



Dhaka Electricity Supply PLC (DESCO)

House No # 4 (2nd Floor), Road No. 1/A, Nikunja – 2, Khilkhet, Dhaka-1229.

TENDER DOCUMENT

FOR

**Construction, Renovation and Dismantling of 11 kV, 11/0.4 kV
and 0.4 kV Overhead & Underground Lines and Installation
of Distribution Transformers**

Tender No. 01/2026 (WD-3: DPSESP)

Invitation Reference No: 27.24.0000.000.078.014.001.2026.500

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Section 1: Instructions to Tenderers

A. General

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| 1. Scope of Tender | 1.1 The Procuring Entity, as indicated in the Tender Data Sheet (TDS) issues this Tender Document for the procurement of Works incidental thereto as specified in the TDS and as detailed in Section 6: Bill of Quantities . The name of the Tender and the number and identification of its constituent lot(s) are stated in the TDS. |
| | 1.2 The successful Tenderer shall be required to execute the Works as specified in the General Conditions of Contract and Particular Conditions of Contract. |
| 2. Interpretation | 2.1 <ul style="list-style-type: none">(a) the term "in writing" means communication written by hand or machine duly signed and includes properly authenticated messages by facsimile or electronic mail;(b) if the context so requires, singular means plural and vice-versa;(c) "day" means calendar days unless otherwise specified as working days;(d) "Person" means and includes an individual, body of individuals, sole proprietorship, partnership, company, association or cooperative society, NGO that wishes to participate in Procurement proceedings;(e) "Tenderer" means a Person who submits a Tender;(f) "Tender Document" means the Document provided by a Procuring Entity to a Tenderer as a basis for preparation of the Tender; and(g) "Tender" depending on the context, means a Tender submitted by a Tenderer for execution of Works to a Procuring Entity in response to an Invitation for Tender.(h) "BPPA" means the Bangladesh Public Procurement Authority formed under the Bangladesh Public Procurement Authority Act, 2023. |
| 3. Source of Funds | 3.1 The Procuring Entity has been allocated public funds as indicated in the TDS and intends to apply a portion of the funds to eligible payments under the Contract for which this Tender Document is issued. |
| | 3.2 For the purpose of this provision, "public funds" means any monetary resources appropriated to the Procuring Entity under Government budget, or financing, grants and credits placed at the disposal of the Procuring Entity through the Government by the development partners or foreign states or organisations and also includes any fund of a government, semi-government or a statutory body established by law. |

**4. Corrupt,
Fraudulent, Collusive,
Coercive or
Obstructive Practices**

3.3 Payments by the development partner, if so indicated in the TDS, will be made only at the request of the Government and upon approval by the development partner or foreign state or Organisation in accordance with the applicable Financing / Credit / Grant Agreement, and will be subject in all respects to the terms and conditions of that Agreement.

4.1 The Government, and the Development Partner, if applicable, requires that the Procuring Entity as well as the Tenderers and Contractors (including sub-contractors, agents, personnel, consultants, and service providers) shall observe the highest standard of ethics during implementation of procurement proceedings and the execution of Contracts under public funds.

4.2 For the purposes of ITT Sub Clause 4.3, the terms set forth below as follows:

- (a) **"Corrupt practice"** means offering or promising to offer, directly or indirectly, any bribe, employment, valuable item or service, or financial benefit to any officer or employee of the Procuring Entity or of any other public or private authority, with the intent to influence any act, decision, or procedure of the Procuring Entity in the course of the procurement process or contract execution, or the acceptance or solicitation of such by any officer or employee of the Procuring Entity. It shall also include any involvement of the Procuring Entity or any of its employees in corrupt, fraudulent, collusive, coercive, or obstructive practices as mentioned in this Rule;
- (b) **"Fraudulent practice"** means any act of providing false statements, dishonestly concealing information, or omitting or misrepresenting or distorting facts by any person to influence a decision in the procurement process or contract execution;
- (c) **"Collusive practice"** means a scheme or arrangement between two (2) or more Persons, knowingly or unknowingly involving the Procuring Entity or any of its employees, that is designed to arbitrarily reduce the number of Tenders submitted or fix Tender prices at artificial, non-competitive levels, thereby denying the Procuring Entity the benefits of competitive price arising from genuine and open competition;
- (d) **"Coercive practice"** means harming or threatening to harm, directly or indirectly, Persons or their property to influence a decision to be taken in the Procurement proceeding or the execution of a Contract, and this will include creating obstructions in the normal submission process used for Tenders.

- (e) **"Obstructive practice"** means deliberately destroying, falsifying, altering, or concealing evidence related to a procurement-related investigation, or providing false statements to an investigator so as to impede the investigation of allegations of corrupt, fraudulent, collusive, coercive, or obstructive practices; or intimidating, harassing, or threatening an investigator so as to discourage the disclosure of information or prevent the investigator from carrying out their duties, or directly or indirectly obstructing any action undertaken by the Bangladesh Public Procurement Authority (BPPA) in discharging its responsibilities assigned under the *Bangladesh Public Procurement Authority Act, 2023*.

4.3 Should any corrupt, fraudulent, collusive, coercive or obstructive practice of any kind be determined by the Procuring Entity or the Development Partner, if applicable, this will be dealt in accordance with the provisions of the Public Procurement Act 2006 and Public Procurement Rules, 2025 and Guidelines of the Development Partners as stated in the ITT sub-clause 3.3.

4.4 If corrupt, fraudulent, collusive, coercive or obstructive practices of any kind is determined by the Procuring Entity against any Tenderer or Contractors (including sub-contractors, agents, personnel, consultants, and service providers) in competing for, or in executing, a contract under public fund:

- (a) Procuring Entity and/or the Development Partner shall exclude the concerned Tenderer from further participation in the concerned procurement proceedings;
- (b) Procuring Entity and/or the Development Partner shall reject any recommendation for award that had been proposed for that concerned Tenderer;
- (c) Procuring Entity and/or the Development Partner shall declare, at its discretion, the concerned Tenderer to be ineligible to participate (debarment) in any Public Procurement proceedings for a specific period of time;
- (d) Procuring Entity shall suspend the concerned Tenderer from participating in any other procurement proceedings within the PE organization for the period of finalizing the debarment process;
- (e) Development Partner shall sanction the concerned Tenderer or individual, at any time, in accordance with prevailing Development Partner' sanctions procedures, including by publicly declaring such Tenderer or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a Development Partner-financed contract; and (ii) to be a nominated sub-contractor, consultant, manufacturer or Contractor, or service provider of

an otherwise eligible firm being awarded a Development Partner-financed contract; and

- (f) Development Partner shall cancel the portion of the financing allocated to a contract if it determines at any time that representatives of the Procuring Entity or of a beneficiary of the financing engaged in corrupt, fraudulent, collusive, coercive or obstructive practices during the procurement or the execution of that Development Partner financed contract, without the Procuring Entity having taken timely and appropriate action satisfactory to the Development Partner to remedy the situation.

4.5 Tenderer shall be aware of the provisions on corruption, fraudulence, collusion, coercion and obstruction of the Public Procurement Act, 2006, the Public Procurement Rules, 2025 and others as stated in GCC Clause 38.

4.6 In further pursuance of this policy, Tenderers, Contractors and their sub-contractors, agents, personnel, consultants, service providers shall permit the Government, the BPPA and the Development Partner to inspect any accounts and records and other documents relating to the Tender submission and contract performance, and to have them audited by auditors appointed by the Government, the BPPA and/or the Development Partner during the procurement or the execution of that Development Partner financed contract.

5. Eligible Tenderers

5.1 This Invitation for Tenders is open to all potential Tenderers from all countries, except for any specified in the TDS.

5.2 Tenderers shall have the legal capacity (not barred by Public Procurement Act or any other law(s) to sign the contract) to enter into the Contract under the Applicable law.

5.3 Tenderers shall be enrolled in the relevant professional or trade organisations registered in its own country.

5.4 Tenderers may be a physical or juridical individual or body of individuals, or company, association or any combination of them in the form of a Joint Venture (JV) invited to take part in public procurement or seeking to be so invited or submitting a Tender in response to an Invitation for Tenders.

5.5 Tenderers shall have fulfilled its obligations to pay taxes and social security contributions, if any, under the provisions of laws and regulations of the country of its origin.

5.6 Tenderers should not be associated, or have been associated in the past, directly or indirectly, with a consultant or any of its Partners which have been engaged by the Procuring Entity to provide consulting services for the preparation of the design,

specifications, and other documents to be used for the procurement of the works to be performed under this Invitation for Tenders.

- 5.7 Tenderers in its own name or its other names or also in the case of its Persons in different names shall not be under a declaration of ineligibility due to suspension or debarment for corrupt, fraudulent, collusive, coercive or obstructive practices as stated under ITT Sub Clause 4.4.
- 5.8 Tenderers are not currently restrained due to suspension or debarred from participating in Public Procurement on grounds of fundamental breach of contract under any Contract.
- 5.9 Tenderers shall not be insolvent, be in receivership, be bankrupt, be in the process of bankruptcy, be not temporarily barred from undertaking business and it shall not be the subject of legal proceedings for any of the foregoing.
- 5.10 Government-owned enterprise in Bangladesh may also participate in the Tender if it is legally and financially autonomous, it operates under commercial law, and it is not a dependent agency of the Procuring Entity.
- 5.11 Tenderers shall provide such evidence of their continued eligibility satisfactory to the Procuring Entity, as the Procuring Entity will reasonably request.
- 5.12 These above requirements for eligibility will extend, as applicable, to each JV partner and Subcontractor proposed by the Tenderers.
- 5.13 Tenderers shall have the up-to-date valid license(s), issued by the corresponding competent authority, as specified in the TDS.
- 5.14 A Tenderer shall not have a conflict of interest. Any Tenderer found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest for the purpose of this Tendering process, if the Tenderer:
- a) directly or indirectly controls, is controlled by or is under common control with another Tenderer; or
 - b) receives or has received any direct or indirect subsidy from another Tenderer; or
 - c) has the same legal representative as another Tenderer; or
 - d) has a relationship with another Tenderer, directly or through common third parties, that puts it in a position to influence the Tender of another Tenderer, or influence

the decisions of the procuring entity regarding this tendering process; or

- e) any of its partners participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the Tender.

5.15 A Tenderer shall provide its/their Beneficial Ownership related information, as the specified in **Form PW3-2**, if it/they will be awarded the contract and declare their consent on publishing that information publicly following the signing of contract.

5.16 A tenderer has not been under restriction imposed by any Development Partner operating in Bangladesh on grounds related to their procurement affairs.

6. Eligible Materials, Equipment and Associated Services

6.1 All materials, equipment and associated services to be supplied under the Contract are from eligible sources, unless their origin is from a country specified in the **TDS**.

6.2 For the purposes of this Clause, "origin" means the place where the Materials and Equipment are mined, grown, cultivated, produced or manufactured or processed, or through manufacturing, processing, or assembling, another commercially recognized new product results that differs substantially in its basic characteristics from its components or the place from which the associated services are supplied.

6.3 The origin of materials and equipment and associated services is distinct from the nationality of the Tenderer.

7. Site Visit

7.1 Tenderers are 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 Tender and entering into a contract for construction of the Works. The costs of visiting the Site shall be at Tenderer's own expense.

B. Tender Document

8. Tender Document: General

8.1 The Sections comprising the Tender Document are listed below, and should be read in conjunction with any Addendum issued under ITT Clause 11.

- Section 1 Instructions to Tenderers (ITT)
- Section 2 Tender Data Sheet (TDS)
- Section 3 General Conditions of Contract (GCC)
- Section 4 Particular Conditions of Contract (PCC)
- Section 5 Tender and Contract Forms
- Section 6 Bill of Quantities (BOQ)
- Section 7 General Specifications

- Section 8 Particular Specifications
- Section 9 Environmental and Social Specifications
- Section 10 Drawings

8.2 The Procuring Entity is not responsible for the completeness of the Tender Document and their addenda, if these were not purchased directly from the Procuring Entity, or through its agent as specified in the TDS.

8.3 Tenderers are expected to examine all instructions, forms, terms, and specifications in the Tender Document as well as in addendum to Tender, if any.

9. Clarification of Tender Document

9.1 A prospective Tenderer requiring any clarification of the Tender Document shall contact the Procuring Entity in writing at the Procuring Entity's address and within time as specified in the TDS.

9.2 The Procuring Entity is not obliged to answer any clarification request received after that date as stated under ITT Sub Clause 9.1.

9.3 The Procuring Entity shall respond in writing within five (5) working days of receipt of any such request for clarification received under ITT Sub Clause 9.1.

9.4 The Procuring Entity shall forward copies of its response to all those who have purchased the Tender Document, including a description of the enquiry but without identifying its source.

9.5 Should the Procuring Entity deem it necessary to amend the Tender Document as a result of a clarification, it will do so following the procedure under ITT Clause 11.

10. Pre-Tender Meeting

10.1 To clarify issues and to answer questions on any matter arising in the Tender Document, the Procuring Entity may, if stated in the TDS, hold a pre-Tender Meeting at the place, date and time as specified in the TDS. All potential Tenderers are encouraged and invited to attend the meeting, if it is held.

10.2 Tenderers are requested to submit any questions in writing so as to reach the Procuring Entity not later than one day prior to the date of the meeting.

10.3 Minutes of the pre-Tender meeting, including the text of the questions raised and the responses given, together with any responses prepared after the meeting, will be transmitted within five (5) working days after holding the meeting to all those who purchased the Tender document and to even those who did not attend the meeting. Any revision to the Tender Document listed in ITT Sub Clause 8.1 that may become necessary as a result of the pre-Tender meeting will be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to ITT Sub Clause 11 and not through the minutes of the pre-Tender meeting.

10.4 Non-attendance at the Pre-Tender meeting will not be a cause for disqualification of a Tenderer.

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11. Addendum to Tender Document

- 11.1 At any time prior to the deadline for submission of Tenders, the Procuring Entity, on its own initiative or in response to an inquiry in writing from a Tenderer, having purchased the Tender Document, or as a result of a pre-Tender meeting may revise the Tender Document by issuing an Addendum.
- 11.2 The Addendum issued under ITT Sub Clause 11.1 shall become an integral part of the Tender Document and shall have a date and an issue number and must be circulated by fax, mail or e-mail, to Tenderers who have purchased the Tender Documents, within five (5) working days of issuance of such Addendum, to enable Tenderers to take appropriate action
- 11.3 The Procuring Entity shall also ensure posting of the relevant addenda with the reference number and date on their websites including notice boards, where the Procuring Entity had originally posted the ITTs.
- 11.4 To give a prospective Tenderer reasonable time in which to take an addendum into account in preparing its Tender, the Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders, pursuant to ITT Sub Clause 41.2.
- 11.5 If an addendum is issued when time remaining is less than **one-third** of the time allowed for the preparation of Tenders, the Procuring Entity at its discretion shall extend the deadline by an appropriate number of days for the submission of Tenders, depending upon the nature of the Procurement requirement and the addendum. In any case, the minimum time for such extension shall not be less than three (3) working days.

C. Qualification Criteria

12. General Criteria

- 12.1 Tenderers shall possess the necessary professional and technical qualifications and competence, financial resources, equipment and other physical facilities, managerial capability, specific experience, reputation and the personnel, to perform the contract, which entails setting pass/fail criteria, which if not met by the Tenderers, will result in consideration of its Tender as non-responsive.
- 12.2 In addition to meeting the eligibility criteria, as stated in ITT Clause 5, Tenderers must satisfy the other criteria stated in ITT Clauses 13 to 18 inclusive.
- 12.3 To qualify for multiple number of contracts/lots in a package made up of this and other individual contracts/lots for which Tenders are invited in the Invitation for Tenders, the Tenderers shall demonstrate having resources sufficient to meet the aggregate of the qualifying criteria for the individual contracts. The requirement of general experience as stated under ITT Sub Clause 13.1(a) and specific experience, unless otherwise of different nature, as stated under ITT Sub Clause 13.1(b) shall not be separately applicable for each individual lot.

13. Experience Criteria

13.1 Tenderers shall have the following minimum level of construction experience to qualify for the performance of the Works under the Contract:

- (a) a minimum number of years of general experience in the construction of works as Prime Contractor or Subcontractor or Management Contractor as specified in the **TDS**; and
- (b) specific experience as a Prime Contractor or Subcontractor or Management Contractor in construction works, under public sector, of a nature, complexity and methods/construction technology similar to the proposed Works, in at least a number of contract(s) and, each with a minimum value over the period, as specified in the **TDS**.

14. Financial Criteria

14.1 Tenderers shall have the following minimum level of financial capacity to qualify for the performance of the Works under the Contract:

- (a) satisfactory resolution of all claims under litigation cases and shall not have serious negative impact on the financial capacity of the Tenderers. All pending litigation shall be treated as resolved against the Tenderers;
- (b) the average annual **construction** turnover under the public sector as specified in the **TDS** during the period specified in the **TDS**;
- (c) availability of minimum financial resources in any form or combination of forms of liquid assets or credit line(s) or working capital, net of other contractual commitments of the amount as specified in the **TDS**; and
- (d) The Minimum Tender Capacity as specified in the **TDS**.

15. Personnel Capacity

15.1 Tenderers shall have the minimum level of personnel capacity to qualify for the performance of the Works under the Contract consisting of a Construction Project Manager, Engineers, and other key staff with qualifications and experience as specified in the **TDS**.

16. Equipment Capacity

16.1 Tenderers shall own suitable equipment and other physical facilities or have proven access through contractual arrangement to hire or lease such equipment or facilities for the desired period, where necessary or have assured access through lease, hire, or other such method, of the essential equipment, in full working order, as specified in the **TDS**.

17. Joint Venture (JV)

17.1 Tenderers may participate in the procurement proceedings forming a Joint Venture(JV) by an agreement, without alterations, in the format as specified in the **Format PW3-B**, executed case by case on a non-judicial stamp of value as specified in the **TDS** or alternately with the intent to enter into such an agreement supported by a Letter of Intent along with the proposed agreement

duly signed by all legally authorised partners of the intended JV and authenticated by a Notary Public, with the declaration that the partners will execute the JV agreement in the event the Tenderer is successful.

