Each | 13.00 | | |
| 2.3 | Providing and Fixing chromium plated (CP) towel rail complete: 60 cm (24") long and 2 cm (3/4") di | Each | 6.00 | | |
| 2.4 | Providing and fixing 22" x 16" looking mirror of Imported glass complete with Aluminum frame of standard size & c.p screws | Each | 6.00 | | |
| 2.5 | Providing and Fixing glazed earthen ware WC European type of approved size excluding cost of seat & cover, complete in all respects: White | Each | 3.00 | | |
| 2.6 | Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects : White | Each | 5.00 | | |
| 2.7 | Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 2 cm 3/4" | Each | 4.00 | | |
| 2.8 | Undercounter Vanity type wash hand basin of approved make, colour, size, shape and quality, including jointing and sealing material, etc. with all accessories for complete installation. | Each | 7.00 | | |
| 2.9 | Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 56x40 cm (22"x16"), including bracket set, waste coupling, complete in all respects: White with pedestal (Best Quality) | Each | 4.00 | | |
| 2.10 | Providing and fixing chromium plated (CP) bottle trough / trap of approved quality with waste pipe complete : 1.25" (32 mm) i/d | Each | 11.00 | | |
| 2.11 | Providing and fixing chorimum plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality | Each | 11.00 | | |

| | | | | | |
|----------------------------|--|------|--------|--|--|
| 2.12 | Providing and fixing chromium plated (CP) tee stop cock 2 cm (3/4") of approved quality | Each | 30.00 | | |
| 2.13 | Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects | Each | 8.00 | | |
| PIPING & VALVES | | | | | |
| 2.14 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1" i/d | Rft | 176.00 | | |
| 2.15 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1-1/4" i/d | Rft | 422.00 | | |
| 2.16 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1-1/2" i/d | Rft | 365.00 | | |
| 2.17 | Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 2" i/d | Rft | 41.00 | | |
| 2.18 | Providing and fixing gun metal peet / gate valve (screwed) 32 mm (1-1/4") dia of approved quality | Each | 4.00 | | |
| 2.19 | Providing and fixing gun metal peet / gate valve (screwed) 40 mm 1-1/2" dia of approved quality | Each | 6.00 | | |
| 2.20 | Providing and fixing gun metal peet / gate valve (screwed) 50 mm & 63 mm (2") dia of approved quality | Each | 1.00 | | |

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| 2.21 | uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A" ,including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2" dia | Rft | 283.00 | | |
| 2.22 | Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia | Rft | 277.00 | | |
| 2.23 | Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia | Rft | 375.00 | | |
| 2.24 | Supplying and Fixing UPVC soil waste and vent pipe class B : 6" dia | Rft | 738.00 | | |
| 2.25 | Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm) | Each | 13.00 | | |
| 2.26 | Air relief valves, of approved quality including jointing arrangement with pipe; nuts, bolts etc. complete in all respects. (i) 3/4 " | Each | 5.00 | | |
| 2.27 | Cowel on vent pipes of the following diameter. (i) 3" | Each | 8.00 | | |
| 2.28 | Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) or approved equivalent manufacturer i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge. (i) 15 Gal capacity | Each | 3.00 | | |
| 2.29 | Supply & Installation of Insulated GRP Over head water tank having capacity 1000 Gallons | Nos. | 1.00 | | |
| 2.30 | Providing & fixing PVC Catch pits complete with PVC grating. | Each | 14.00 | | |
| | Testing and Commissioning | | | | |
| 2.31 | Testing and commissioning for complete plumbing system including pressure testing, leakage, pump start up etc. including all service required to make the complete plumbing system functional | Job | 1.00 | | |