- 17.2 The figures for each of the partners of a JV shall be added together to determine the Tenderer's compliance with the minimum qualifying criteria; however, for a JV under ITT Sub Clause 17.1, with number of partners as specified in the **TDS** to qualify, Lead partner and other partners must meet the criteria as specified in the **TDS**. Failure to comply with these requirements will result in non-responsiveness of the JV Tender.
- 17.3 Each partner of the JV shall be jointly and severally liable for the execution of the Contract, all liabilities and ethical and legal obligations in accordance with the Contract terms.
- 17.4 JV shall nominate the **Lead Partner** as Representative or Partner-in-charge being entrusted with the Contract administration and management at Site who shall have the authority to conduct all business for and on behalf of any and all the partners of the JV during the Tendering process and, in the event the JV is awarded the Contract, during contract execution including the receipt of payments for and on behalf of the JV.
- 17.5 The business share of the Lead Partner shall be the highest among all the partners. Other partner(s) shall have at least 25% of business share each.

18. Subcontractor (s)

- 18.1 Tenderers may intend to subcontract an activity or part of the Works not exceeding 30% (Thirty percent) of the whole Works in value, in which case such item(s) and the proposed Subcontractor shall be clearly identified in the Form PW3-4.
- 18.2 The Procuring Entity may require Tenderers to provide more information about their subcontracting arrangements. If any Subcontractor is found ineligible or unsuitable to carry out the subcontracted tasks, the Procuring Entity may request the Tenderers to propose an acceptable substitute.
- 18.3 A Subcontractor may participate in more than one Tender, but only in that capacity.
- 18.4 The Procuring Entity may also select in advance Nominated Subcontractor(s) to execute certain specific components of the Works and if so, those will be specified in the **TDS**.
- 18.5 If a contractor wishes to subcontract an activity or part of the works according to the provision of ITT Clause 18.1 after entering into the contract, it can only be done after approval of Head of the Procuring Entity (HOPE) or an officer authorized by him or her (AO).
- 18.6 Any unauthorised subcontracting after entering into the contract shall be considered as fundamental breach of contract.

D. Tender Preparation

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| 19. Only one Tender | 19.1 | Tenderers shall submit only one (1) Tender for each lot, either individually or as a JV. Tenderer who submits or participates in more than one (1) Tender in one (1) lot of a package or in one (1) package with one (1) lot will cause all the Tenders of that particular Tenderer to be rejected. |
| 20. Cost of Tendering | 20.1 | Tenderers shall bear all costs associated with the preparation and submission of its Tender, and the Procuring Entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process. |
| 21. Issuance and Sale of Tender Document | 21.1 | The Procuring Entity shall make Tender Documents available immediately to the potential Tenderers, requesting and willing to purchase at the corresponding price by the date the advertisement has been published in the newspaper. |
| | 21.2 | There shall not be any pre-conditions whatsoever, for sale of Tender Documents and the sale of such Document shall be permitted up to the day prior to the day of deadline for the submission of Tender. |
| 22. Language of Tender | 22.1 | Tenders shall be written in the English language. Correspondences and documents relating to the Tender may be written in English or <i>Bangla</i> . Supporting documents and printed literature furnished by the Tenderers that are part of the Tender may be in another language, provided they are accompanied by an accurate translation of the relevant passages in the English or <i>Bangla</i> language, in which case, for purposes of interpretation of the Tender, such translation shall govern. |
| | 22.2 | Tenderers shall bear all costs of translation to the governing language and all risks of the accuracy of such translation. |
| 23. Contents of Tender | 23.1 | <p>The Tender prepared by the Tenderers will comprise the following:</p> <ul style="list-style-type: none"> (a) the Tender Submission Letter (Form PW3-1), as stated under ITT Sub Clause 24.1; (b) the Tenderer Information as stated under ITT Clauses 5, 28 and 31 (Form PW3-2); (c) the priced BOQ for each lot in accordance with ITT Clauses 24, 26 and 27; (d) the Tender Security as stated under ITT Clauses 34, 35 and 36. (e) the alternatives, if permissible, as stated under ITT Clause 25; (f) the written confirmation authorizing the signatory of the Tender including National ID to commit the Tenderer if applicable, as stated under ITT Sub Clause 39.3; (g) the Valid Trade license; |

- (h) The Tenderer shall submit with its Tender the following documents as a proof of fulfilling taxation obligations in accordance with ITT Sub Clause 5.5;
 - i. TIN certificate;
 - ii. Acknowledgement slip issued by the competent income tax authority as a proof of submission of income tax return for the Assessment Year as mentioned in the **TDS**; and
 - iii. Value Added Tax registration certificate/ Business Identification Number.
- (i) the Technical Proposal describing work plan & method, personnel, equipment and schedules as stated under ITT Clause 30;
- (j) documentary evidence as stated under ITT Clause 28 and 31 establishing the Tenderer's eligibility and the minimum qualifications of the Tenderers required to be met for due performance of the Works under the Contract;
- (k) document establishing legal and financial autonomy and compliance with commercial law, as stated under ITT Sub Clause 5.10 in case of government owned entity;
- (l) tenderer's capacity information in **(Form PW3-6)** & documentary evidence for tenderers capacity; and
- (m) Environmental and Social risk management plan following **Section 9: ES Specifications**.
- (n) any other document as specified in the **TDS**.

24. Tender Submission Letter and Bill of Quantities

- 24.1 Tenderers shall submit the Tender Submission Letter (**Form PW3-1**), which shall be completed without any alterations to its format, filling in all blank spaces with the information requested, failing which the Tender may be rejected as being incomplete.
- 24.2 Tenderers shall submit the priced BOQ using the form(s) furnished in **Section 6: Bill of Quantities**.
- 24.3 If in preparing its Tender, the Tenderer has made errors in the unit rate or the total price, and wishes to correct such errors prior to submission of its Tender, it may do so, but shall ensure that each correction is initialled by the authorised person of the Tenderer.

25. Alternatives

- 25.1 Unless otherwise specified in the **TDS**, alternative technical solutions shall not be considered.
- 25.2 When specified in ITT clause 25.1, Tenderers are permitted to submit alternative technical solutions for specified parts of the Works, and such parts will be identified in the **TDS**.

25.3 Only the technical alternatives, if any, of the lowest evaluated Tenderer conforming to the basic technical requirements will be considered by the Procuring Entity.

26.1 The prices and discounts quoted by the Tenderers in the Tender Submission Letter (**Form PW3-1**) and in the BOQ shall conform to the requirements specified below.

26.2 Tenderers shall fill in unit rates for all items of the Works both in figures and in words as described in the BOQ, excluding any discount offered.

26.3 The items quantified in the BOQ for which no unit rates have been quoted by the Tenderer will not be paid for, by the Procuring Entity when executed and shall be deemed covered by the amounts of other rates in the BOQ and, it shall not be a reason to change the Tender price.

26.4 The price to be quoted in the Tender Submission Letter, as stated under ITT Sub Clause 24.1, shall be the total price of the Tender, excluding any discounts offered.

26.5 Tenderers shall quote any unconditional discounts in the Tender Submission Letter as stated under ITT Sub Clause 24.1.

26.6 Tenderers wishing to offer any unconditional discount to any package or lot(s) as applicable shall mention discount in percentage (%) in the Tender Submission Letter. Discount shall be equally applicable on all the items of BOQ within each lot and shall be applied after arithmetic correction of the tender. In case of multiple lots, a Tenderer may offer cross-discount, for being awarded more than one lot, in the Tender Submission Letter.

26.7 All applicable taxes, custom duties, VAT and other levies payable by the Contractor under the Contract, or for any other causes, as of the date twenty-eight (28) days prior to the deadline for submission of Tenders, shall be included in the unit rates and the total Tender price submitted by the Tenderers.

26.8 Unless otherwise specified in the TDS and provided in the Contract, the price of a Contract shall be fixed in which the unit rates shall not be modified in response to changes in economic or commercial conditions.

26.9 If so stated under ITT Sub Clause 26.8, Tenders are being invited with a provision for price adjustments. The unit rates quoted by the Tenderers are subject to adjustment during the performance of the Contract in accordance with the provisions of General Conditions of Contract (GCC) Clause 69 and, in such case the Procuring Entity shall provide the indexes and weightings or coefficients in **Appendix to the Tender (Table 1.1 and Table 1.2)** for the price adjustment formulae as specified in the Particular Conditions of Contract (PCC).

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- 27. Tender Currency** 27.1 Tenderers shall quote all prices in the Tender Submission Letter and in the BOQ in Bangladesh Taka (BDT) currency.
- 28. Documents Establishing Eligibility of the Tenderer** 28.1 Tenderers, if applying as a sole Tenderer, shall submit documentary evidence to establish its eligibility as stated under ITT Clause 5 and, in particular, it shall:
- (a) complete the eligibility declarations in the Tender Submission Letter (**Form PW3-1**);
 - (b) complete the Tenderer Information (**Form PW3-2**);
 - (c) complete Subcontractor Information (**Form PW3-4**), if it intends to engage any Subcontractor(s).
- 28.2 Tenderers, if applying as a partner of an existing or intended JV shall submit documentary evidence to establish its eligibility as stated under ITT Clause 5 and, in particular, in addition to as stated under ITT Sub Clause 28.1, it shall:
- (a) provide for each JV partner, completed JV Partner Information (**Form PW3-3**);
 - (b) provide the JV agreement as per **Format PW3-B** or Letter of Intent along with the proposed agreement of the intended JV as stated under ITT Sub Clause 17.1.
- 29. Documents Establishing the Eligibility and Conformity of Materials, Equipment and Services** 29.1 Tenderers shall submit documentary evidence to establish the origin of all Materials, Equipment and services to be supplied under the Contract as stated under ITT Clause 6.
- 29.2 To establish the conformity of the Materials, Equipment and services to be supplied under the Contract, the Tenderers shall furnish, as part of its Tender, the documentary evidence (which may be in the form of literature, specifications and brochures, drawings or data) that these conform to the technical specifications and standards specified in **Section 7: General Specifications, Section 8: Particular Specifications** and **Section 9: ES Specifications**.
- 30. Documents Establishing Technical Proposal** 30.1 Tenderers shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule, risks involved and measures thereagainst and any other information as stipulated in **TDS**, in sufficient detail to demonstrate the adequacy of the Tenderer's proposal to meet the work requirements and the completion time.
- 31. Documents Establishing the Tenderer's Qualification** 31.1 Tenderers shall complete and submit the Tenderer Information (**Form PW3-2/PW3-3**) and shall include documentary evidence, as applicable to satisfy the following:
- (a) general experience, of the entity(s) participating in the Tender, in construction works as stated under ITT Sub Clause 13.1(a), substantiated by the year of registration/constitution/licensing document in its country of origin;
 - (b) specific experience, of the entity(s) participating in the Tender, in construction works under public sector of similar nature and size as stated under ITT Sub Clause 13.1(b), substantiated by Completion Certificate (s)

generated from e-GP system or issued by the relevant Procuring Entity(s) as per Format PW3-F;

- (c) average annual **construction** turnover i.e. total certified payments received for contracts in progress or completed under public sector for a period as stated under ITT Sub Clause 14.1(b), substantiated by the payment certificates issued by the Procuring Entity; In case of JV, the business share of the partner shall be taken into consideration to determine the Tenderer's compliance with the minimum qualifying criteria;
- (d) (i) adequacy of minimum liquid asset substantiated by bank statement having previous date's closing balance with three (3) months transaction details; or (ii) updated balance statement on previously approved credit line; or (iii) unconditional specific credit commitment letter issued in the format as specified in **Form PW3-B** without alteration from any scheduled bank of Bangladesh, and issued not earlier than twenty-eight (28) days prior to the day of the initial (if applicable) deadline for submission of Tenders for this Contract as stated under ITT Sub Clause 14.1(c) or (iv) working capital substantiated by audited financial statements mentioned in (i) below;
- (e) Current information regarding claims under litigation as specified in the **TDS**, in which the Tenderer is involved, the parties concerned, and value of claim as stated under ITT Sub Clause 14.1(a) substantiated by statement(s) of the entity(s) participating in the Tender in its letter-head pad;
- (f) information regarding technical and administrative personnel along with their qualification and experience proposed for the Contract as stated under ITT Clause 15;
- (g) major items of construction equipment proposed to carry out the Contract as stated under ITT Clause 16, substantiated by statement(s) of the entity(s) participating in the Tender in its letter-head pad declaring source of its availability and documents related to ownership or hiring or leasing;
- (h) authority(s), to seek references from the Tenderer's Bankers or any other sources, of the entity(s) participating in the Tender in its letter-head pad;
- (i) reports on the financial standing of the Tenderer, such as audited profit and loss statements and balance sheet for the past years as specified in the **TDS**, of the entity(s) participating in the Tender, substantiated by Audit Reports.

32. Validity Period of Tender

- 32.1 Tenders shall remain valid for the period as specified in the **TDS** after the date of Tender submission deadline. A Tender valid for a period shorter than that specified will be considered, non-responsive.

33. Extension of Tender Validity and Tender Security

- 33.1 In exceptional circumstances, prior to the expiration of the Tender Validity period, the Procuring Entity may solicit all the Tenderers' consent to an extension of the period of validity of their Tenders, subject to a maximum of two times; provided that those Tenderers have passed the preliminary examination as stated under ITT Sub Clauses 46.2 and 46.3.
- 33.2 The request for extension of Tender Validity period shall state the new date of the validity of the Tender.
- 33.3 The request and the responses shall be made in writing. Validity of the Tender Security provided under ITT Clause 34 shall also be suitably extended for twenty-eight (28) days beyond the new date for the expiry of the Tender Validity. If a Tenderer does not respond or refuses the request it shall not forfeit its Tender Security, but its Tender shall no longer be considered in the evaluation proceedings. A Tenderer agreeing to the request will not be required or permitted to modify its Tender.

34. Tender Security

- 34.1 Tenderers shall furnish as part of its Tender, in favour of the Procuring Entity or as otherwise directed on account of the Tenderer, a Tender Security in original form (not copy) and in the amount, as specified in the **TDS**.
- 34.2 If the Tender is a Joint Venture, the Tenderer shall furnish as part of its Tender, in favour of the Procuring Entity or as otherwise directed on account of the title of the existing or intended JV or any of the partners of that JV or in the names of all future partners as named in the Letter of Intent of the JV, a Tender Security in original form and in the amount as stated under ITT Sub Clause 34.1.
- 34.3 In case of substitution of the Tender as stated under ITT Sub Clause 43.3 a new Tender Security shall be required in the substituted Tender.

35. Form of Tender Security

- 35.1 The Tender Security shall:
- (a) at the Tenderer's option, be either;
 - i. in the form of a Bank Draft or Pay Order; or
 - ii. in the form of an irrevocable unconditional Bank Guarantee issued by any scheduled Bank of Bangladesh, in the format (**Form PW3-7**) without any alteration, furnished in **Section 5: Tender and Contract Forms**;
 - (b) be payable promptly upon written demand by the Procuring Entity in the case of the conditions as stated under ITT Sub Clause 38.1 being invoked; and

- (c) remain valid for at least twenty-eight (28) days beyond the expiry date of the Tender Validity in order to make a claim in due course against a Tenderer in the circumstances as stated under ITT Sub Clause 38.1.

36. Authenticity of Tender Security

- 36.1 The authenticity of the Tender Security submitted by a Tenderer may be examined and verified by the Procuring Entity at its discretion in writing from the Bank issuing the security.
- 36.2 If a Tender Security is found to be not-authentic, the Procuring Entity may proceed to take measures against that Tenderer as stated under ITT Sub Clause 4.4.
- 36.3 A Tender not accompanied by a valid Tender Security will be considered non-responsive.

37. Return of Tender Security

- 37.1 No Tender Security shall be returned to the Tenderers before Approval of Evaluation Report.
- 37.2 Non-responsive Tenderer's Tender Security will be returned after approval of Evaluation Report but within twenty-eight (28) days of the expiry of the Tender Validity period as stated under ITT Sub Clauses 32.1. The Tender Security of the responsive Tenderers except the 1st, 2nd, and 3rd lowest responsive Tenderers may be returned, in the same manner, upon written request from them to the Procuring Entity.
- 37.3 The Tender Security of the 1st, 2nd, and 3rd lowest responsive Tenderers (as the case may be) will be returned upon the successful Tenderer's furnishing of the performance security and signing of the Contract Agreement, if not otherwise subject to ITT Clause 38.1.

38. Forfeiture of Tender Security

- 38.1 The Tender Security may be forfeited, if a Tenderer:
- (a) withdraws its Tender after opening of Tenders but within the validity of the Tender as stated under ITT Clause 32 and 33; or
 - (b) does not accept the correction of the Tender price following the correction of the arithmetic errors as stated under ITT Clause 50; or
 - (c) fails to furnish Performance Security as stated under ITT Sub Clause 63.1 and 63.2; or
 - (d) refuses or fails to sign the Contract as stated under ITT Sub Clause 68.2.
 - (e) involves in any corrupt, fraudulent, collusive, coercive or obstructive practice of any kind as defined in ITT Clause 4.

39. Format and Signing of Tender

- 39.1 Tenderers shall prepare one (1) original of the documents comprising the Tender as described in ITT Clause 23 and clearly mark it "ORIGINAL." In addition, the Tenderers shall prepare the number of copies of the Tender, as specified in the TDS and clearly mark each of them "COPY." In the event of any discrepancy between the original and the copies, the ORIGINAL shall prevail.

- 39.2 Alternatives, if permitted as stated under ITT Clause 25, shall be clearly marked "Alternative".
- 39.3 The original and each copy of the Tender shall be typed or written in indelible ink and shall be signed by the Person duly authorized to sign on behalf of the Tenderer. This Tender specific authorization document shall be attached to the Tender Submission Letter (**Form PW3-1**). The name and position held by each Person(s) signing the authorization must be typed or printed below the signature. All pages of the original and of each copy of the Tender, except for un-amended printed literature, shall be numbered sequentially and signed by the person signing the Tender.
- 39.4 Any interlineations, erasures, or overwriting will be valid only if they are signed or initialed by the Person(s) signing the Tender.

E. Tender Submission

40. Sealing, Marking and Submission of Tender

- 40.1 Tenderers shall enclose the original in one (1) envelope and all the copies of the Tender, including the alternatives, if permitted under ITT Clause 25, in another envelope, duly marking the envelopes as "ORIGINAL (O)" "ALTERNATIVE (A)" (if permitted) and "COPY." These sealed envelopes will then be enclosed and sealed in one (1) single outer envelope.
- 40.2 The inner and outer envelopes shall:
- (a) be addressed to the Procuring Entity at the address as stated under ITT Sub Clause 41.1;
 - (b) bear the name of the Tender and the Tender Number as stated under ITT Sub Clause 1.1;
 - (c) bear the name and address of the Tenderer;
 - (d) bear a statement "DO NOT OPEN BEFORE -----" the time and date for Tender opening as stated under ITT Sub Clause 44.1;
 - (e) bear any additional identification marks as specified in the TDS.
- 40.3 Tenderers are solely and entirely responsible for pre-disclosure of Tender information if the envelope(s) are not properly sealed and marked.
- 40.4 Tenders shall be delivered by hand or by mail, including courier services at the address(s) as stated under ITT Sub Clause 41.1.
- 40.5 The Procuring Entity will, on request, provide the Tenderer with acknowledgement of receipt showing the date and time when it's Tender was received.

41. Deadline for Submission of Tender

- 41.1 Tenders shall be delivered to the Procuring Entity at the address specified in the TDS and not later than the date and time specified in the TDS.

- 41.2 The Procuring Entity may, at its discretion, extend the deadline for submission of Tender as stated under ITT Sub Clause 41.1, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline will thereafter be subject to the new deadline as extended.
- 41.3 Tenders shall be received at only one place as specified under ITT Sub Clause 41.1.
- 42. Late Tender**
- 42.1 Any Tender received by the Procuring Entity after the deadline for submission of Tenders as stated under ITT Sub Clause 41.1 shall be declared LATE and returned unopened to the Tenderer.
- 43. Modification, Substitution or Withdrawal of Tender**
- 43.1 Tenderers may modify, substitute or withdraw its Tender after it has been submitted by sending a written notice duly signed by the authorized signatory and properly sealed, and shall include a copy of the authorization; provided that such written notice including the affidavit is received by the Procuring Entity prior to the deadline for submission of Tenders as stated under ITT Clause 41.
- 43.2 Tenderers shall not be allowed to retrieve its original Tender, but shall be allowed to submit corresponding modification to its original Tender marked as "**MODIFICATION (M)**".
- 43.3 Tenderers shall not be allowed to retrieve its original Tender, but shall be allowed to submit another Tender marked as "**SUBSTITUTION (S)**".
- 43.4 Tenderers shall be allowed to withdraw its Tender by a Letter of Withdrawal marked as "**WITHDRAWAL(W)**".

F. Tender Opening and Evaluation

- 44. Tender Opening**
- 44.1 Tenders shall be opened immediately after the deadline for submission of Tenders at the place as specified in the TDS but not later than **ONE HOUR** after expiry of the submission deadline.
- 44.2 Persons not associated with the Tender may not be allowed to attend the public opening of Tenders.
- 44.3 Tenderers' representatives shall be duly authorised by the Tenderer. Tenderers or their authorised representatives will be allowed to attend and witness the opening of Tenders, and will sign a register evidencing their attendance.
- 44.4 The authenticity of withdrawal or substitution of, or modifications to original Tender, if any made by a Tenderer in specified manner, shall be examined and verified by the Tender Opening Committee (TOC) based on documents submitted as stated under ITT Sub Clause 43.1.
- 44.5 Ensuring that only the correct (M), (S), (W) envelopes are opened, details of each Tender will be dealt with as follows:

- (a) the Chairperson of the TOC will read aloud each Tender and record in the Tender Opening Sheet (TOS):
 - (i) the name and address of the Tenderer;
 - (ii) state if it is a withdrawn, modified, substituted or original Tender;
 - (iii) the Tender price;
 - (iv) the official cost estimate;
 - (v) any discounts;
 - (vi) any alternatives;
 - (vii) the presence or absence of any requisite Tender Security; and
 - (viii) such other details as the Procuring Entity, at its discretion, may consider appropriate
- (b) only discounts and alternatives read aloud at the Tender opening will be considered in evaluation.
- (c) all pages of the original version of the Tender, except for un-amended printed literature, will be initialed by members of the TOC.

44.6 Upon completion of Tender opening, all members of the TOC and the Tenderers or Tenderer's duly authorised representatives attending the Tender opening shall sign by name, address, designation, the TOS, copies of which shall be issued to the Head of the Procuring Entity or an officer authorised by him or her and also to the members of the TOC and any authorised Consultants Representatives and, to the Tenderers immediately.

44.7 The omission of a Tenderer's signature on the record shall not invalidate the contents and effect of the record under ITT Sub Clause 44.5.

44.8 No Tender will be rejected at the Tender opening stage except the LATE Tenders as stated in the ITT Clause 42.

45. Evaluation of Tenders

45.1 Tenders shall be examined and evaluated only on the basis of the criteria specified in the Tender Document.

45.2 Tender Evaluation Committee (TEC) shall examine, evaluate and compare Tenders that are responsive to the requirements of Tender Documents in order to identify the successful Tenderer.

45.3 TEC may consider a Tender as responsive in the Evaluation, only if it is submitted in compliance with the mandatory requirements set out in the Tender Document. The evaluation process should begin immediately after Tender opening following four steps:

- (a) Preliminary examination
- (b) Technical examination and responsiveness
- (c) Financial evaluation and price comparison
- (d) Post-qualification of the Tender.

46. Preliminary Examination

46.1 TEC shall examine the Tenders to confirm that all documentations as stated under ITT Clause 23 have been provided, to determine the completeness of each document submitted.

**47. Technical
Responsiveness and
Technical Evaluation**

46.2 TEC shall confirm that the following documents and information have been provided in the Tender. If any of these documents or information is missing, the Tender shall be considered rejected.

- (a) All Forms, as applicable, duly filled-in and signed, as in Tender Forms (Section 5);
- (b) Priced Bill of Quantities;
- (c) Written confirmation authorizing the signatory of the Tender to commit the Tenderer; and
- (d) Valid Tender Security.

47.1 TEC's determination of a Tender's responsiveness is to be based on the contents of the Tender itself without recourse to extrinsic evidence.

47.2 A responsive Tender is one that conforms in all respects to the requirements of the Tender Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

- (a) affects in any substantial way the scope, quality, or performance of the Works specified in the Contract; or
- (b) limits in any substantial way, or is inconsistent with the Tender Documents, the Procuring Entity's rights or the Tenderer's obligations under the Contract; or
- (c) if rectified would unfairly affect the competitive position of other Tenderers presenting responsive Tenders.

During the evaluation of Tenders, the following definitions shall apply:

"Deviation" is a departure from the requirements specified in the Tender Document;

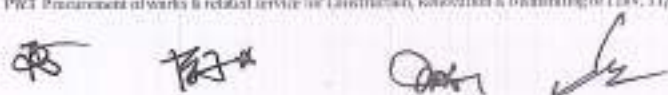
"Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Tender Document; and

"Omission" is the failure to submit part or all of the information or documentation required in the Tender Document.

47.3 If a Tender is not responsive to the mandatory requirements set out in the Tender Document, shall not subsequently be made responsive by the Tenderer by correction of the material deviation, reservation, or omission.

47.4 There shall be no requirement as to the minimum number of responsive Tenders.

47.5 TEC shall evaluate the aspects of the Tender submitted as stated under ITT Clauses 28, 29, 30 and 31 and, to confirm that all requirements specified in Section 7: General Specifications, Section 8: Particular Specifications and Section 9: ES Specifications of the Tender Document have been met without any material deviation, reservation or omission.



47.6 Provided that a Tender is responsive, TEC may request that the Tenderer submit the necessary information or documentation, within a reasonable period of time to rectify nonmaterial nonconformities or omissions in the Tender related to documentation requirements. Such omission shall not be related to any aspect of the rates of the Tender reflected in the Priced BOQ or any mandatory criteria. Failure of the Tenderer to comply with the request may result in the consideration of its Tender as non-responsive.

47.7 TEC may regard a Tender as responsive even if it contains:

- (a) minor or insignificant deviations which do not meaningfully alter or depart from the technical specifications, characteristics and commercial terms and conditions or other mandatory requirements set out in the Tender Document; or
- (b) errors or oversights, that if corrected, would not alter the key aspects of the Tender.

48. Clarification on Tender

48.1 TEC may ask Tenderers for clarification of their Tenders, including breakdowns of unit rates, in order to facilitate the examination and evaluation of Tenders. The request for clarification by the TEC and the response from the Tenderer shall be in writing, and Tender clarifications which may lead to a change in the substance of the Tender or in any of the key elements of the Tender as stated under ITT Sub Clause 47.2, will neither be sought nor be permitted.

48.2 Changes in the Tender price shall also not be sought or permitted, except to confirm the correction of arithmetical errors discovered by the TEC in the evaluation of the Tenders, as stated under ITT Sub Clause 50.1.

48.3 Any request for clarifications by the TEC shall not be directed towards making an apparently non-responsive Tender responsive and reciprocally the response from the concerned Tenderer shall not be articulated towards any addition, alteration or modification to its Tender.

48.4 The Tenderer shall be provided a reasonable timeline, but not less than three (3) working days, to respond against a clarification request. If a Tenderer does not provide clarifications of its Tender by the date and time, its Tender shall not be considered in the evaluation.

49. Restrictions on Disclosure of Information

49.1 Following the opening of Tenders until issuance of Notification of Award no Tenderer shall, unless requested to provide clarification to its Tender or unless necessary for submission of a complaint, communicate with the concerned Procuring Entity.

49.2 Tenderers shall not seek to influence in anyway, the examination and evaluation of the Tenders.

49.3 Any effort by a Tenderer to influence the Procuring Entity in its decision concerning the evaluation of Tenders, Contract awards may result in the non-responsiveness of its Tender as well as further action in accordance with Section 64 (5) of the Public Procurement Act, 2006.

50. Correction of Arithmetical Errors

49.4 All clarification requests shall remind Tenderers of the need for confidentiality and that any breach of confidentiality on the part of the Tenderer may result in their Tender being non-responsive.

50.1 Provided that the Tender is responsive, the TEC shall correct arithmetical errors on the following basis:

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

50.2 TEC shall correct the arithmetic errors and shall promptly notify the concerned Tenderer(s). If the Tenderer does not accept the correction of arithmetic errors, its Tender shall be rejected.

50.3 Tenderers having quoted the tender price by more than 10 (Ten) percent above the official cost estimate, the tender shall be rejected.

51. Financial Evaluation

51.1 TEC will evaluate each Tender that has been determined, up to this stage of the evaluation, to be responsive to the requirements set out in the Tender Document.

51.2 To evaluate a Tender, the TEC will consider the following:

- (a) the Tender price, excluding Provisional Sums that include provisions for contingencies and adjusted prices, where applicable, in the priced BOQ, but including Daywork items;
- (b) adjustments for correction of arithmetical errors, as stated under ITT Sub Clause 50.1;
- (c) adjustments in order to take into consideration the unconditional discounts as stated under ITT Sub Clause 26.5 and 26.6, if any.

51.3 Variations, deviations, alternatives and other factors which are in excess of the requirements of the Tender Document or otherwise result in unsolicited benefits for the Procuring Entity will not be considered in Tender evaluation.

52. Identifying Significantly Low-priced Tenders (SLT)

- 51.4 The estimated effect of any price adjustment provisions under GCC Clause 69, applied over the period of execution of the Contract, will not be considered in Tender evaluation.
- 52.1 Prices of all technically responsive Tenderers shall be checked to identify Significantly Low-priced Tender through a specified manner mentioned in the following Sub Clauses.
- 52.2 During the evaluation of tenders, the proposed prices of all technically responsive tenderers (at least two tenders) shall be used to determine a Weighted Average, considering:
- the official cost estimate,
 - the prices obtained from the recent Price Index in public procurement processes following ITT Sub Clause 52.4 and
 - the tenderers' quoted prices.

The weights shall be as follows:

- official cost estimate = **0.20**
- Prices obtained from the recent Price Index = **0.30**
- Prices quoted by all responsive tenderers = **0.50**

The formula shall be:

$$\bar{x} = 0.5 * \frac{1}{n} \sum_{i=1}^n x_i + 0.2 * x_{OCE} + 0.3 * x_{NPI}$$

Thereafter, the Weighted Standard Deviation (sd) of the quoted prices of all responsive tenders shall be determined using the following formula:

$$sd = \sqrt{\frac{(x_i - \bar{x})^2}{n}}$$

Where:

- x_i = Quoted prices of tenderers
- $\bar{x}$ = Weighted Average
- n = Number of responsive tenderers.

- 52.3 Finally, the lower limit of acceptable prices shall be $[\bar{x} - sd]$. Any tender quoted below this limit shall be considered as a significantly low-priced tender and shall be treated as financially non-responsive and rejected.
- 52.4 For determining the recent National Public Procurement Price Index, a national average percentage deviation for Works procurement category shall be calculated from the e-GP system over a period of 28 days-consisting of the day of tender opening and the preceding 27 days.

- 52.5 To determine the NPPI, in all procurement processes (except for cases under the Limited Tendering Method in National procurement) where a Notice of Award has been issued during 28-days period, the percentage deviation between the officially estimated price and the awarded tender price shall be calculated, and the national average of such deviations shall be determined.
X_{NPPI} shall be determined through multiplication between officially estimated price and NPPI derived from the e-GP system.
- 52.6 In the case of only one technically responsive tender, the above methodology shall not be applied; instead, the lowest evaluated price obtained shall be directly compared with the official cost estimate. If the deviation of the evaluated price of the responsive tender from the official estimate exceeds twenty percent (20%), such tender shall be deemed non-responsive. If the deviation of the evaluated price from the official cost estimate is twenty percent (20%) or less, the said tenderer may be recommended for issuance of the Notification of Award subject to successful Post-Qualification verification under ITT Sub Clause 56.
- 52.7 TEC may recommend to increase the amount of the Retention Money above the amounts as stated under ITT Sub Clause 67.1 but not exceeding twenty (20) percent of the Contract Price, if in the opinion of TEC, it is found that the Tender is unbalanced as a result of front loading or unbalanced item pricing.
- 53. Winning multiple Lots**
- 53.1 If so indicated in the ITT Sub Clause 1.1 the Procuring Entity may award one or multiple lots to one Tenderer following the methodology specified in ITT Sub Clause 53.2.
- 53.2 To determine the lowest-evaluated lot/package the TEC will consider:
- (a) the lowest-evaluated Tender for each lot;
 - (b) the resources sufficient to meet the qualifying criteria for the individual lot or aggregate of the qualifying criteria for the multiple lots;
 - (c) the price reduction on account of discount per lot/package as offered by the Tenderer in its Tender; and
 - (d) the Contract-award sequence that provides the optimum economic combination on the basis of least overall cost of the total Contract package considering any limitations due to constraints in Works or execution capacity determined in accordance with the tender capacity as stated in ITT Sub Clause 14.1 (d) and post-qualification criteria as stated under ITT Clause 56.
- 54. Price Comparison**
- 54.1 The lowest-priced Tender among the technically and financially responsive Tenders through ITT Clause 52 shall be determined as the Lowest Evaluated Responsive Tender and shall be recommended for issuance of the Notification of Award subject to successful Post-Qualification verification under ITT Sub Clause 56.

54.2 In the extremely unlikely event that there is a tie for the lowest evaluated price, the Tender Evaluation Committee shall initially examine the possible presence of collusive practices, and if such practices are found, further actions shall be taken in accordance with Rule 149 of the PPR 2025.

54.3 Where there is a tie in the lowest evaluated bid but no case of the collusive practice is identified, the bidder whose past performance under the Procuring Entity is superior shall be selected. In such a case, determining factors shall include: the history of timely completion of Works within the original contract period, the imposition of liquidated damages for delay, termination of contracts due to fundamental breach of contract conditions, and records of quality and complaints due to the defects concerning the Works performed.

54.4 In the event that there is a tie for the lowest price and none of the Tenderers has the record of past performance with the Procuring Entity as stated under ITT Sub Clause 54.3, then the Tenderer shall be selected, subject to firm confirmation through the Post-qualification process, after consideration as to whether the Tenderer has demonstrated in its Tender superior past performance with the other Procuring Entities through the factors mentioned in ITT Sub Clause 54.3.

54.5 The successful Tenderer shall not be selected through lottery under any circumstances.

55. Negotiations

55.1 No negotiations shall be held during the Tender evaluation or award with any Tenderer except the case mentioned in ITT Sub Clause 55.2.

55.2 The Procuring Entity through the TEC may, however, negotiate with the lowest evaluated Tenderer with the objective to reduce the Contract Price by reducing the scope of works or a reallocation of risks and responsibilities, only when it is found that the lowest evaluated Tender is significantly higher than the official estimated cost; the reasons for such higher price being duly investigated.

55.3 If the Procuring Entity decides to negotiate for reducing the scope of the requirements under ITT Sub Clause 55.2, it will be required to guarantee that the lowest Tenderer remains the lowest Tenderer even after the scope of work has been revised and shall further be ensured that the objective of the Procurement will not be seriously affected through this reduction.

55.4 In the event that the Procuring Entity decides because of a high Tender price to reduce the scope of the requirements to meet the available budget, the Tenderer is not obliged to accept the proposal for scope reduction and shall not be penalised in any way for declining the proposed scope reduction.

56. Post-qualification

56.1 The determination on Post-qualification shall be based upon an examination and verification of the documentary evidence of the Tenderer's eligibility and qualifications submitted by the Tenderer, pursuant to ITT Clause 31, clarifications as stated under ITT Clause 48 and the qualification criteria indicated in ITT Clauses 12 to 17.

Factors not included therein shall not be used in the evaluation of the Tenderer's Post qualification.

56.2 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in non-responsiveness of the Tenderer's Tender, in which event the Procuring Entity shall proceed to the next lowest evaluated Tender to make a similar determination of that Tenderer's capabilities to perform the Contract satisfactorily, if awarded.

56.3 TEC may verify information contained in the Tender by visiting the premises of the Tenderer as a part of the post qualification process, if practical and appropriate.

57. Procuring Entity's Right to Accept any or to Reject Any or All Tenders

57.1 The Procuring Entity reserves the right to accept any Tender or to reject any or all the Tenders any time prior to contract award and, to annul the Procurement proceedings with prior approval of the Head of the Procuring Entity, any time prior to contract award following specified procedures, without thereby incurring any liability to Tenderers, or any obligations to inform the Tenderers of the grounds for the Procuring Entity's action.