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| | Total for Bill Nr.2 | | | | |

| 3. Electrical | | | | | |
|----------------------|--|-------------|------------|-----------------------|-------------------|
| Sr.No. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
| | Bill Nr.3: Electrical | | | | |
| | Electrical Works | | | | |
| 3.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Point Wiring) | Rft | 3,222 | | |
| 3.2 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Circuit Wiring) | Rft | 1,675 | | |
| 3.3 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For Power Wiring) | Rft | 1,855 | | |
| 3.4 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d (For AC Wiring) | Rft | 837 | | |
| 3.5 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 4" i/d (For Main Power Cable) | Rft | 150 | | |
| 3.6 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 3/0.029" 1/2" i/d (For Point Wiring) | Rft | 9,667 | | |
| 3.7 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 3/0.036" (For Circuit Wiring) | Rft | 5,024 | | |
| 3.8 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036" (For Power Circuits Wiring) | Rft | 5,566 | | |
| 3.9 | Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.044" (For AC Wiring) | Rft | 2,511 | | |

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|------|---|------|----|--|--|
| 3.10 | Supply and Erection best quality exhaust fan complete with shutter & regulator : 12"sweep | Each | 4 | | |
| 3.11 | Supply and Fixing of 24" dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings | Each | 23 | | |
| 3.12 | Supply at site, installation, testing and commissioning of 2 & 3 pin switched socket unit 5/10 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects. | Each | 22 | | |
| 3.13 | Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects. | Each | 34 | | |
| 3.14 | Supply at site, installation, testing and commissioning of the One gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 5 | | |
| 3.15 | Supply at site, installation, testing and commissioning of the Two gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 11 | | |
| 3.16 | Supply at site, installation, testing and commissioning of the Three gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 19 | | |
| 3.17 | Supply at site, installation, testing and commissioning of the Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 28 | | |
| 3.18 | Supply at site, installation, testing and commissioning of the Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects. | Each | 18 | | |
| 3.19 | CABLE TRAY WITH COVER Supply installation of Perforated MS Cable Tray, White Powder Coated with RAL 7035 including nuts, bolts, washer and jointing plates (4-Holes on each Joint Plate) Perforation on bottom and both sides (Capsule Type Perforation) of sizes as mentioned below for installation of Power cables and System cables including earth | | | | |

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| | braided at each point. | | | | |
| | 6 inch wide X 3 inch high | Rft | 294.00 | | |
| | 3 inch wide X 3 inch high | Rft | 63.00 | | |
| | MS Cable Tray Cover White Powder Coated | | | | |
| | 6 inch wide | Rft | 294.00 | | |
| | 3 inch wide | Rft | 63.00 | | |
| 3.20 | TRANSFORMER Supply, installation, testing and commissioning of new outdoor oil type following size step down transformers having HT & LT connections manufactured according to IEC/DISCO specification and standard. Including cost of all necessary accessories. Complete in all respect. 400kVA | Each | 1.00 | | |
| 3.21 | Distribution Boards Supply of Common distribution board at site, fabrication, installation, testing, commissioning and connections of wires / cables of Distribution Boards “Light / Power” concealed type to be installed as and where shown on drawing, made of MS sheet 16 SWG degreased and degusted, zinc phosphated, finished with electro-static powder coating of 15 micron thickness in approved colour with hinged door, flexible earthing strap lockable handle, catcher, earthing strip neutral strip, internal wiring from MCBs terminating on cable terminal blocks, including cost of all necessary materials complete in all respects. All DBs mentioned below shall have 3 phase indication lamps transformer type of colour Red Yellow, Blue and 1-Voltmeter scaled 0-500 Vwith selector switch. DISTRIBUTION BOARD LIGHT & POWER OT (DBLP-1-2-OT-1F) INSTALLED AT FIRST FLOOR Incoming 01 No. 32 ATP MCCB, RC:10kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 2 Nos 10 ASP MCB for Lighting Circuits 5 Nos 20 ASP MCB for Power Circuits 2 Nos 20 ASP/20 ADP MCB Spare 1 No 20 ADP MCB for IPS | | | | |