58. Rejection of All Tenders

58.1 The Procuring Entity may, in the circumstances as stated under ITT Sub Clause 58.2 reject all Tenders following recommendations from the TEC only after the approval of such recommendations by the Head of the Procuring Entity.

58.2 All Tenders can be rejected, if -

- a) the price of the lowest evaluated Tender exceeds the official estimated cost, provided the estimate is realistic, subject to ITT Sub Clause 55.2; or
- b) there is evidence of lack of effective competition; such as non-participation by a number of potential Tenderers; or
- c) the Tenderers are unable to propose completion of the contract within the stipulated time in its Tender, though the stipulated time is reasonable and realistic; or
- d) all Tenders are non-responsive; or
- e) If, in the tendering process or in the tender documents, any defect, deviation, or inconsistency is observed, which appears to hinder the objective of public procurement should the procurement process be continued; or
- f) evidence of professional misconduct, affecting seriously the Procurement process, is established pursuant to Rule 149 of the Public Procurement Rules, 2025.

**59. Informing
Reasons for Rejection**

- 58.3 Notwithstanding anything contained in ITT Sub-Clause 58.2 Tenders may not be rejected if the lowest evaluated price is in conformity with the market price.
- 59.1 Notice of the rejection will be given promptly within three (3) working days of decision taken by the Head of the Procuring Entity to all Tenderers and, the Procuring Entity will, upon receipt of a written request, communicate to any Tenderer the reason(s) for its rejection but is not required to justify those reason(s).

G. Contract Award

60. Award Criteria

- 60.1 The Procuring Entity shall award the Contract to the Tenderer whose Tender is responsive to all the requirements of the Tender Document and that has been determined to be the lowest evaluated Tender, provided further that the Tenderer is determined to be Post-qualified in accordance with ITT Clause 56.
- 60.2 Tenderer will not be required, as a condition for award, to undertake responsibilities not stipulated in the Tender Documents, to change its price, or otherwise to modify its Tender.

**61. Notification of
Award**

- 61.1 Prior to the expiry of the Tender Validity period and within three (3) working days of receipt of the approval of the award by the Approving Authority, the Procuring Entity shall issue the Notification of Award (NOA) to the successful Tenderer.
- 61.2 The NOA, (Form PW3-9) attaching the Contract Agreement as per the sample (Form PW3-10) to be signed, shall state:
- (a) the acceptance of the Tender by the Procuring Entity;
 - (b) the price at which the contract is awarded;
 - (c) the amount of the Performance Security and its format;
 - (d) the date and time within which the Performance Security shall be furnished; and
 - (e) the date and time within which the Contract shall be signed.

**62. Reporting on
Contract Awarding**

- 62.1 Immediately, but no later than 24 hours, after issuing the Notification of Award, the Procuring Entity shall, for the information of other tenderers and procurement-related stakeholders, publish the contract award details **Format PW3-C** on the his/her notice board or on its own website, as well as on the BPPA website. Such information shall remain displayed on the notice board or retained on the website for at least twenty-eight (28) days.

**63. Performance
Security**

- 63.1 Performance Security shall be provided by the successful Tenderer in BDT currency, as mentioned in the TDS.
- 63.2 The proceeds of the Performance Security shall be payable to the Procuring Entity unconditionally upon first written demand as compensation for Contractor's failure to complete its obligations under the Contract.

	63.3	In the event a Government owned enterprise as stated under ITT Sub Clause 5.10 is the successful Tenderer, Performance Security, as stated under ITT Sub Clause 63.1, shall not be required and, in lieu, there shall be Retention Money at the rate of ten (10) percent from the payable invoices during Contract implementation.
64. Form and Time Limit for Furnishing of Performance Security	64.1	Performance Security, as stated under ITT Clause 63, may be in the form of a Bank Draft, or a Pay Order or an irrevocable unconditional Bank Guarantee in the format (Form PW3-11), without any alteration, issued by any Scheduled Bank of Bangladesh acceptable to the Procuring Entity.
	64.2	Within the timeline mentioned in the TDS from the issuance of the NOA but not later than the date specified therein, the successful Tenderer shall furnish the Performance Security for the due performance of the Contract in the amount as stated under ITT Sub Clauses 63.1 or 63.2.
65. Validity of Performance Security	65.1	Performance Security shall be required to be valid until a date twenty-eight (28) days beyond the Intended Completion Date as specified in Tender Document.
66. Authenticity of Performance Security	66.1	The Procuring Entity shall verify the authenticity of the Performance Security submitted by the successful Tenderer by sending a written request to the branch of the Bank issuing the Pay Order or Bank Draft or irrevocable unconditional Bank Guarantee in specified format.
	66.2	In case of Performance Security being found unauthentic, measures shall be taken following ITT Sub Clause 4.4.
67. Retention Money and Contractual Security	67.1	Until the completion of all Works, the Procuring Entity shall deduct from each interim payment certificate, a retention amount at the percentage rate as mentioned in TDS . Such retained amounts shall be withheld from the sums otherwise payable to the Contractor.
	67.2	The Performance Security mentioned in ITT Sub Clause 63.1 and the money to be retained as per ITT Sub Clause 67.1 will together be considered as the Contractual Security.
	67.3	The Contractual Security against the contract shall not go beyond the amount mentioned in the TDS unless it is recommended by the TEC to extend as mentioned in ITT Sub Clause 67.4.
	67.4	The Procuring Entity shall increase the amount of the Retention Money as well as the Contractual Security on the recommendation of TEC above the amounts as stated under ITT Sub Clause 52.7.
68. Contract Signing	68.1	At the same time as the Procuring Entity issues the NOA, the Procuring Entity will send the draft Contract Agreement and all documents forming the Contract to the successful Tenderer.
	68.2	Within the timeline mentioned in the TDS from the issuance of the NOA but not later than the date specified therein, the successful

Tenderer and the Procuring Entity shall sign the contract. In the event the successful Tenderer is a JV, all partners of that JV must sign.

- 68.3 Failure of the successful Tenderer to submit the Performance Security, as stated under ITT Sub Clause 63.1, or to sign the Contract, as stated under ITT Sub Clause 68.2, shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security. In that event the Procuring Entity may award the Contract to the next lowest evaluated responsive Tenderer, who is determined by the TEC to be qualified to perform the Contract satisfactorily.

69. Notification of Contract Signing

- 69.1 Immediately, but no later than three (3) days after the signing of contract, the Procuring Entity shall publish the contract-related information, in the format prescribed in **Format PW3-D** on the his/her notice board or on its own website. The Procuring Entity shall also publish, on the BPPA website or web portal, the contract-related information together with details of the beneficial ownership of the successful Tenderer. This information shall be kept posted in the notice board or websites for at least thirty (30) days.

70. Debriefing of Tenderers

- 70.1 Debriefing of Tenderers by the Procuring Entity shall outline the relative status and weakness only of his or her Tender requesting to be informed of the grounds for not accepting the Tender submitted by him or her, without disclosing information about any other Tenderer.
- 70.2 In the case of debriefing, confidentiality of the evaluation process shall be maintained.

71. Adjudicator

- 71.1 The Procuring Entity proposes the person named in the **TDS** to be appointed as Adjudicator under the Contract, at an indicative hourly fee and for those reimbursable expenses as specified in the **TDS**.

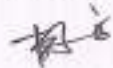
72. Right to Complain and appeal

- 72.1 Tenderer has the right to complain and appeal in accordance with the Sections 29 and 30 of Public Procurement Act 2006 and the Rule 72 of Public Procurement Rules, 2025. The Procuring Entity shall cause to dispose of the complaint and appeal in accordance with the provisions of Section 30 of Public Procurement Act 2006 and Rules 72-77 of Public Procurement Rules, 2025.

Section 2. Tender Data Sheet (TDS)

Instructions for completing Tender Data Sheet are provided in italics in parenthesis for the relevant ITT clauses

ITT Clause	Amendments of, and Supplements to, Clauses in the Instructions to Tenderers
A. General	
ITT 1.1	The Procuring Entity is: Project Director (Dhaka Power System Expansion and Strengthening Project in DESCO Area) Dhaka Electric Supply Company Limited (DESCO) The Name of the Tender is: Construction, Renovation and Dismantling of 11kV, 11/0.4kV, 0.4kV Overhead & Underground Lines and Installation of 11/0.4kV Distribution Transformers. Tender No: 01/2026 (WD-3: DPSESP) Invitation Reference Number: 27.24.0000.000.078.014.001.2026.500 Date: 29/06/2026 No. of Lots: 03 (Three) Lot-A: North Zone of DESCO Lot-B: South Zone of DESCO Lot-C: Central Zone of DESCO A tenderer is allowed to participate in any or all lots under this tender.
ITT 3.1	The source of public funds is Own Fund of DESCO
ITT 3.3	The name of the Development Partner is: Not applicable.
ITT 5.1	Tenderers from the following countries are not eligible: Countries Prohibited by Government of Bangladesh
ITT 5.13	Tenderers shall have the following up to date valid License a) Valid Electrical ABC Contractor License (for each partner in case of JVCA) b) Valid Trade License
ITT 6.1	Materials, Equipment and associated services from the following countries are not eligible: Countries Prohibited by Government of Bangladesh
B. Tender Document	
ITT 8.2	The following are authorised agents/offices of the Procuring Entity for the purpose of issuing the Tender Document: <u>Agent's/office Name:</u> Office of the Project Director (Dhaka Power System Expansion and Strengthening Project in DESCO Area). <u>Address:</u> House # 4 (2nd floor), Road # 1/A, Nikunja – 2, Khilkhet, Dhaka-1229. <u>Telephone No.:</u> +8801713443020


	Facsimile No.: 0088 02 8900100 e-mail address: dpsesp@desco.gov.bd. <u>Office address of Agent(s):</u> None Address: Telephone No.: Fax No.: e-mail address:
ITT 9.1	For clarification of Tender Document purposes only, the Procuring Entity's address is: Project Director (Dhaka Power System Expansion and Strengthening Project in DESCO Area). Address: House # 4 (2nd floor), Road # 1/A, Nikunja – 2, Khilkhet, Dhaka-1229. Telephone: +8801713443020 Fax No.: 0088 02 8900100 e-mail address: dpsesp@desco.gov.bd.
ITT 10.1	Any Pre-Tender meeting shall not be held.
C. Qualification Criteria	
ITT 13.1 (a)	The minimum number of years of general experience of the Tenderer in the Electrical works as Prime Contractor or Subcontractor shall be 05 (five) years. <i>[years counting backward from the date of publication of IFT in the newspaper.]</i>
ITT 13.1 (b)	The minimum specific experience as a Prime Contractor or Subcontractor or Management Contractor in construction works under public sector of at least 01 (One) Completed Contract of works of similar nature of Works and related services [Construction Works of distribution overhead line, (not below 11kV level)] within the last 10 (ten) years, with a value of at least. ▪ For Lot-A (North Zone): Tk. 2,10,00,000.00 (Taka Two Crore Ten Lakh) only; ▪ For Lot-B (South Zone): Tk. 1,65,00,000.00 (Taka One Crore Sixty-Five Lakh) only; ▪ For Lot-C (Central Zone): Tk. 1,60,00,000.00 (Taka One Crore Sixty Lakh) only. <i>State name of the employer, the nature of works, Mileage of overhead line, duration of the contract, date of completion, NoA/Contract/Work order number with date and the value of the contract/total amount of bill in the Satisfactory Performance/Completion Certificate.</i> <i>[years counting backward from the date of publication of IFT in the newspaper]</i>
ITT 14.1 (a)	(deleted)
ITT 14.1 (b)	The required average annual construction turnover for the period of best 03 (three) years in the last 05 (five) financial years shall be of value not less than... ▪ For Lot-A (North Zone): Tk. 2,80,00,000.00 (Taka Two Crore Eighty Lakh) only; ▪ For Lot-B (South Zone): Tk. 2,20,00,000.00 (Taka Two Crore Twenty Lakh) only; ▪ For Lot-C (Central Zone): Tk. 2,10,00,000.00 (Taka Two Crore Ten Lakh) only

ITT 14.1 (c)	The minimum amount of financial resources as liquid asset or working capital or credit line(s) or specific credit commitment or in any combination of them, of the Tenderers (net of other contractual commitments) shall be as follows: ▪ For Lot-A (North Zone): Tk. 60,00,000.00 (Taka Sixty Lakh) only; ▪ For Lot-B (South Zone): Tk. 45,00,000.00 (Taka Forty-Five Lakh) only; ▪ For Lot-C (Central Zone): Tk. 45,00,000.00 (Taka Forty-Two Lakh) only In support of Credit Facility, the tenderer shall submit Letter of Commitment of Bank's Undertaking for Line of Credit as per PW3-8																																										
ITT 14.1 (d)	The minimum capacity shall be as follows: ▪ For Lot-A (North Zone): Tk. 3,00,00,000.00 (Taka Three Crore) only; ▪ For Lot-B (South Zone): Tk. 2,50,00,000.00 (Taka Two Crore-Fifty Lakh) only; ▪ For Lot-C (Central Zone): Tk. 2,20,00,000.00 (Taka Two Crore-Twenty Lakh) only																																										
ITT 15.1	The key personnel for each lot shall be as follows: - Project Engineer - Site Engineer - Foreman and others Experience and qualification of key personnel (supported by CVs following the Form PW3-5) have been described in Section 8: Particular Specifications.																																										
ITT 16.1	Tenderers shall own or have proven access to hire or lease of the major construction equipment, in full working order for each lot as follows: Details have been described in Section 7: General Specifications.																																										
ITT 17.1	The value of non-judicial stamp for execution of the Joint Venture Agreement shall be Tk. 300 (Taka Three hundred) only.																																										
ITT 17.2	Maximum number of partners in the JV shall be: 03 (three) The minimum qualification requirements of Leading Partner, other Partner(s) and requirements by summation of a JV shall be as follows: <table border="1"> <thead> <tr> <th>ITT Clauses References</th><th>Requirements by summation</th><th>Requirements for Leading Partner</th><th>Requirements for other Partner(s)</th></tr> </thead> <tbody> <tr> <td>ITT-13.1(a)</td><td>Summation not applicable</td><td>Same as stated in TDS</td><td>Same as for Leading Partner</td></tr> <tr> <td>ITT-13.1(b)</td><td>100%</td><td>One Completed Contract</td><td>Minimum requirement not applicable</td></tr> <tr> <td>ITT-14.1(a)</td><td>100%</td><td>40%</td><td>25%</td></tr> <tr> <td>ITT-14.1(b)</td><td>100%</td><td>40%</td><td>25%</td></tr> <tr> <td>ITT-14.1(c)</td><td>100%</td><td>40%</td><td>25%</td></tr> <tr> <td>ITT-14.1(d)</td><td>Summation not applicable</td><td>Same as stated in TDS</td><td>Same as stated in TDS</td></tr> <tr> <td>ITT-15.1</td><td>100%</td><td>Minimum requirement not applicable</td><td>Minimum requirement not applicable</td></tr> <tr> <td>ITT-16.1</td><td>100%</td><td>Minimum requirement not applicable</td><td>Minimum requirement not applicable</td></tr> <tr> <td>ITT-17.5</td><td>100%</td><td>Maximum among the Partners</td><td>Minimum 25%</td></tr> </tbody> </table>			ITT Clauses References	Requirements by summation	Requirements for Leading Partner	Requirements for other Partner(s)	ITT-13.1(a)	Summation not applicable	Same as stated in TDS	Same as for Leading Partner	ITT-13.1(b)	100%	One Completed Contract	Minimum requirement not applicable	ITT-14.1(a)	100%	40%	25%	ITT-14.1(b)	100%	40%	25%	ITT-14.1(c)	100%	40%	25%	ITT-14.1(d)	Summation not applicable	Same as stated in TDS	Same as stated in TDS	ITT-15.1	100%	Minimum requirement not applicable	Minimum requirement not applicable	ITT-16.1	100%	Minimum requirement not applicable	Minimum requirement not applicable	ITT-17.5	100%	Maximum among the Partners	Minimum 25%
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ITT 18.4	The Nominated Subcontractor(s) named [insert name(s)] shall execute the following specific components of the proposed Works: None
D. Tender Preparation	
ITT 23.1 (h)	The Tenderer shall submit with its Tender the following documents as a proof of fulfilling taxation obligations: i) Copy of the receipt of Tender Document Purchase ii) The Valid Trade License iii) e-TIN Certificate iv) Proof of Submission of Return (PSR) v) VAT Registration Certificate vi) CV, photograph and consent letter of the key personnel proposed as per ITT sub-clause 15.1, including documents in support of the eligibility requirements mentioned for them in Section 8: Particular Specifications. vii) Person(s) signing the Tender shall provide a copy of his or her national Identification card and the written confirmation authorizing the signatory of the Tender to commit the Tenderer (if applicable).
ITT 23.1 (n)	The Tenderer shall submit the following additional documents in support of requirements following along with the Technical Proposal. Failure to meet any requirement mentioned below (a-d) shall cause the rejection of tender. a. Documents in support of the requirements stated in ITT sub-clauses 13.1(a), 13.1(b), 14.1(b), 14.1(c) and 14.1(d). b. Satisfactory Performance Certificates issued by the end users in support of the requirements stated in ITT sub-clause 13.1(b) and 14.1(d), containing <i>name of the employer, the nature of works, Mileage of overhead line, duration of the contract, date of completion, NoA/Contract/Work order number with date and the value of the contract/total amount of bill</i>. The certificates shall be at the official letterhead pad of the end user clearly indicating the name and contact address/phone number/e-mail address/fax number of the end user. c. Audited Financial Reports for the best 03 (three) years over the last 05 (five) years as evidence of Average Annual Turnover as per Clause ITT 14.1(b). d. If the tenderer (individually or/and as a partner of JVCA) is presently engaged in similar nature of Services/Contract or the tenderer had completed the contract(s) of similar nature of Services within last 07 (seven) years in DESCO, the tenderer shall submit the satisfactory performance certificate (containing <i>name of the employer, the nature of works, Mileage of overhead line, duration of the contract, date of completion, NoA/Contract/Work order number with date and</i>