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|--|--|------|---|--|--|
| | <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER CSSD (DBLP-CSSD-1F) INSTALLED AT FIRST FLOOR</p> <p>Incoming</p> <p>01 No. 160 ATP MCCB, RC:20kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>3 Nos 10 ASP MCB for Lighting Circuits</p> <p>7 Nos 20 ASP MCB for Power Circuits</p> <p>2 Nos 20 ASP MCB Spare</p> <p>02 Nos. 63A TP MCCB RC: 10kA</p> <p>01 Nos. 20A DP MCB RC: 10kA</p> <p>01 No. 125A TP MCCB RC: 16kA</p> <p>02 Nos. 20/63 ATP MCCB RC:10KA (spare)</p> <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER WARD (DBLP-1-WARD-1F) INSTALLED AT FIRST FLOOR.</p> <p>Incoming</p> <p>01 No. 80 ATP MCCB, RC:20kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>06 No. 10 ASP MCP for Lighting Circuit</p> <p>22 Nos 20 ASP MCB for Power Circuits</p> <p>05 Nos 10/20 ASP MCB Spare</p> <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER COMMON (DBLP-01-COM-1F) INSTALLED AT FIRST FLOOR</p> <p>Incoming</p> <p>01 No. 32 ATP MCCB, RC:15kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> | Each | 2 | | |
| | | Each | 1 | | |
| | | Each | 1 | | |
| | | | | | |

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|--|---|------|---|--|--|
| Section IX – Particular Conditions of Contract | <p>14 No. 10 ASP MCP for Lighting Circuit</p> <p>05 Nos 20 ASP MCB for Power Circuits</p> <p>02 Nos 10/20 ASP MCB Spare</p> <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD AC (DB-AC-1F) INSTALLED AT FIRST FLOOR</p> <p>Incoming</p> <p>01 No. 40 ATP MCCB, RC:15kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>10 Nos 20 ASP MCB for Power Circuits</p> <p>02 Nos 10/20 ASP MCB Spare</p> <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER WARD (DBLP-NURSERY-1F) INSTALLED AT FIRST FLOOR</p> <p>Incoming</p> <p>01 No. 40 ATP MCCB, RC:15kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>02 No. 10 ASP MCP for Lighting Circuit</p> <p>17 Nos 20 ASP MCB for Power Circuits</p> <p>02 Nos 10/20 ASP MCB Spare</p> <p>Complete In all respect as per single line diagram</p> <p>DISTRIBUTION BOARD LIGHT & POWER COMMON (DBLP-02-COM-1F) INSTALLED AT FIRST FLOOR</p> <p>Incoming</p> <p>01 No. 32 ATP MCCB, RC:15kA</p> <p>01 Nos. Digital Volt Meter 0~400VAC With Selector Switch</p> <p>03 Nos. Indication Lamp (R+Y+B)</p> <p>Outgoing</p> <p>06 No. 10 ASP MCP for Lighting Circuit</p> <p>09 Nos 20 ASP MCB for Power Circuits</p> <p>04 Nos 10/20 ASP MCB Spare</p> | Each | 1 | | |
| | | Each | 1 | | |
| | | Each | 1 | | |

| | | | | | |
|------|--|--|---|--|--|
| | | Complete In all respect as per single line diagram | Each | 1.00 | |
| | | DISTRIBUTION BOARD LIGHT & POWER WARD (DBLP-2-WARD-1F) INSTALLED AT FIRST FLOOR Incoming 01 No. 63 ATP MCCB, RC:15kA 01 Nos. Digital Volt Meter 0~400VAC With Selector Switch 03 Nos. Indication Lamp (R+Y+B) Outgoing 03 No. 10 ASP MCP for Lighting Circuit 16 Nos 20 ASP MCB for Power Circuits 02 Nos 10/20 ASP MCB Spare Complete In all respect as per single line diagram | Each | 1 | |
| 3.22 | | Providing & laying 4 core, of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , un armored L.T cable in prelaid pipe/G.I. wire/trenches, etc. 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-01-OT-1F,) 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-02-OT-1F) 4 Core 25 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-COM-WARD-1F) 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-01-COM-1F) 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-NURSERY-1F) 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-02-COM-1F) 4 Core 120 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-CSSD-1F) 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBLP-2-WARD-1F) 4 Core 16 mm2 Copper Conductor non-armoured , PVC Insulated, PVC Sheathed, 660 / 1000 volt cable (to DBAC-1F) | Rft Rft Rft Rft Rft Rft Rft Rft Rft | 164 158 161 119 128 128 58 180 5,145 | |