	<i>the value of the contract/total amount of bill) of ongoing/completed contract(s) issued by the respective user division/concerned authority.</i>
ITT 25.1	Alternatives will not be permitted.
ITT 25.2	Alternative technical solutions for any parts of works will not be permitted.
ITT 26.8	The prices quoted by the Tenderers shall be fixed for the duration of the Contract (including extension of contract if required).
ITT 30.1	The required Technical Proposal shall include the following additional information: None
ITT 31.1(e)	The required information regarding claims under litigation shall be current or during the last 05 (five) years .
ITT 31.1 (i)	The required audit reports on the financial standing, such as profit and loss statements and balance sheet shall be for the past 05 (five) years .
ITT 32.1	The Tender Validity period shall be 150 (one hundred Fifty) days .
ITT 34.1	The amount of the Tender Security shall be: ▪ For Lot-A (North Zone): Tk. 9,00,000.00 (Taka Nine Lakh) only; ▪ For Lot-B (South Zone): Tk. 7,00,000.00 (Taka Seven Lakh) only; ▪ For Lot-C (Central Zone): Tk. 6,50,000.00 (Taka Six Lakh Fifty Thousand) only The Tender Security shall be in the form of Bank Guarantee/Bank Draft/Pay Order from any scheduled bank in Bangladesh (as per PW3-7) in favor of Dhaka Electricity Supply PLC (DESCO)
ITT 39.1	In addition to the original of the Tender, 02 copies shall be submitted .
E. Tender Submission	
ITT 40.2 (e)	The inner and outer envelopes shall bear the following additional identification marks: Not required
ITT 41.1	For <u>Tender submission purposes</u> only, the Procuring Entity's address is: i) Attention: Project Director (Dhaka Power System Expansion and Strengthening Project in DESCO Area). Address: House # 4 (2nd floor), Road # 1/A, Nikunja - 2, Khilkhet, Dhaka-1229. Telephone No.: +8801713443020 Facsimile No.: 0088 02 8900100 e-mail address: dpsesp@desco.gov.bd.
	ii) Executive Engineer (Gulshan S&D Division) Address: House No. 47, Road No. 134, Gulshan-1, Dhaka-1212 Telephone: +88-02-9859493 The deadline for submission of Tenders is: Time & Date: As per Tender Notice.

	iii) Office of the Superintending Engineer (S&D Operation, Uttara Circle) Address: 20-21 Shajalal Avenue, Sector-6, Uttara, Dhaka-1230. The deadline for the submission of Tenders is: Time & Date: As per Tender Notice
F. Tender Opening and Evaluation	
ITT 44.1	The Tender opening shall take place at: Office of the Project Director (Dhaka Power System Expansion and Strengthening Project in DESCO Area), DESCO Address: House # 4 (2nd floor), Road # 1/A, Nikunja - 2, Khilkhet, Dhaka-1229. Time: As per Tender Notice
G. Contract Award	
ITT 60.1	Contracts shall be awarded in the following manner: (a) A tenderer (either individually or as a partner of JVCA) will be considered for award of contract for only 01 (one) lot under the tender. (b) If a tenderer (either individually or as a partner of JVCA) participates in 01 (one) lot under the tender and is evaluated as the lowest responsive tenderer in that lot, the contract shall be awarded to the tenderer at its evaluated tender price. (c) If a tenderer (either individually or as a partner of JVCA) is evaluated as lowest responsive in more than 01 (one) lot under the tender, contract shall be awarded to the tenderer for 01 (one) lot at its evaluated tender price that would result in the least total value of the tender and not necessarily the larger lot as the tenderer may wish. (d) A tenderer (either individually or as a partner of JVCA) considered for award of contract in 01 (one) lot under the tender shall be screened out from rest of the lots under the tender. In such situation, the next ranked responsive tenderer shall be considered for award of contract at its evaluated tender price. Same procedure as stated in ITT sub-sub-clause 60.1 shall also be followed for the least tender value, where applicable. (e) However, in case of screening out of all the responsive tenderers in a particular lot (say, Lot-X), the lowest responsive tenderer of that lot shall be awarded the contract for Lot-X and shall be screened out from rest of the lot(s) under the tender. After that, same procedure as stated above [ITT sub-sub-clauses 60.1] shall be applicable for the remaining lot(s) under the tender. In no cases, a particular tenderer (either individually or as a partner of JVCA) shall be awarded contract for more than 01 (one) lot under the tender.
ITT 63.1	Performance Security shall be provided by the successful Tenderer in BDT currency, at the rate of five (5) percent of the contract price for each lot in favour of 'Dhaka Electricity Supply PLC (DESCO)'.

ITT 64.2	The successful Tenderer shall furnish the Performance Security (as per PW3-11) for the due performance of the Contract within 07 (Seven) working days of issuance of the Notification of Award (NoA) for each lot in favour of 'Dhaka Electricity Supply PLC (DESCO)' .
ITT 67.1	The Procuring Entity shall deduct at the rate of five (5) percent from each interim payment certificate as Retention Money for each lot .
ITT 67.3	The Contractual Security against the contract shall not go beyond ten (10) percent of the contract price.
ITT 68.2	The successful Tenderer shall sign the contract with the Procuring Entity within 14 days of issuance of the Notification of Award (NoA).
ITT 71.1	The Adjudicator proposed by the Procuring Entity is President of the Institution of Engineers, Bangladesh (IEB) . The hourly fees including reimbursable expenses (if any) shall be maximum Tk. 5,000 (taka five thousand) only, but the total shall not exceed 5% (five percent) of the Contract Price.

Section 3: General Conditions of Contract

A. General

1. Definitions

1.1 In the Conditions of Contract, which include Particular Conditions and these General Conditions, the following words and expressions shall have the meaning hereby assigned to them. Boldface type is used to identify the defined terms:

- (a) **Act means** The Public Procurement Act, 2006 (Act 24 of 2006).
- (b) **Adjudicator** is the expert appointed jointly by the Procuring Entity and the Contractor to resolve disputes in the first instance, as provided for in GCC Sub Clause 95.2.
- (c) **Approving Authority** means the authority which, in accordance with the Delegation of Financial Powers, approves the award of contract.
- (d) **Bill of Quantities (BOQ)** means the priced and completed Bill of Quantities forming part of the Contract defined in GCC Clause 59.
- (e) **Compensation Events** are those defined in GCC Clause 67.
- (f) **Commencement Date** means the date notified under GCC Clause 39.1.
- (g) **Competent Authority** means the authority that gives decision on specific issues as per delegation of administrative and/or financial powers.
- (h) **Completion Certificate** means the Certificate issued by the Project Manager as evidence that the Contractor has executed the Works in all respects as per design, drawing, specifications and Conditions of Contract.
- (i) **Completion Date** is the actual date of completion of the Works certified by the Project Manager, in accordance with GCC Clause 78.
- (j) **Contract Agreement** means the Agreement entered into between the Procuring Entity and the Contractor, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein to execute, complete, and maintain the Works.
- (k) **Contract Documents** means the documents listed in GCC Clause 6, including any amendments thereto.

- (l) **Contractor** means the Person under contract with the Procuring Entity for the execution of Works under the Rules and the Act as stated in the PCC.
- (m) **Contract Price** means the price payable to the Contractor as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, for the execution, completion and maintenance of the Works in accordance with the provisions of the Contract.
- (n) **Contractor's Tender** is the completed Tender Document including the priced BOQ and the Schedules submitted by the Contractor to the Procuring Entity.
- (o) **Cost** means all expenditures reasonably incurred or to be incurred by the Contractor, whether on or off the Site, including overhead, taxes, duties, fees and such other similar levies including corresponding incidental charges and premiums for banking and insurances, as applicable.
- (p) **Day** means calendar day unless otherwise specified as working days.
- (q) **Dayworks** means work carried out following the instructions of the Procuring Entity or the authorised Project Manager and is paid for on the basis of time spent by the Contractor's workers and equipment at the rates specified in the Schedules, in addition to payments for associated Materials and Plant.
- (r) **Defect** is any part of the Works not completed in accordance with the Contract Agreement.
- (s) **Defects Correction Certificate** is the certificate issued by the Project Manager upon correction of defects by the Contractor.
- (t) **Drawings** include calculations and other information provided in Section 9 of the Tender Document or as approved by the Project Manager for the execution and completion of the Contract.
- (u) **Equipment** is the Contractor's apparatus, machinery, vehicles and other things required for the execution and completion of the Works and remedying any defects - excluding Temporary Works and the Procuring Entity's Equipment (if any), Plant, Materials and any other things to form or forming part of the Permanent Works.
- (v) **Force Majeure** means an event or situation beyond the control of the Contractor that is not foreseeable, is unavoidable, and its origins not due to negligence or lack of care on the part of the Contractor; such

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events may include, but not be limited to, acts of the Government in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes or more as included in GCC Clause 83;

- (w) **GCC** means the General Conditions of Contract.
- (x) **Government** means the Government of the People's Republic of Bangladesh.
- (y) **Goods** mean the Contractor's Equipment, Materials, Plant and Temporary Works, or any of them as appropriate.
- (z) **"Head of the Procuring Entity"** means the Secretary of a Ministry or a Division, the Head of a Government Department or Directorate; or the Chief Executive, or as applicable, Divisional Commissioner, Deputy Commissioner, District Judge; or by whatever designation called, of a local Government agency, an autonomous or semi-autonomous body or a corporation, or a corporate body established under the Companies Act;
- (aa) **Intended Completion Date** is the date calculated from the Commencement Date as specified in the PCC, on which it is intended that the Contractor shall complete the Works as specified in the Contract and may be revised only by the Project Manager by issuing an extension of time or an acceleration order.
- (bb) **Materials** means things of all kinds other than Plant intended to form or forming part of the Permanent Works, including the supply-only materials, if any, to be supplied by the Contractor under the Contract.
- (cc) **Month** means calendar month.
- (dd) **Original Contract Price** is the Contract Price stated in the Procuring Entity's Notification of Award (**Form PW3-9**) and further clearly determined in the PCC.
- (ee) **Permanent works** means the permanent works to be executed by the Contractor under the Contract.
- (ff) **PCC** means the Particular Conditions of Contract.
- (gg) **Plant** means the apparatus, machinery and other equipment intended to form or forming part of the Permanent Works, including vehicles purchased for the Procuring Entity and relating to the construction of the Works.
- (hh) **Procuring Entity** means a Procuring Entity having administrative and financial powers to undertake procurement of Works using public funds and is as named in the PCC who employs the Contractor to carry out the Works.

- (ii) **Project Manager** is the person named in the PCC or any other competent person appointed by the Procuring Entity and notified to the Contractor who is responsible for supervising the execution and completion of the Works and administering the Contract.
- (jj) **Provisional Sums means** amounts of money specified by the Procuring Entity in the BOQ which shall be used, at its discretion for meeting other essential expenditures under the Contract pursuant to GCC Clause 75.
- (kk) **Retention Money** means the accumulated retention moneys which the Procuring Entity retains under GCC Clause 70.
- (ll) **Rules** means The Public Procurement Rules, 2025.
- (mm) **Schedules** means the document(s) entitled schedules, completed by the Contractor and submitted with the Tender Submission Letter, as included in the Contract. Such document may include the data, lists and schedules of rates and/or prices.
- (nn) **Site** means the places where the Permanent Works are to be executed including storage and working areas and to which Plant and Materials are to be delivered, and any other places as may be specified in the PCC as forming part of the Site.
- (oo) **Site Investigation Reports** are those that were included in the Tender Document and are factual and interpretative reports about the surface and subsurface conditions at the Site.
- (pp) **Specification** means the Specification of the Works included in the Contract and any modifications or additions to the specifications made or approved by the Project Manager in accordance with the Contract.
- (qq) **Start Date** is the date given in the PCC and it is the last date when the Contractor shall commence execution of the Works under the Contract.
- (rr) **Subcontractor** means 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.
- (ss) **Temporary Works** means all temporary works of every kind other than Contractor's Equipment required on the Site for the execution and completion of the Permanent Works and remedying of any defects.
- (tt) **Variation** means any change to the Works directly procured from the original Contractor to cover increases or decreases in quantities, including the

- (uu) **Works** means all works associated with the construction, reconstruction, site preparation, demolition, repair, maintenance or renovation of railways, roads, highways, or a building, an infrastructure or structure or an installation or any construction work relating to excavation, installation of equipment and materials, decoration ancillary to Works as detailed in the PCC, if the value of those services does not exceed that of the Works themselves.
- (vv) **Writing** means communication written by hand or machine duly signed and includes properly authenticated messages by facsimile or electronic mail.

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(b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

2.4

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or

		unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
	2.5	Sectional completion: 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).
3. Communications & Notices	3.1	Communications between Parties (notice, request or consent required or permitted to be given or made by one party to the other) pursuant to the Contract shall be in writing to the addresses specified in the PCC .
	3.2	A notice shall be effective when delivered or on the notice's effective date, whichever is later.
	3.3	A Party may change its address for notice hereunder by giving the other Party notice of such change to the address.
4. Governing Law	4.1	The Contract shall be governed by and interpreted in accordance with the laws of the People's Republic of Bangladesh.
5. Governing Language	5.1	The Contract shall be written in English. All correspondences and documents relating to the Contract may be written in English or <i>Bangla</i> . Supporting documents and printed literature that are part of the Contract may be in another language, provided they are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Contract, such translation shall govern.
	5.2	The Contractor shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.
6. Documents Forming the Contract and Priority of Documents	6.1	The following documents forming the Contract shall be interpreted in the following order of priority: (a) the signed Contract Agreement (Form PW3-9); (b) the Notification of Award (PW3-8); (c) the completed Tender and the Appendices to the Tender; (d) the Particular Conditions of Contract; (e) the General Conditions of Contract; (f) the Particular Specifications; (g) the Environmental and Social Specifications and related risk management plan; (h) the General Specifications; (i) the Drawings; (j) the priced BOQ and the Schedules; and (k) any other document listed in the PCC forming part of the Contract.

- 7. Scope of Works**
- 7.1 The Works to be executed, completed and maintained shall be as specified in the BOQ, the General and Particular Specifications and Drawings.
- 7.2 Unless otherwise stipulated in the Contract, the Works shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for completion of the Works as if such items were expressly mentioned in the Contract.
- 8. Assignment**
- 8.1 Neither the Contractor nor the Procuring Entity shall assign, in whole or in part, its obligations under the Contract.
- 9. Eligibility**
- 9.1 The Contractor and its Subcontractor(s) shall have the nationality of a country other than that specified in the PCC.
- 9.2 All materials, equipment, plant, and supplies used by the Contractor in both permanent and temporary works and services supplied under the Contract shall have their origin in the countries except any specified in the PCC.
- 10. Gratuities / Agency fees**
- 10.1 No fees, gratuities, rebates, gifts, commissions or other payments, other than those shown in the Tender or in the Contract, have been given or received in connection with the procurement process or in the Contract execution.
- 11. Confidential Details**
- 11.1 The Contractor's and the Procuring Entity's personnel shall disclose all such confidential and other information as may be reasonably required in order to verify the Contractor's compliance with the Contract and allow its proper implementation.
- 11.2 Each of them shall treat the details of the Contract as private and confidential, except to the extent necessary to carry out their respective obligations under the Contract or to comply with applicable Laws. Each of them shall not publish or disclose any particulars of the Works prepared by the other Party without the previous agreement of the other Party. However, the Contractor shall be permitted to disclose any publicly available information, or information otherwise required to establish his qualifications to compete for other projects.
- 12. Joint Venture (JV)**
- 12.1 If the Contractor is a JV,
- (a) each partner of the JV shall be jointly and severally liable for all liabilities and ethical or legal obligations to the Procuring Entity for performance of the Contract;
 - (b) the JV partners shall nominate the **Leading Partner as Representative or Partner-in-charge** being entrusted with the Contract administration and management at Site who shall have the authority to conduct all business including the receipt of payments for and on behalf of all partners of the JV;

- (c) If there is a dispute that results in legal action being taken in court then action will be taken against all partners of the JV, if they are available and, if only one partner is available, then that partner alone shall answer on behalf of all partners and, if the complaint lodged is proven, the penalty shall be applicable on that partner alone as whatever penalty all the partners would have received; provided that if the other partners of the JV subsequently become available before the legal action has been completed, the Procuring Entity shall have the right to take action against those other partners of that JV as well.
- (d) the composition or constitution and legal status of the JV shall not be altered without the prior approval of the Procuring Entity;
- (e) alteration of partners, **except the Leading partner**, shall only be allowed if any of them is found to be incompetent or has any serious difficulties which may impact the overall implementation of the Works, whereby the incoming partner shall require to possess qualifications higher than that of the outgoing partner;
- (f) The business share of the Leading Partner shall be the highest among all the partners. Other partner(s) shall have at least 25% of business share each.

13. Possession of the Site

- 13.1 The Procuring Entity shall give possession of the Site or part(s) of the Site, to the Contractor on the date(s) stated in the PCC. If possession of a part of the Site is not given by the date stated in the PCC, the Procuring Entity will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event as stated under GCC Sub Clause 67.1(a). Further delays may lead to fundamental breach of contract as per GCC Sub Clause 88.1(vi).

14. Access to the Site

- 14.1 The Contractor shall allow the Project Manager and any person authorised 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.

15. Procuring Entity's Responsibilities

- 15.1 The Procuring Entity shall pay the Contractor, in consideration of the satisfactory progress of 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 Agreement.
- 15.2 The Procuring Entity shall make its best effort to guide and assist the Contractor in obtaining, if required, any permit, licence, and approvals from local public authorities for the purpose of execution of the Works under the Contract.

16. Approval of the Contractor's Temporary Works

- 16.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, who is to approve them, if they comply with the Specifications and Drawings.
- 16.2 The Contractor shall be responsible for design of Temporary Works.
- 16.3 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
- 16.4 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.

17. Contractor's Responsibilities

- 17.1 The Contractor shall execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract Agreement.

18. Taxes and Duties

- 18.1 The Contractor shall be entirely responsible for all applicable taxes, custom duties, VAT, and other levies imposed or incurred inside and outside Bangladesh.

19. Contractor's Personnel

- 19.1 The Contractor shall employ the key personnel named in the Schedule of Key Personnel, as referred to in the PCC, to carry out the functions stated in the Schedule or other personnel approved by the Project Manager.
- 19.2 The Project Manager will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or higher than those of the personnel named in the Schedule.
- 19.3 If the Project Manager asks the Contractor to remove a particular person who is a member of the Contractor's staff or work force from the Site, he or she shall state the reasons, and the Contractor shall ensure that the person leaves the Site within three (3) days and has no further connection with the work in the Contract.