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|------|--|------|-------|--|
| 3.23 | Providing & laying 1 core cables of following sizes , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor, un armored L.T cable in prelaid pipe/G.I. wire/trenches, etc. From Transformer to LTMPB (1-Core 185 mm.sq Cu/PVC/PVC) | Rft | 1,200 | |
| 3.24 | Providing & laying 1 core cables of following sizes , PVC insulated & PVC sheathed, 450/750 volts grade with stranded copper conductor, un armored L.T cable in prelaid pipe/G.I. wire/trenches, etc. (Copper Protective Conductor) 1 Core 16 mm2 Cu PVC/PVC 450/750 V CPC | Rft | 6,181 | |
| | 1 Core 70 mm2 Cu PVC/PVC 450/750 V CPC | Rft | 58 | |
| 3.25 | Fitting & Fixtures Lights Supply, installation, testing and commissioning of following light fittings, ceiling, wall mounted complete with all accessories make Philips, pierlite, Sunlight or Osram , internal wiring, earthing terminal.as per instructions of the engineer. Ceiling Panel Light 2' x 2' with 36W LED | Each | 100 | |
| | Ceiling Recessed Down Light LED 12 Watt | Each | 41 | |
| | Ceiling Recessed Down Light LED 18 Watt | Each | 189 | |
| | Mirror Light 18 Watt | Each | 12 | |
| | Watertight Bulkhead Light with 18 Watt LED | Each | 63 | |
| | Wall Bracket Light 12 Watt | Each | 19 | |
| | Power Sockets Supply, installation and testing of 13 Amps Universal Power Socket. | Each | 38 | |
| | Supply, installation and testing of 3 Phase 5-Pin Industrial Power Socket 63 Amp | Each | 2 | |
| | Supply, installation and testing of 3 Phase 5-Pin Industrial Power Socket 125 Amp | Each | 1 | |
| | Supply, installation and testing of Single Phase 3-Pin Industrial Power Socket 16 Amp | Each | 3 | |
| 3.26 | Supply at site & installation of PVC back boxes compatible with switch & socket plates to be installed. Back Box: 3" x 3" | Each | 63 | |
| | Back Box: 3" x 6" | Each | 18 | |
| | Junction Box 9"x7" for general use | Each | 2 | |

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| 3.27 | Fans Providing & installing False Ceiling Fan (Bax Fan) with remote, 24" (2' x 2') size including connections, complete in all respect as approved by the Engineer Incharge (Voldam /Pak/ Royal) | Each | 44 | | |
| 3.28 | Floor Outlet Box (FOB) Supply ,Fabrication and installation of floor outlet boxes made of mild steel 16 SWG of appropriate size but not less than 300mmx300mmx150mm openable hinged cover 2.5mm thick 2 coats of antirust paint and further coats of enamelled paint all necessary material/arrangement for fixation of power , Data and Telephone sockets holes, passage of outgoing cables , rubber grommet , earthing terminal and partition made of backlite make by thermic or approved equivalent . FOB shall be installed flush with floor , sample shall be submitted to site engineer before purchase of FOB . | Each | 18 | | |
| 3.29 | Diesel Generator Set: a) Supply at site installation testing & commissioning of Diesel Generator 300 kVA,1500 rpm, 50Hz, with generator output 400/230V, 3phase, 4 wire. Generator should be complete with sound attenuation canopy, control panel (ATS) and Earthing | Each | 1 | | |
| 3.30 | Earthing System - Rod Type Supply, installation, testing and commissioning of complete earthing system for Panel, Transformer and Genset. The work shall include 3 meter long copper rod of 20 mm dia size with bare copper conductor 2x70 mm sq ssc upto earth connecting point, inspection chamber, etc. to achieve less than 1 to 5 ohm specified earthing results. Complete in all respects as per drawing and specification or as directed by the Engineer | No. | 2 | | |
| Total for Bill Nr.3 | | | | | |

| 4. HVAC | | | | | |
|---------|---------------------------------|-----|------|----------------|------------|
| Sr.Nr. | Description | Qty | Unit | Unit Rate (Rs) | Amount Rs. |
| | Bill Nr.4: HVAC | | | | |
| | FIRE EXTINGUISHER SYSTEM | | | | |

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|-----|---|------|-----|--|--|
| 4.1 | Providing and fixing of approved quality and manufacturer best design Fire Extinguisher including all fittings complete in all respects. | Nos. | 4 | | |
| 4.2 | Supply and Erection of INVERTER BASED SPLIT AC (01 Ton) | Nos. | 6 | | |
| 4.3 | Supply and Erection of INVERTER BASED SPLIT AC (1.5 Ton) | Nos. | 14 | | |
| 4.4 | Supply and Erection of INVERTER BASED SPLIT AC (02 Ton) | Nos. | 3 | | |
| | Drain Piping | | | | |
| 4.5 | Supply & Installation of 5 mm thick polyethylene (PE) insulation for condensate drain pipes of required size for AHU and FCU pipes covered with PVC tape as per specifications / drawings with all accessories and fittings as approved and directed by Engineer Incharge. | | | | |
| | (i) 3/4 " dia pipe | Rft | 475 | | |
| | (ii) 1 " dia pipe | Rft | 200 | | |
| 4.6 | Supply and Installation of Gas & Liquid Copper Piping of specified size and thickness including the cost of Fittings, Welding Complete clamps/hangers/supports, testing charges and all other related material for installation purpose complete in all respect as approved and directed by the Engineer Incharge | | | | |
| | (i) 1/4" | Rft | 651 | | |
| | (ii) 3/8" | Rft | 651 | | |
| | (iv) 5/8" | Rft | 145 | | |
| 4.7 | Supply & installation closed cell type Aluminium foil faced XLPE (Cross linked polyethylene) polyolefin pipe insulation tube of density 25 Kg/m ³ of specified thickness & thermal conductivity 0.035 w/m °C and fire retardant of Class "o" rating as specified for refrigerant copper piping as approved by the Engineer Incharge. | | | | |
| | a) 20 mm thick | | | | |
| | (i) 1/4" | Rft | 651 | | |
| | (ii) 3/8" | Rft | 651 | | |
| | (iv) 5/8" | Rft | 145 | | |
| 4.8 | Supply and installation of pvc condensate drain pipes for indoor AC units including all fittings and accessories as required as approved by the engineer. | | | | |
| | (i) 3/4 " dia pipe | Rft | 475 | | |
| | (ii) 1 " dia pipe | Rft | 200 | | |

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| | Total for Bill Nr.4 | | | | |
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| 5. Telephone and Data | | | | | |
|------------------------------|--|-------------|------------|-----------------------|-------------------|
| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
| | Bill Nr.5: Telephone and Data | | | | |
| | Electrical Works | | | | |
| 5.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 1,230 | | |
| | Data System | | | | |
| 5.2 | Supply, Installation, testing and commissioning of Single Port Data outlet of 1 x RJ-45 I/Os for Cat-6 cable and with 16 SWG back box, complete in all respects | Each | 19 | | |
| | Telephone System | | | | |
| 5.3 | Supply and Installation of Single Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects | No | 21 | | |
| 5.4 | Supply, installation, connecting, testing and commissioning of PABX suitable for 4 line & 15 extension (4 line means 4 in i.e 4 PTCL numbers, and 15 users). | No | 2 | | |
| 5.5 | Supply and Installation of 10-Pair Telephone Junction Box with back mounting frame and connection strip Recessed in wall Type where shown on drawings, made of 16 SWG M.S. Sheet with hinged door. Completed in all respects | No | 1 | | |
| 5.6 | Supply and installation of 24-Ports CAT-6 Data Patch Panel complete with CAT-6 RJ-45 I/Os | No | 1.00 | | |
| 5.7 | Supply and installation of 16 Ports x 10/100/1000 Data Switch | No | 2.00 | | |
| 5.8 | Supply, installation of rack-mounted fibre to the home panel (FTTH) | No | 1.00 | | |
| 5.9 | Supply, installation, testing and commissioning of Optical Network Terminal (ONT) to be installed where necessary Including cost of all necessary materials. Complete in all respects. | No | 2.00 | | |