20. Subcontracting

- 20.1 Subcontracting the whole of the Works by the Contractor shall not be permissible. However, Contractor(s) may intend to subcontract an activity or part of the Works but not exceeding 30% (Thirty percent) of the whole works in value. The Contractor shall be responsible for the acts or defaults of any Subcontractor, his or her agents or employees, as if they were the acts or defaults of the Contractor.
- 20.2 The prior consent, in writing, of the Head of the Procuring Entity (HOPE) or an officer authorized by him shall however be obtained for other proposed Subcontractor(s) not mentioned in the Contract.
- 20.3 Any unauthorised subcontracting after entering into the contract shall be considered as fundamental breach of contract.
- 20.4 Nominated Subcontractor named in the Contract shall be entitled to execute the specific components of the Works stated in the PCC.
- 20.5 Subcontractors shall comply with the provisions of GCC Clause 38.

- 20.6 An agreement executed between the Contractor and the Sub-contractor(s) shall be submitted to the Project manager before the Sub-contractor(s) performs works.
- 21. Other Contractors** 21.1 The Contractor shall cooperate and share the Site with other Contractors, public authorities, utilities, the Project Manager and the Procuring Entity between the dates given in the Schedule of other Contractors. The Contractor shall also provide facilities and services for them as described in the Schedule. The Procuring Entity may modify the Schedule of other Contractors, and shall notify the Contractor of any such modification.
- 22. Project Manager's Decisions** 22.1 Except where otherwise specifically stated in the **PCC**, the Project Manager will decide Contractual matters between the Procuring Entity and the Contractor in its role as representative of the Procuring Entity.
- 23. Delegation** 23.1 The Project Manager may delegate any of his duties and responsibilities to his representative except to the Adjudicator, after notifying the Contractor, and may cancel any delegation, without retroactivity, after notifying the Contractor.
- 23.2 Any communications to the Contractor in accordance with such delegation shall have the same effect as if it was given by the Project Manager.
- 24. Instructions** 24.1 The Contractor shall carry out all instructions of the Project Manager that comply with the applicable law.
- 25. Queries About the Contract Conditions** 25.1 The Project Manager, on behalf of the Procuring Entity, will clarify queries on the Conditions of Contract.
- 26. Safety, Security and Protection of the Environment** 26.1 The Contractor shall throughout the execution and completion of the Works and the remedying of any defects therein:
- a. take all reasonable steps to protect the environment (both on and off the Site) and to limit damage and nuisance to persons and property of the public and others resulting from pollution, noise and other detrimental aspects as consequences of Contractor's operations in compliance with the **Section 9: ES Specifications**;
 - b. take all reasonable steps to safeguard the health and safety of all workers working on the Site and other persons entitled to be on it, and to keep the Site in an orderly state and protect community health and safety as per applicable national laws, regulations and in compliance with the **ES Specifications**;
 - c. prepare and submit to the Project Manager for approval an **ES risk management plan** as mentioned in the **PCC** in compliance with the **ES Specifications** within fifteen (15) days of commencement of work;
 - d. ensure that emissions, surface discharges and effluent from the Contractor's activities shall not exceed the

values indicated in the **ES Specifications** and the values prescribed by applicable Laws;

- e. use reasonable efforts to keep the Site and Works clear of unnecessary obstruction so as to avoid danger to these persons;
- f. provide and maintain fencing, lights, guards, warning signs and watching of the Works until completion and 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.

27. Working Hours

- 27.1 The Contractor shall not perform any work on the Site on the weekly holidays, or during the night or outside the normal working hours, or on any religious or public holiday, without the prior written approval of the Project Manager.

28. Welfare of Labourer's

- 28.1 The Contractor shall comply with all the relevant labour Laws applicable to the Contractor's personnel relating to their employment, health, safety, welfare, immigration and shall allow them all their legal rights.
- 28.2 The Contractor, in particular, shall provide proper accommodation to his or her labourers and arrange proper water supply, conservancy and sanitation arrangements at the site for all necessary hygienic requirements and for the prevention of epidemics in accordance with relevant regulations, rules and orders of the government.
- 28.3 The Contractor, further in particular, shall pay reasonable wages to his or her labourers, and pay them in time. In the event of delay in payment the Procuring Entity may affect payments to the labourers and recover the cost from the Contractor.
- 28.4 In addition to complying with the labour welfare provisions as per applicable national laws and regulations, the Contractor shall also comply with the labour and working conditions as required in **ES Specifications**.

29. Prohibition on Child Labor

- 29.1 The Contractor shall not employ any child to perform any work that is economically exploitative, or is likely to be hazardous to, 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 in compliance with the applicable labor laws and other relevant treaties ratified by the government.

30. Discoveries

- 30.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Procuring Entity. The Contractor shall notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them.

31. Procuring Entity's and Contractor's Risks

31.1 The Procuring Entity carries the risks that the Contract states are Procuring Entity's risks and the Contractor carries the risks that the Contract states are Contractor's risks.

32. Procuring Entity's Risks

32.1 From the Start Date until the Defects Correction Certificate has been issued, the following are Procuring Entity'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 Procuring Entity 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 Procuring Entity or in the Procuring Entity's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.

32.2 From the Completion Date until the Defects Correction Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is Procuring Entity'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 Procuring Entity's risk; or
- (c) the activities of the Contractor on the Site after the Completion Date.

33. Contractor's Risks

33.1 From the Start Date until the Defects Correction 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 Procuring Entity's risks are Contractor's risks.

34. Copyright

34.1 Tenderers shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.

34.2 The Contractor shall not, except for the purposes of performing the obligations under the Contract, without the written permission of the Procuring Entity disclose or make use of any specification, plan, design and drawing, pattern, sample or information furnished by or on behalf of the Procuring Entity.

35. Limitation of Liability

- 35.1 Except in cases of criminal negligence or wilful misconduct:
- (a) the Contractor shall not be liable to the Procuring Entity, whether in Contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Contractor to pay liquidated damages to the Procuring Entity; and
 - (b) the aggregate liability of the Contractor to the Procuring Entity, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective Works, or to any obligation of the Contractor to indemnify the Procuring Entity with respect to patent infringement.

36. Insurance

- 36.1 The Contractor shall provide, in the joint names of the Procuring Entity and the Contractor, insurance cover for the Start Date to the end of the Defects Liability Period, in the amounts specified 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.
 - (e)
- 36.2 The Contractor shall deliver policies and certificates of insurance to the Project Manager, for the Project Manager's approval, before the Start Date. All such insurances shall provide for compensation to be payable in the types and proportions required to rectify the loss or damage incurred.
- 36.3 If the Contractor does not provide any of the policies and certificates required, the Procuring Entity may affect the insurance which the Contractor should have provided and recover the premiums the Procuring Entity 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.
- 36.4 Alterations to the terms of insurance shall not be made without the approval of the Procuring Entity.
- 36.5 Both parties shall comply with conditions of the insurance policies.
- 36.6 The Contractor shall cause extension of the insurance coverage in case of any extension of the contract period.

37. Management and Progress Meetings

- 37.1 Either the Project Manager or the Contractor may require the other to attend a management and progress meeting. The business of such meeting shall be to review the progress and plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
- 37.2 The Project Manager shall record the business of the meetings and provide copies of the record to those attending the meeting and to the Procuring Entity. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management and progress meeting or after the meeting, and stated in writing to all concerned.
- 37.3 The Contractor shall prepare and submit to the Project Manager monthly progress report in a format and manner as mentioned in Environmental and Social risk management plan as specified in GCC Sub Clause 26.1 (c).

38. Corrupt, Fraudulent, Collusive, Coercive and Obstructive Practices

The Government and the Development Partner requires that the Procuring Entity as well as the Contractor (including sub-contractors, agents, personnel, consultants and service providers), shall observe the highest standard of ethics during the implementation of procurement proceedings and the execution of contracts under public funds.

The Contractor (including sub-contractors, agents, personnel, consultants and service providers) shall permit the Government, the BPPA and/or the Development Partner to inspect the Contractor's accounts and records and other documents relating to the submission of Tender and contract performance, and to have them audited by auditors appointed by the Government and/or the Development Partner, if so required.

For the purposes of GCC Sub Clause 38.4, the terms set forth below as follows:

- (a) **"Corrupt practice"** means offering or promising to offer, directly or indirectly, any bribe, employment, valuable item or service, or financial benefit to any officer or employee of the Procuring Entity or of any other public or private authority, with the intent to influence any act, decision, or procedure of the Procuring Entity in the course of the procurement process or contract execution, or the acceptance or solicitation of such by any officer or employee of the Procuring Entity. It shall also include any involvement of the Procuring Entity or any of its employees in corrupt, fraudulent, collusive, coercive, or obstructive practices as mentioned in this Rule;
- (b) **"Fraudulent practice"** means any act of providing false statements, dishonestly concealing information, or omitting or misrepresenting or distorting facts by any person to influence a decision in the procurement process or contract execution;

- (c) PE can debar the Contractor for a period up to 2 (two) years for the procurement of all procuring entities due to termination of contract on the ground of fundamental breach of contract.

38.6 The Contractor shall be aware of the provisions on corruption, fraudulence, collusion and coercion in Section 64 of the Public Procurement Act, 2006 and Rule 149 of the Public Procurement Rules, 2025 and in case of Development Partner financed contract, the Procurement Guidelines of the Development Partner.

B. Time Control

39. Commencement of Works

39.1 Except otherwise specified in the **PCC**, the Commencement Date shall be the date at which the following precedent conditions have all been fulfilled and the Project Manager's instruction recording the agreement of both Parties on such fulfilment and instructing to commence the Works is received by the Contractor:

- (a) signing of the Contract Agreement by both parties upon approval of the relevant authorities;
- (b) possession of the Site given to the Contractor as required for the commencement of the Works; and
- (c) receipt by the Contractor of the Advance Payment under GCC Clause 73 provided that the corresponding Bank Guarantee has been delivered by the Contractor, if any.

39.2 The Contractor shall commence the execution of the Works as soon as is reasonably practicable by the **Start Date** as specified in the GCC Sub Clause **1.1(qq)** subject to compliance of GCC Clause 39 after the Commencement Date, and submission of updated work plan and shall then proceed with the Works with due expedition and without delay.

39.3 The drawings are to be issued by the Project Manager. The Contractor is obliged to perform the construction works in full accordance with the drawings, as an integral part of the Contract.

40. Completion of Works

40.1 The Contractor shall carry out the Works in accordance with the Programme of Works submitted by the Contractor and as updated with the approval of the Project Manager as stated under GCC Clause 41 to complete them in all respects by the Intended Completion Date.

40.2 The Contractor shall carry out all the items listed in the BoQ, unless otherwise instructed by the project management team. Failure in execution of any single item listed in the BoQ without the consent of Project Management, may be deemed as fundamental breach of Contract.

- 41. Program of Works**
- 41.1 Within the time stated in the PCC, the Contractor shall submit to the Project Manager for approval a Programme of Works showing the general methods, arrangements, order, and timing for all the activities in the Works. The programme may be in the form of an Implementation Schedule prepared in any software or other form acceptable to the Project Manager.
- 41.2 The Contractor shall submit to the Project Manager for approval of an updated Programme at intervals no longer than the period stated in the PCC. An update of the Programme shall be a Programme 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.
- 41.3 If the Contractor does not submit an updated Programme of Works at the intervals as stated under GCC Sub Clause 41.2, the Project Manager may withhold an amount as stated in the PCC from the next payment certificate and continue to withhold this amount until the next due payment after the date on which the overdue Programme of Works has been submitted.
- 41.4 The Project Manager's approval of the Programme of Works shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Project Manager again at any time for approval. A revised Programme shall show the effect of Variations and Compensation Events.
- 42. Pro Rata Progress**
- 42.1 The Contractor shall maintain Pro Rata progress of the Works. Progress to be achieved shall be pursuant to GCC Clause 41 and shall be determined in terms of the value of the works done.
- 43. Early Warning**
- 43.1 If at any time during performance of the Contract, the Contractor or its Subcontractors should encounter events, circumstances, conditions that may adversely affect the quality of the work, increase the original Contract Price or delay the execution of the Works, the Contractor shall promptly notify the Project Manager in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Contractor's notice, the Project Manager shall evaluate the situation, and 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.
- 43.2 The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the original Contract Price and Completion Date. The Contractor shall provide the estimate and the Project Manager shall further proceed as soon as reasonably possible.
- 44. Extension of Intended Completion Date**
- 44.1 The Contractor shall be entitled to an extension of the Intended Completion Date, if and to the extent that completion of the Works or any part thereof is or will be delayed by Compensation Events or a Variation.

- 44.2 If the Contractor considers itself to be entitled to an extension of the execution period as stated under GCC Sub Clause 44.1, the Contractor shall give notice, not later than fourteen (14) days after the Contractor became aware or should have become aware of the event or circumstance, to the Project Manager. But, in exceptional cases, the request for extension can be submitted minimum twenty-one (21) days prior to the expiry of the intended completion date.
- 44.3 The Project Manager shall decide whether and by how much to extend the Intended Completion Date within twenty-one (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 extension of Intended Completion Date.
- 44.4 The Project Manager may recommend and PE may extend the Intended Completion Date by thirty (30) percent of the original Contract time as stated under GCC Sub Clause 44.1, if a Compensation Event occurs or Variation Order issued, which does not make it possible to complete the execution of works without incurring additional cost.
- 44.5 In the case an extension of the Intended Completion Date required under GCC Sub Clause 44.3 is or will be more than thirty (30) percent but not beyond one hundred (100) percent of the original Contract time, approval of the Head of the Procuring Entity or an officer authorized by him or her for the same shall be required.
- 44.6 In exceptional cases, where an extension of the Intended Completion Date required under GCC Sub Clause 44.3 is or will be more than one hundred (100) percent of the original Contract time, approval of the Secretary of the concerned ministry or division for the same shall be required.
- 44.7 Except in case of Force Majeure, as provided under GCC Clause 83, a delay by the Contractor in the execution Works shall render the Contractor liable to the imposition of Liquidated Damages pursuant to GCC Clause 71, unless an extension of the Intended Completion Date is agreed upon, pursuant to GCC Clause 44.3.

45. Delays Caused by Authorities

- 45.1 If the following conditions apply, namely:
- (a) the Contractor has diligently followed the procedures laid down by the relevant legally constituted public authorities,
 - (b) these public authorities delay or disrupt the Contractor's work, and
 - (c) the delay or disruption was unforeseeable;
- then this delay or disruption will be considered as a cause of delay under GCC Sub Clause 44.1.

- 45.2 The Project Manager shall notify the Contractor accordingly keeping the Procuring Entity posted.
- 46. Acceleration**
- 46.1 When the Procuring Entity wants the Contractor to finish the Works before the Intended Completion Date, the Project Manager will obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Procuring Entity accepts these proposals, the Intended Completion Date will be advanced accordingly and confirmed by both the Procuring Entity and the Contractor.
- 46.2 If the Procuring Entity accepts the Contractor's priced proposals for acceleration, they will be incorporated in the Contract Price and treated as a **Variation** under GCC Clause 61.
- 47. Delays Ordered by the Project Manager**
- 47.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.
- 48. Suspension of Work**
- 48.1 The Project Manager may at any time instruct the Contractor to suspend progress of part or all of the Works. During such suspension, the Contractor shall protect, store and secure such part or the Works against any deterioration, loss or damage.
- 49. Consequences of Suspension**
- 49.1 If the Contractor suffers delay and/or incurs Cost from complying with the Project Manager's instructions under GCC Clause 48 and/or from resuming the work, the Contractor shall give notice to the Project Manager and shall be entitled subject to GCC Clause 91 to:
- (a) an extension of time for any such delay, if Completion is or will be delayed and
 - (b) payment of any such cost, which shall be included in the Contract Price.
- 49.2 After receiving this notice, the Project Manager shall proceed to agree or determine these matters.
- 49.3 The Contractor shall not be entitled to any extension of time for, or to any payment of the cost incurred in, making good the consequences of the Contractor's faulty design, workmanship or materials, or of the Contractor's failure to protect, store or secure in accordance with GCC Clause 48.

C. Quality Control

- 50. Execution of Works**
- 50.1 The Contractor shall construct, install and carry out the Works in accordance with the Specifications and Drawings as scheduled in GCC Clause 6. The Project Manager should conduct regular inspection & testing to ensure that the Works are being completed by the contractor in conformity with the drawings, Bills of Quantities (BOQ) and technical specifications.
- 51. Examination of Works before covering up**
- 51.1 All works under the Contract shall at all times be open to examination, inspection, measurements, testing and supervision of the Project Manager, and the Contractor shall ensure presence of its representatives at such actions provided proper advance notice is given by the Project Manager.

	51.2	No part of the Works shall be covered up or put out of sight without the approval of the Project Manager. The Contractor shall give notice in writing to the Project Manager whenever any such part of the Works is ready for examination and, the Project Manager shall attend to such examination without unreasonable delay.
	51.3	If the Contractor fails to give a notice to the Project Manager whenever any work is ready for inspection or testing before it is to be covered up, the Contractor shall uncover the work if required by the Project Manager and thereafter reinstate and make good all at the Contractors risk and cost.
52. Identifying Defects	52.1	The Project Manager shall check the works executed by the Contractor and notify the Contractor of any Defects found. Such checking shall not relieve the Contractor from his or her obligations. The Project Manager may also instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect.
53. Testing	53.1	If the Project Manager instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event pursuant to GCC Sub Clause 67.
54. Rejection of Works	54.1	If, as a result of an examination, inspection, measurement or testing, of Works it is found to be defective or otherwise not in accordance with the Contract, the Project Manager may reject the Works by giving notice to the Contractor, with reasons. The Contractor shall then promptly make good the defect and ensure that the rejected Works subsequently complies with the Contract.
55. Remedial Work	55.1	Notwithstanding any test or certification, the Project Manager may instruct the Contractor to: (a) remove from the Site and replace any Plant or Materials which is not in accordance with the Contract, (b) remove and re-execute any other work which is not in accordance with the Contract, and (c) execute any work which is urgently required for the safety of the Works, whether because of an accident, unforeseeable event or otherwise.
	55.2	The Contractor shall comply with the instruction issued under GCC Sub Clause 55.1 within a reasonable time, which shall be specified in the instruction, or immediately if urgency is specified under GCC Sub Clause 55.1(c).
	55.3	If the Contractor fails to comply with the instruction issued under GCC Sub Clause 55.2, the Procuring Entity shall be entitled to employ and pay other persons to carry out the work. Except to the extent that the Contractor would have been entitled to payment for the work, the Contractor shall be liable to pay all such costs arising from this failure.

56. Correction of Defects

- 56.1 The Project Manager shall give notice to the Contractor, with a copy to the Procuring Entity and others concerned, of any Defects before the end of the Defects Liability Period, which begins at Completion Date, and is defined in the PCC. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- 56.2 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.

57. Uncorrected Defects

- 57.1 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 by it, and the Contractor shall remain liable to pay the expenditures incurred on account of correction of such Defect.

D. Cost Control

58. Contract Price

- 58.1 The Contract Price shall be as specified in the Contract Agreement subject to any additions and adjustments thereto, or deductions therefrom, as may be made pursuant to Contract.

59. Bill of Quantities

- 59.1 The Bill of Quantities (BOQ) shall contain priced items for the construction, installation, testing, and commissioning work to be done by the Contractor.
- 59.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item.
- 59.3 Items of works quantified in the BOQ for which no rates have been quoted shall be deemed covered by the amounts at rates of other items in the Contract and, shall under no circumstances be paid for, by the Procuring Entity.

60. Processing of Variations

- 60.1 The Project Manager may issue a **Variation Order** to the Contractor to cover increase or decrease in quantities, including the introduction of new work items (non-Tendered items) that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- 60.2 The Project Manager may issue a **Variation Order** to cover the introduction of such new works necessary for the completion, improvement or protection of the original works which were not included in the original contract, on the grounds where there are subsurface or latent physical conditions at the site differing materially from those indicated in the contract, or where there are duly unknown physical conditions at the site of an unusual nature differing materially from those usually encountered and generally recognized as inherent in the work or character provided for in the Contract.
- 60.3 Upon becoming aware of any circumstance giving rise to a Variation, the Contractor or the Service Provider shall, as soon as reasonably practicable but not after the 7th working day of

awareness, submit a written notice specifying the background of such Variation together with the likely cost implications, to enable the Project Manager to examine and verify the matter. Failure by the Contractor or the Service Provider to submit such notice within the prescribed time shall bar the Contractor or the Service Provider from making any claim in this respect.

- 60.4 Should the Project Manager deem it necessary to issue a Variation Order, he/she shall prepare the proposed order, incorporating the Contractor's or Service Provider's submitted notice, together with the requisite plans, justification of the works or services to be executed, itemized estimates of the additional works or services, records of inspection and investigation dates, logbooks, and the estimated unit rates of each item of such works or services as stated under GCC Clause 62 and shall submit the same to the Procuring Entity for processing its approval.
- 60.5 The Approving Authority that accorded approval of the original contract shall, in accordance with the Government's Delegation of Financial Powers Order, be authorized to approve any Variation Order amounting to ten (10) percent of the original contract price.
- 60.6 The next higher authority to the Approving Authority of the original contract shall, in accordance with the Government's Delegation of Financial Powers Order, be authorized to approve any Variation Order exceeding ten percent (10%) and up to thirty percent (30%) of the original contract price.
- 60.7 In no case, any Variation Order exceeding thirty percent (30%) of the original contract price shall be approved by any authority.
- 60.8 In cases where the competent approving authority for the Variation Proposal is the concerned Ministry or where the recommending authority is the Cabinet Committee on Government Purchase, such Variation Order may, by way of exception to the provisions set forth in GCC Sub Clauses 60.5 and 60.6, be approved by the Head of the Procuring Entity, provided that the revised contract price does not exceed the original contract price and the total value of the proposed non-contractual items (if any) under the Variation does not exceed BDT ten crore (10,00,00,000) or two percent (2%) of the original contract price, whichever is lower.
- 60.9 All Variations under the Contract shall be included in the updated Programme of Works produced by the Contractor.
- 61.10 ~~Increase or decrease in the quantities of any item of work included in the BOQ for the reasons other than those stated under GCC Sub Clause 61.1 and 61.2, in particular for field level actual measurements under this contract (admeasurements), not necessarily however, shall constitute a Variation.~~
- 61.1 If the final proposed quantity of the work for any particular item in the BOQ increases by more than twenty-five (25) percent and, such increase in quantity of that particular item alone concurrently causes the original Contract Price to exceed by

61. Changes in the Quantities and Unit Rate

62. Costing of Variations

- more than one (1) percent, an adjustment of the the unit rate of the item to allow for the change shall be required. The adjusted rate shall be applicable on the varied quantity beyond the original BOQ provision
- 61.2 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the BOQ.
- 61.3 The adjusted rate shall generally be determined jointly by the PM and the Contractor.
- 62.1 Upon becoming aware of any circumstance giving rise to a Variation, the Contractor shall, as soon as reasonably practicable but not after the 7th working day of awareness, submit a written notice specifying the background of such Variation together with the likely cost implications, to enable the Project Manager to examine and verify the matter. Failure by the Contractor to submit such notice within the prescribed time shall bar the Contractor from making any claim in this respect.
- 62.2 If the item of work in the Variation corresponds to an item of work in the BOQ and if, in the opinion of the Project Manager, the increased quantity and cost of the works of that particular item does not concurrently cause to exceed the limit stated in GCC Sub Clause 60.1, the same unit rate in the BOQ shall be used to calculate the cost of the Variation. If the item of work in the Variation does not correspond to an item in the BOQ, the unit rates for the new items of works shall be determined based on (i) the direct unit costs used in the original Contract for other items (e.g. unit cost of cement, steel bar, labor rate, equipment rental, etc.) as indicated in the Contractor's price breakdown of the cost estimate, if available or (ii) fixed prices acceptable to both, the Procuring Entity and the Contractor, based on market prices. The direct cost of the new work items based on (i) or (ii) stated herein shall then be combined with the mark-up factor (i.e. profit, overhead and VAT) used by the Contractor in its Tender to determine the unit rate of the new items of work.
- 62.3 While complying with the provisions of GCC Clause 61 and 62, if the Contractor's quotation (wherever applicable) is found to be 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.
- 62.4 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning under GCC Sub Clause 43.1.
- 62.5 The time for processing a Variation, from its inception to its approval, shall not exceed the timelines specified in Rule 50(21) of the PPR 2025. For the purposes of this provision, the date on which the contractor first serves notice shall be deemed the inception date of the proposed Variation.

**63. Cash Flow
Forecasts**

When the Programme of Works is updated under GCC Sub Clause 41.2, the Contractor shall provide the Project Manager with an updated cash flow forecast.

**64. Certification for
Payment**

- 64.1 The basis for payment certificates shall be BOQ rates used to determine the Contract Price.
- 64.2 The Contractor shall submit to the Project Manager monthly statements of the estimated value of the works executed less the cumulative amount certified previously.
- 64.3 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- 64.4 However, before issuing the payment certificate the Project Manager shall verify if the Contractor is in breach of ES obligations as mentioned in GCC Clauses 26-29 and Sub Clause 37.3 and Section 9: ES specification. In case the Contractor fails to comply with any ES obligations under the Contract, an amount as specified in the **PCC**, due to take remedial actions against that failure as directed by the Project Manager within the specified timeframe, may be withheld until the work or obligation has been performed. If the contractor ultimately fails to comply with the ES Specifications, the withheld amount shall be forfeited as penalty.
- 64.5 The maximum total amount withheld or forfeited due to failure in compliance with ES Specifications as mentioned in GCC Sub Clause 64.4 shall not exceed the amount as specified in the **PCC**.
- 64.6 The value of work executed shall be determined by the Project Manager.
- 64.7 The value of work executed may also include the valuation of Variations or Extra Work Orders, Certified Dayworks and Compensation Events.
- 64.8 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.

**65. Payments to the
Contractor**

- 65.1 Payments shall be adjusted for deductions for advance payments and retention. The Procuring Entity shall pay the Contractor the amounts certified by the Project Manager within twenty-eight (28) days of the date of each certificate after due adjustments for deductions for advance payments, retention and any other additions or deductions which may have become due under the Contract or otherwise, including those under GCC Clause 91.
- 65.2 Payments for Works under Variation Orders or Extra Work Orders satisfactorily accomplished pursuant to GCC Sub Clause 61 may be made only after approval of the same by the Approving Authority or next higher, as appropriate.
- 65.3 Payments due to the Contractor in each certificate shall be made into the Bank Account, in any scheduled Bank of Bangladesh, of the legal title of the Contract specified in the **PCC**, nominated by the Contractor and issue an Interim Payment certificate (IPC).
- 65.4 The PE shall settle the final payment upon certification by the Project Manager and issue the Final Payment Certificate (FPC).

66. Delayed Payment

- 66.1 If the Procuring Entity makes a late payment, the Contractor shall be paid interest on the late payment in the next payment at the rate as specified in the PCC. 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.
- 66.2 If an amount certified is increased in a subsequent certificate 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.

67. Compensation Events

- 67.1 The following shall be Compensation Events:
- (a) The Procuring Entity does not give access to or possession of the Site or part of the Site by the Site Possession Date stated in the GCC Sub Clause 13.1;
 - (b) The Procuring Entity modifies the Schedule of other Contractors in a way that affects the works of the Contractor under the Contract;
 - (c) The Project Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time;
 - (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects;
 - (e) The Project Manager unreasonably does not approve a subcontract to be let, if applicable;
 - (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Notification of Award from the information issued to Tenderers (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site; Other Contractors, public authorities, utilities, or the Procuring Entity do not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor;
 - (g) The advance payment is delayed;
 - (h) The effects on the Contractor of any of the Procuring Entity's Risks;
 - (i) The Project Manager unreasonably delays issuing a Completion Certificate;
 - (j) A situation of Force Majeure has occurred, as defined in GCC Clause 83; and
 - (k) Other Compensation Events described in the Contract or determined by the Project Manager in the PCC shall apply.

67.2 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, only on justifiably acceptable grounds duly recorded.

67.3 As soon as the Contractor has provided information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost, the Project Manager shall assess it, 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 will assume that the Contractor will react competently and promptly to the event.

67.4 The Contractor shall not be entitled to compensation to the extent that the Procuring Entity's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Project Manager.

68. Adjustments for Changes in Legislation

68.1 Unless otherwise specified in the Contract, if between the date twenty-eight (28) days before the submission of Tenders for the Contract and the date of the last Completion Certificate, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Bangladesh (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Completion Date and/or the Contract Price, then such Completion Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Contractor has thereby been affected in the performance of any of its obligations under the Contract.

68.2 In the event that the rate of any direct or indirect tax (including, but not limited to, income tax, VAT, customs duties, etc.) is altered by virtue of any law, regulation, order, or other legal instrument, the Contract Price shall, subject to the approval of the Head of the Procuring Entity, be adjusted (either upward or downward) so as to ensure that the net amount payable to the Economic Operator remains unaffected by such legal changes.

68.3 Prior to take step as per GCC Sub Clause 68.2, the Project Manager shall ensure that such changes have not already been accounted for in the price adjustment as defined in GCC Clause 69 and/or reflected in the Contract Price.

69. Price Adjustment

69.1 Prices shall be adjusted for fluctuations in the cost of inputs only if provided for in the PCC. If so provided, the adjustment will be applicable after twelve (12) months from the commencement of the Contract and the amounts as certified in each payment certificate, before deducting for Advance Payment, shall be

adjusted by applying the respective price adjustment factor to the payment amount. The formulae indicated below applies:

$$P = A + B (Im/Io)$$

where:

P is the adjustment factor

A and **B** are Coefficients specified in the **PCC**, representing the nonadjustable and adjustable portions, respectively, of the Contract; and

Im is the Index during the month the work has been executed and

Io is the Index prevailing twenty-eight (28) days prior to the deadline for submission of Tender.

The Indexes to be used is as published by the Bangladesh Bureau of Statistics (BBS) on a monthly basis. In case not available, then other countries or authorities of the sources mentioned in **Appendix to the Tender** may be used.

70. Retention Money

- 70.1 The Procuring Entity may retain from each progressive payment due to the Contractor at the percentage specified in the **PCC** until completion of the whole of the Works under the Contract.
- 70.2 The total amount retained under GCC Sub Clause 70.1 shall be kept to meet any claims during the Defect Liability Period and shall be returned after the successful expiration of Defects Liability Period and the Project Manager has certified in the form of **Defects Corrections Certificate**.

71. Liquidated Damages

- 71.1 Except as provided under GCC Sub Clause 83, if the Contractor fails to complete the Works within the Intended Completion Date or extended Intended Completion Date of the contract or Intended Sectional Completion Date or extended sectional completion date of any section under the contract, the Procuring Entity shall, as Liquidated Damages, deduct from the Contract Price, a sum at the percent-rate per day of delay as specified in the **PCC**, of the contract value of the uncompleted works or part thereof completed after the Intended Completion Date or extended Intended Completion Date, as applicable. The total amount of Liquidated Damages or Delay Damages shall not exceed the amount specified in the **PCC**. The Procuring Entity may deduct Liquidated Damages from payments due to the Contractor. Payment of Liquidated damages shall not affect the Contractor's liabilities.
- 71.2 If the Intended Completion Date is extended after Liquidated Damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate.

72. Bonus

- 72.1 The Contractor shall be paid a Bonus calculated at the percent-rate per day **if stated in the PCC** for each day (less any days for which the Contractor is paid for acceleration) that the Completion of the whole of the Works is earlier than the Intended Completion Date. The Project Manager shall require certifying that the Works are complete, although they may not have fallen due to being complete as per approved updated Programme of Works.

73. Advance Payment

- 73.1 The Procuring Entity shall make advance payment, if so specified in the PCC, to the Contractor in the amounts and by the dates specified in the PCC against an Irrevocable unconditional Bank Guarantee issued by any scheduled Bank of Bangladesh in the format as specified (Form PW3-12), without alteration, and acceptable to the Procuring Entity of an amount equal to the advance payment. The Guarantee shall remain effective until the advance payment has been amortized, but the amount of the Guarantee shall be progressively reduced by the amounts amortized by the Contractor. Interest will not be charged on the advance payment.
- 73.2 The Contractor shall 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 for such specific purposes by supplying copies of invoices or other documents to the Project Manager.
- 73.3 The advance payment shall be amortized by deducting at proportionate rate from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works as specified in the PCC. No account shall be taken of the advance payment or its amortization in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.
- 73.4 If the amortization of advance payment has not been completed by twenty-eight (28) days prior to the expiry date of the Guarantee stated under GCC Sub Clause 73.1, the Contractor shall correspondingly extend the validity of the Guarantee for a period so long the advance payment is fully amortized. The Bank Guarantee for advance payment shall be released when the same has been fully amortized.

74. Performance Security

- 74.1 The Contractor shall ensure that the Performance Security remains valid and enforceable until the issue of the Completion Certificate. If the terms of the Performance Security specify an expiry date, and the Contractor has not become entitled to receive the Performance Security by the date 28 days before the expiry date, the Contractor shall extend the validity of the Performance Security until the contractor is entitled to receive the Performance Security.
- 74.2 Whenever Variations and/or adjustments under GCC Clauses 60, 61 and 62 result in an accumulative increase or decrease of the Contract Price by more than twenty percent (20%) of the Accepted Contract Amount:
- (a) in the case of such an increase, at the Employer's request the Contractor shall promptly increase the amount of the Performance Security by a percentage equal to the accumulative increase. or

- (b) in the case of such a decrease, subject to the Employer's prior consent the Contractor may decrease the amount of the Performance Security by a percentage equal to the accumulative decrease.

74.3 The Procuring Entity shall notify the Contractor of any claim made against the Bank issuing the Performance Security.

74.4 The Procuring Entity may claim against the security if any of the following events occurs for fourteen (14) days or more.

- (a) The Contractor is in breach of the Contract and the Procuring Entity has duly notified him or her; and
- (b) The Contractor has not paid an amount due to the Procuring Entity and the Procuring Entity has duly notified him or her.
- (c) failure by the Contractor to extend the validity of the Performance Security.

74.5 In the event as stated under GCC Sub Clause 74.4, the Contractor is liable to pay compensation under the Contract amounting to the full value of the security or more, the Procuring Entity may call the full amount of the security.

74.6 The proceeds of the Performance Security shall be payable to the Procuring Entity unconditionally upon first written demand as compensation for Contractor's failure to complete its obligations under the Contract.

74.7 If there is no reason to call the security, the Performance Security furnished at the time of signing of the Contract Agreement shall be discharged, after the issuance of certificate of Completion of Works.

74.8 If there is no reason to call the security, the security shall be discharged by the Procuring Entity and returned to the Contractor after the Defects Liability period has passed and the Project Manager has certified in the form of Defects Corrections Certificates and the Procuring Entity shall not make any claim under the security, except for amounts to which the Procuring Entity is entitled under this Contract.

75. Provisional Sums

75.1 Provisional Sums shall only be used, in whole or in part, in accordance with the Project Manager's instructions.

75.2 Plants, Materials or Services to be purchased by the Contractor under the provisions of GCC Sub Clause 75.1 from Nominated Subcontractor(s) or for meeting the other expenditures under the Contract, and for which there shall be included in the Contract price, the actual amounts paid or due to be paid by the Contractor, and a sum for profit, overhead and VAT, as applicable, calculated as a percentage of these actual amounts by applying the relevant percentage rate as specified in the PCC.

76. Dayworks

76.1 If applicable, the Dayworks rates in the Contractor's Tender shall be used for small additional amounts of work only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.

- 76.2 All works to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be certified and signed by the Project Manager within seven (7) days of the works being done.
- 76.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.
- 77. Cost of Repairs to Loss or Damages**
- 77.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Liability Period shall be remedied by the Contractor at the Contractor's own cost, if the loss or damage arises from the Contractor's acts or omissions.