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|------|--|-----|----------|--|--|
| 5.10 | 12 U Wall Mounted Double Section Data Cabinet with PDU | No | 1.00 | | |
| 5.11 | CABLE for DATA & Telephone Supply and installation / laying of UTP CAT-6, 4 Pair Cable for Telephone & DATA, in already laid PVC conduit, complete in all respect. | Rft | 1,230.00 | | |
| | Total for Bill Nr.5 | | | | |

6. CCTV

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|---|------|-------|----------------|------------|
| | Bill Nr.6: CCTV | | | | |
| 6.1 | Electrical Works Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 1,286 | | |
| 6.2 | Supply, installation, testing and commissioning of Dome IP camera having following specifications:-Image device: At least 1/3 inch, Resolution & frames/sec: At least 4 MP/25fps, Video-Compression: H.265,H.264, MJPEG, Focal length: fixed of 2.8mm,4mm or 8mm. Min illumination: 0 \ux(B/W), 0.15 \ux (Colour),Infrared viewable length: At least 30 m, Weather proof standard: JP 66 at least, Vandal proof standard: At least IK10, complete in all respect as approved by the Engineer Incharge | No | 22.00 | | |
| 6.3 | Supply, installation, testing and commissioning of 24 Ports Network Video Recorder with 8 x PoE Ethernet ports, 24 x video and audio channels, Recording speed up to 720 fps at 2592 x 1944, Supports resolution up to 2592 x 1944, Recorded stream size: 200 Mb/s in total, from all cameras, 4 x internal place for HDD mounting, 2 x monitor outputs (HDMI, VGA) and RACK mount, complete in all respect as approved by the Engineer Incharge | No | 1.00 | | |
| 6.4 | Providing, Fixing & Installing 24 Port POE Giga Bit switches, complete in all respect as approved by the engineer incharge as required. | No | 1.00 | | |

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|----------------------------|--|-----|----------|--|--|
| 6.5 | Providing and installing of 40" LED smart TV latest model suitable for operation on 220/230 V, 50 Hz AC supply including USB / HDMI Ports, Video In, Audio In, switchable to HDMI-I to HDMI-11 via wireless remote, flexible cord. Shoe, Wi-Fi, Bluetooth, wall bracket, rawal bolts, etc., complete with electric connection, as approved by the engineer incharge as required. | No | 1.00 | | |
| 6.6 | Supply, installation and commissioning of 8TB Surveillance Grade Hard Drive complete in all respect as approved by the Engineer Incharge as per list of approved manufacturers | No | 1.00 | | |
| 6.7 | CABLE for CCTV Supply and installation / laying of UTP CAT-6, 4 Pair Cable for CCTV in already laid PVC conduit, complete in all respect. | Rft | 1,286.25 | | |
| Total for Bill Nr.6 | | | | | |

7. Fire Alarm System

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|-------------------------------------|---|------|-------|----------------|------------|
| Bill Nr.7: Fire Alarm System | | | | | |
| Electrical Works | | | | | |
| 7.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 1,076 | | |
| 7.2 | Supply, installation, testing & commissioning of Analogue Addressable Manual Call Point / Pull Station with Base and Back Box with Key UL Listed complete in all respects. | No | 6.00 | | |
| 7.3 | Supply, installation, testing & commissioning of Analogue Addressable Sounder with Flasher, 24 VDC, Mounting Base and with Base and Back Box with Key UL Listed complete in all respects. | No | 6.00 | | |
| 7.4 | Supply, installation, testing & commissioning of Analogue Addressable Optical Smoke Detector with Base; 24 VDC; UL LISTED, low voltage, solid state, Not Radio Active type, uni-polar and dual chamber with LED alarm indication to be installed on RCC slab, complete in all respects. | No | 50.00 | | |
| 7.5 | Supply, installation, testing & commissioning of Micro processor based Fire Alarm Control Panel, suppression consisting of loops and can | | | | |

| | | | | | |
|-----|---|----|--------|--|--|
| 7.6 | address around 125points, indicating circuits, including 2x12V VDC Batteries, suppression zone built in power supply, including stand by battery, alarm and trouble indication, silence alarm and reset system, general alarm and reset system, general alarm facility, complete in all respects. | No | 1.00 | | |
| | Supply & erection of 2 core 1.5mmsq Fire Resistant cable. | m | 327.96 | | |
| | Total for Bill Nr.7 | | | | |

8. Public Address System

| Sr.Nr. | Description | Unit | Qty | Unit Rate (Rs) | Amount Rs. |
|--------|---|------|--------|----------------|------------|
| | Bill Nr.8: Public Address System | | | | |
| | Electrical Works | | | | |
| 8.1 | Supply and Erection of PVC pipe for wiring purpose complete Recessed in walls including chase etc. : 1" i/d | Rft | 662 | | |
| 8.2 | Supply, Installation, connecting, testing and commissioning of 2 Zone/channel 250 Watts Power high efficiency power amplifier. (ECLER Europe) | No | 1.00 | | |
| 8.3 | Supply, Installation, connecting, testing and commissioning of 10 Watts high sound quality ceiling suspended loudspeaker ABS plastic. (ECLER Europe) | No | 22.00 | | |
| 8.4 | Supply, Installation of Microphone of specified quality as per requirement made of (ECLER Europe) Complete in all respect. As approved and directed by Engineer Incharge. Desktop Remote Paging Microphone | No | 2.00 | | |
| 8.5 | Supply & installation of 1.5 mm ² , two core, PVC insulated wire in all kinds of existing or new conduit/cable duct as required. | Rft | 661.50 | | |
| | Total for Bill Nr.8 Carried to Summary | | | | |

9. ESMP Implementation Cost

| Item | Quantity | Tentative Cost per Item (PKR) | Total Cost (PKR) |
|----------------------|----------|-------------------------------|------------------|
| Labour Safety | | | |

| | | | |
|---|----------|------------------|--|
| Face Masks (3 PLY) - box | 70 | | |
| Safety Hard Helmets | 70 | | |
| Safety Shoes | 70 | | |
| Hand Gloves - box | 70 | | |
| Ear Plugs | 70 | | |
| Reflective Safety Vest | 70 | | |
| Safety Goggles | 70 | | |
| First Aid Box Complete | 8 | | |
| Infrared Thermometer (Benetech GM-2200 or equivalent) | 1 | | |
| Sub-Total | | | |
| Working Site Safety | | | |
| Safety Signs | 12 | | |
| Safety Cones | 40 | | |
| Safety Tape | 40 | | |
| Portable Delineator with chain | 16 | | |
| Emergency Portable Lights | 12 | | |
| Solid Waste Collection Drums with Cover | 10 | | |
| Fire Fighting Equipment Purchase and refilling | 10 | | |
| Sub-Total | | | |
| Others | | | |
| Hiring of Environmental Specialist (for 12 months) | 1 | | |
| Labour Campsite Management | Lump sum | | |
| Water Sprinkling | Lump sum | | |
| | | Sub-Total | |
| Environmental Analysis | | | |
| Air Monitoring (Before, During After) | 6 | | |
| Noise Monitoring (Before, During After) | 6 | | |
| Water Monitoring (Before, During After) | 6 | | |
| Sub-Total (PKR) | | | |
| Grand Total (PKR) | | | |

SIGN AND SEAL OF CONTRACTOR

ANNEXUR-II

Environmental and Social Management Plan(ESMP)

KP HUMAN CAPITAL INVESTMENT PROJECT

Oct 2024

PROJECT MANAGEMENT UNIT (PMU)

KPHCIP HEALTH DEPARTMENT

- **ESMPs can be obtained from PMU or link below**

<https://drive.google.com/drive/folders/1TitGNRcoSgK5QqJqYVmGal4Sevxi9HRH?usp=sharing>