E. Completion of the Contract

- 78. Completion**
- 78.1 The Contractor shall apply by notice including statements of work at completion to the Procuring Entity for issuing a Completion Certificate of the Works, and the Procuring Entity shall do so upon recommendation by the Project Manager that the Work is completed.
- 79. Taking Over & Issuance of Completion Certificate**
- 79.1 The Procuring Entity shall take over the Site and the Works within seven (7) days of the Project Manager's recommendation of work completion. Then the Procuring Entity shall issue the work completion certificate as per prescribed format PW3-F.
- 80. Amendment to Contract**
- 80.1 The amendment to Contract shall generally include extension of time to the Intended Completion Date, increase or decrease in original Contract Price and any other changes acceptable under the conditions of the Contract.
- 80.2 The Procuring Entity shall amend the Contract, incorporating the changes approved, in accordance with the Delegation of Financial Power or Sub-delegation thereof and, introduced to the original terms and conditions of the Contract
- 81. Final Account**
- 81.1 The Contractor shall submit with a detailed account of the total amount that the Contractor considers payable under the Contract to the Project Manager before the end of the **Defects Liability Period** and after the issuance of defect correction certificate, if any.
- 81.2 The Project Manager shall certify the **Final Payment** within fifty-six (56) days of receiving the Contractor's account if the payable amount claimed by the Contractor is correct and the corresponding works are completed.
- 81.3 If it is not, the Project Manager shall issue within fifty-six (56) days a **Defects Liability Schedule** that states the scope of the corrections or additions that are necessary.

- 81.4 If the **Final Account of Works** submitted under GCC Sub Clause 81.1 is unsatisfactory even after it has been resubmitted, the Project Manager shall decide on the amount payable to the Contractor and issue a payment certificate.
- 82. As-built Drawings and Manuals**
- 82.1 If "As Built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the **PCC**.
- 82.3 If the Contractor does not supply the Drawings and/or Manuals by the dates specified in GCC Sub Clause 82.1, or they do not receive the Project Manager's approval, the Project Manager shall withhold a nominal amount specified in the **PCC** from payments due to the Contractor.
- 83. Force Majeure**
- 83.1 Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind stated below;
- (a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies;
 - (b) rebellion, terrorism, sabotage by persons other than the Contractor's personnel, revolution, insurrection, military or usurped power, or civil war;
 - (c) riot, commotion, disorder, strike or lockout by persons other than the Contractor's personnel;
 - (d) munitions of war, explosive materials, ionising radiation or contamination by radio-activity, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity; and
 - (e) natural catastrophes such as fires, floods, epidemics, quarantine restrictions, freight embargoes, cyclone, hurricane, typhoon, tsunami, storm surge, earthquake, hill slides, landslides, and volcanic activities.
- 83.2 The Head of Procuring Entity decides the existence of a Force Majeure that will be the basis of the issuance of order for suspension of Works as stated under GCC Sub Clause 48.1.
- 84. Notice of Force Majeure**
- 84.1 If a Party is or will be prevented from performing its substantial obligations under the Contract by Force Majeure, then it shall give notice, within fourteen (14) days after the party became aware, to the other Party of the event or circumstances constituting the Force Majeure and shall specify the obligations, the performance of which is or will be prevented.
- 84.2 Notwithstanding any other provision of this Clause, Force Majeure shall not apply to obligations of either Party to make payments to the other Party under the Contract.

85. Consequences of Force Majeure

- 85.1 The Contractor shall not be liable for forfeiture of its security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 85.2 If the Contractor is prevented from performing its substantial obligations under the Contract by Force Majeure of which notice has been given under GCC Sub Clause 84, and suffers delay and/or incurs cost by reason of such Force Majeure, the Contractor shall be entitled subject to GCC Sub Clause 95 to:
- (a) an extension of time for any such delay, if completion is or will be delayed, under GCC Clause 44, and
 - (b) if the event or circumstance is of the kind described sub-paragraphs (a) to (e) of GCC Sub Clause 83.1 occurs in the country, payment of any such cost, including the costs of rectifying or replacing the Works damaged or destroyed by Force Majeure, to the extent they are not indemnified through the insurance policy referred to in GCC Clause 36.
- 85.3 After receiving notice under GCC Sub Clause 84.1, the Project Manager shall proceed to determine these matters under the provisions of the Contract.

86. Release from Performance

- 86.1 Notwithstanding any other provision of this Clause, if any event or circumstance outside the control of the parties (including, but not limited to, Force Majeure) arises which makes it impossible or unlawful for either or both Parties to fulfil its or their contractual obligations or which, under the law governing the Contract, entitles the Parties to be released from further performance of the Contract, then upon notice by either Party to the other party of such event or circumstance:
- (a) the Parties shall be discharged from further performance, without prejudice to the rights of either Party in respect of any previous breach of the Contract, and
 - (b) the sum payable by the Procuring Entity to the Contractor shall be the same as would have been payable under GCC Sub Clause 92.3 if the Contract had been terminated under GCC Sub Clause 90.2.

F. Termination and Settlement of Disputes

87. Notice to Correct

- 87.1 If the Contractor fails to carry out any obligation under the Contract the Project Manager may, by giving a Notice to the Contractor, require the Contractor to make good the failure and to remedy it within a specified time ('Notice to Correct' in these Conditions).

The Notice to Correct shall:

- (a) describe the Contractor's failure to comply with any contractual obligations;

(b) state the Sub-Clause and/or provisions of the Contract under which the Contractor has the obligation; and

(c) specify the time within which the Contractor shall remedy the failure, which shall be reasonable, taking due regard of the nature of the failure and the work and/or other action required to remedy it.

87.2 After receiving a Notice to correct the Contractor shall immediately respond but not later than 5 (five) days by giving a reply to the Project Manager describing the measures the Contractor will take to remedy the failure, and stating the date on which such measures will be commenced in order to comply with the time specified in the notice to correct. The time specified in the notice to correct shall not imply any extension of the Time for Completion.

88. Termination for Default

88.1 The Procuring Entity or the Contractor, without prejudice to any other remedy for breach of Contract, by giving fourteen (14) working-days written Notice of Termination mentioning the clause of breach to the other party, may terminate the Contract in whole or in part if the other party causes a fundamental breach of Contract. Fundamental breaches of the Contract shall include, but shall not be limited to, the following:

- i. the Contractor stops work for twenty-eight (28) days when no stoppage of work is shown on the current Programme or the Contractor stops works repeatedly without any valid ground and the stoppage has not been authorized by the Project Manager;
- ii. the Contractor fails to commence the work within the Start date;
- iii. the Contractor does not maintain a Security, which is required;
- iv. the Contractor fails to comply with instructions of the Notice to Correct as specified in GCC Sub Clause 87;
- v. the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within eighty-four (84) days;
- vi. the Procuring Entity fails to handover the full works-site or a substantial portion of the works-site to the Contractor within eighty-four (84) days of contract signing;
- vii. 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;

- viii. 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 specified in GCC Sub Clause 71;
- ix. the Contractor has subcontracted the Works exceeding the percentage as mentioned in GCC Sub Clause 20.1 or any subcontractor has been engaged during contract implementation without the prior approval of the Head of Procuring Entity or Authorized Officer as specified in GCC Sub Clause 20.2.
- x. the Contractor, in the judgment of the Procuring Entity has engaged in corrupt or fraudulent or collusive or coercive or obstructive practices, in case development partner, as defined in GCC Sub Clause 38, in competing for or in executing the Contract.
- xi. A payment certified by the Project Manager is not paid by the Procuring Entity to the Contractor within eighty-four (84) days of the date of the Project Manager's certificate.

89. Procedure for Termination for Default:

- 89.1 If any of the events pointed out under GCC Sub Clause 88.1 or any such event that is not listed in that clause but can be deemed as a fundamental breach of a contract happens, the affected party shall notify (first notice- Notice of Default) the defaulted party of such event and its intention to terminate the contract making reference(s) to the relevant GCC Clauses and ask the defaulted party the reason why the affected party will not terminate the contract with a 21-day timeline from the issuance of the first notice to provide any clarification.
- 89.2 If the affected party receives a reasonable clarification on the breaching event from the defaulted party or the defaulted party attempts and accomplishes any remedial action to mitigate the breach event, the affected party may affirm the contract without limiting its right to terminate the contract for any other fundamental breach by the defaulted party.
- 89.3 If the affected party does not receive any response or receive an unacceptable clarification on the breach event, it may terminate the contract mentioning an immediate effective date through a final notice.
- 89.4 In case of the contractor being the defaulted party, the final notice will be issued by the Procuring Entity getting approval from the Head of the Procuring Entity and the contractor shall not perform any activity in the Site after having the final notice.
- 89.5 The Head of the Procuring Entity may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the Head of the Procuring Entity.

**90. Procedure for
Termination for other
causes**

90.1 Termination for Insolvency

The Procuring Entity and the Contractor may at any time terminate the Contract by giving twenty-one (21) days written notice to the other party if either of the party becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to any party, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the other party.

90.2 Termination for Convenience

- a) The Procuring Entity, by giving twenty-one (21) days written notice sent to the Contractor, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Entity's convenience, the extent to which performance of the Contractor under the Contract is terminated, and the date upon which such termination becomes effective.
- b) The Procuring Entity shall not terminate the contract under GCC Sub Clause 90.2 (a) in order to execute the Works itself or to arrange for the Works to be executed by another contractor or to avoid a termination of the Contract by the Contractor as stated under GCC Sub Clause 88.1.

90.3 Termination for Force Majeure/ Frustration

- a) If a Party is or will be prevented from performing its substantial obligations under the Contract by Force Majeure, then it shall give notice to the other Party of the event or circumstances constituting the Force Majeure and shall specify the obligations, the performance of which is or will be prevented. The notice shall be given within 14 days after the Party became aware, or should have become aware, of the relevant event or circumstance constituting Force Majeure.
- b) The Party shall, having given notice, be excused performance of its obligations for so long as such Force Majeure prevents it from performing them. Notwithstanding any other provision of this Clause, Force Majeure shall not apply to obligations of either Party to make payments to the other Party under the Contract.

91. Events following Termination by Procuring Entity

91.1 In the event the Procuring Entity terminates the Contract in whole or in part, the Procuring Entity shall accept the portion of the Works that are complete and ready for handing over after the Contractor's receipt of notice of termination of the Contract. For the remaining portion of the Works, the Procuring Entity may elect:

- a) to have any portion completed by the Contractor at the Contract terms and prices; and /or
- b) to cancel the remainder and pay to the Contractor an agreed amount for partially completed Works and for materials and parts previously procured by the Contractor, or
- c) except in the case of termination for convenience as stated under GCC Sub Clause 90.2, engage another Contractor to complete the Works, and in that case the Contractor shall be liable to the Procuring Entity for any amount as specified in GCC Sub Clause 92.1.

91.2 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as is reasonably possible.

91.3 The expiration of the Intended Completion Date under GCC Clause 44 and, the initiation of settlement of disputes like amicable or adjudication and arbitration under GCC Clause 95 shall not be deemed a termination of the Contract under GCC Clause 88.

92. Payment upon Termination

92.1 If the Contract is terminated because of a fundamental breach of Contract under GCC Sub Clause 88.1 by the Contractor, the Project Manager shall issue a certificate for the value of the Works done and Plant and Materials ordered less advance payments received up to the date of the issue of the certificate and, further deduct the amount of compensation for the works not completed, as indicated in the PCC. This amount can be realised from the payable amount to be received by the contractor, if any or from Performance Security. If the total amount due to the Procuring Entity exceeds any payment due to the Contractor, the difference shall be a debt payable to the Procuring Entity which may be realised from other contractual dues to the Contractor.

92.2 If the Contract is terminated for the Procuring Entity's convenience or because of a fundamental breach of Contract by the Procuring Entity, the Project Manager shall issue a payment certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's foreign personnel employed solely on the Works and recruited specifically for 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.

92.3 If the Contract is terminated for reasons of Force Majeure, the Project Manager shall determine the value of the work done and issue a Payment Certificate which shall include:

- (a) the amounts payable for any work carried out for which unit rates or prices are stated in the Contract;
- (b) the cost of Plant and Materials ordered for the Works which have been delivered to the Contractor, or of which the Contractor is liable to accept delivery: this Plant and Materials shall become the property of (and be at the risk of) the Procuring Entity when paid for by the Procuring Entity, and the Contractor shall place the same at the Procuring Entity's disposal;
- (c) other costs or liabilities which in the circumstances were reasonably and necessarily incurred by the Contractor in the expectation of completing the Works;
- (d) the cost of removal of Temporary Works and Contractor's Equipment from the Site; and
- (e) the cost of repatriation of the Contractor's staff and labour employed wholly in connection with the Works at the date of termination.

92.4 If the Contract is terminated for reasons of Insolvency, the Project Manager shall determine the value of the work done and issue a Payment Certificate which shall include:

- (a) the amounts payable for any work carried out for which unit rates or prices are stated in the Contract;
- (b) the cost of Plant and Materials ordered for the Works which have been delivered to the Contractor, or of which the Contractor is liable to accept delivery: this Plant and Materials shall become the property of (and be at the risk of) the Procuring Entity when paid for by the Procuring Entity, and the Contractor shall place the same at the Procuring Entity's disposal;

92.5 Before issuing the payment certificate under the GCC Sub-clauses 92.1, 92.2, 92.3 and 92.4, the procuring entity shall jointly measure the quantity and value of works with the contractor or its authorized representative by giving a notice of at least 7(seven) days prior to the joint measurement. If the contractor fails to attend the joint measurement, the Project Manager and its representatives shall finalize the quantity and value of materials, plant, equipment and works done and the amount shall be binding for all the parties.

93. Property

93.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Procuring Entity if the Contract is terminated because of the Contractor's default stated under GCC Sub Clause 88.1.

G. Claims, Disputes and Arbitration

94. Contractor's Claims

- 94.1 If the Contractor considers himself to be entitled to any extension of the Completion Time and/or any additional payment, under any Clause of these Conditions or otherwise in connection with the Contract, the Contractor shall give notice to the Procuring Entity, describing the event or circumstance giving rise to the claim. The notice shall be given as soon as practicable, and not later than twenty-eight (28) days after the Contractor became aware, or should have become aware, of the event or circumstance.
- 94.2 If the Contractor fails to give notice of a claim within such period of twenty-eight (28) days, the Intended Completion Date shall not be extended, the Contractor shall not be entitled to additional payment, and the Procuring Entity shall be discharged from all liability in connection with the claim.
- 94.3 Within forty two (42) days after the Contractor became aware or should have become aware of the event or circumstance giving rise to the claim, or within such other period as may be proposed by the Contractor and approved by the Project Manager, the Contractor shall send to the Project Manager a fully detailed claim which includes full supporting particulars of the basis of the claim and of the extension of time and/or additional payment claimed, for settlement.

95. Settlement of Disputes

95.1 Amicable settlement

The procuring Entity and the Contractor shall use their best efforts to settle amicably all possible disputes arising out of or in connection with this Contract or its interpretation.

95.2 Adjudication

- (a) 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 fourteen (14) days of notification of the Project Manager's decision in writing.
- (b) The Adjudicator named in the PCC is jointly appointed by the parties. In case of disagreement between the parties, the Appointing Authority designated in the PCC shall appoint the Adjudicator within fourteen (14) days of receipt of a request from either party.
- (c) The Adjudicator shall give its decision in writing to both parties within twenty-eight (28) days of a dispute being referred to it.
- (d) The Contractor shall make all payments (fees and reimbursable expenses) to the Adjudicator, and the Procuring Entity shall reimburse half of these fees through the regular progress payments.

- (c) Should If the Adjudicator resign or die, or should if the Procuring Entity and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract; a new Adjudicator will be jointly appointed by the Procuring Entity and the Contractor. In case of disagreement between the Procuring Entity and the Contractor the Adjudicator shall be designated by the Appointing Authority within fourteen (14) days of receipt of a request from either party as stated under GCC Sub Clause 95.2 (b)

95.3 Arbitration

- (a) If the parties are unable to reach a settlement as per GCC Clauses 95.1 and 95.2 within twenty-eight (28) days from the date of decision made by the Adjudicator as per GCC Sub Clause 95.2(c), either party may give notice to the other party of its intention to commence arbitration in accordance with GCC Sub Clause 95.3(b).
- (b) The arbitration shall be conducted in accordance with the Arbitration Act (**Act No 1 of 2001**) of Bangladesh as at present in force and in the place shown in the PCC.

Section 4. Particular Conditions of Contract (PCC)

Instructions for completing the Particular Conditions of Contract are provided in italics in parenthesis for the relevant GCC Clauses.	
GCC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
GCC 1.1(l)	The Contractor is <i>[Name, address, and name of authorized representative]</i>
GCC 1.1(aa)	The Intended Completion Date for the whole of the Works shall be end date of Contract Period. Contract period is 18 (Eighteen) Months from the date of Commencement Date of works.
GCC 1.1 (dd)	The original Contract Price is as specified in the contract agreement.
GCC 1.1(hh)	The Procuring Entity is Project Director (Dhaka Power System Expansion and Strengthening Project in DESCO Area), Dhaka Electricity Supply PLC (DESCO)
GCC 1.1(ii)	The Engineer-in-Charge will be Project Director (Dhaka Power System Expansion and Strengthening Project in DESCO Area), Dhaka Electricity Supply PLC (DESCO)
GCC 1.1(nn)	The Site is located at ➤ Lot - A: North Zone of DESCO ➤ Lot - B: South Zone of DESCO ➤ Lot - C: Central Zone of DESCO
GCC 1.1(qq)	The Start Date shall be <i>as mentioned in GCC clause 39.1</i>
GCC 1.1(uu)	The Works consist of as mentioned in 1. Section 6: Bill of Quantities (BOQ); 2. Section 7: General Specifications; 3. Section 8: Particular Specifications; 4. Section 10: Drawings
GCC 2.5	Sectional Completion Dates are: Not applicable
GCC 3.1	The Procuring Entity's address for the purpose of communications under this contract is : Contact person: Project Director (Dhaka Power System Expansion and Strengthening Project in DESCO Area) Address: House # 4 (2nd floor), Road # 1/A, Nikunja – 2, Khilkhet, Dhaka-1229. Tel: +8801713443020 Fax: 0088 02 8900100 e-mail address: dpseps@desco.gov.bd

	The Contractor's address for the purpose of communications under this contract is : Contact person: Address: Tel: Fax: e-mail address:																
GCC 6.1 (k)	Other documents forming part of the Contract are: None																
GCC 9.1	The Contractor or the Subcontractor that is a national of, or registered in, the following countries are not eligible: Countries Prohibited by Government of Bangladesh																
GCC 9.2	Materials, Equipment Plants and supplies shall not have their origin in the following countries: Countries Prohibited by Government of Bangladesh																
GCC 13.1	Possession of the Site or part(s) of the Site, to the Contractor shall be given on the following date(s): As per the Decision of Project Director/Engineer-in-charge;																
GCC 19.1	Following Key Personnel to carry out the functions stated in the Schedule shall be employed by the Contractor: as mentioned in ITT Clause 15.1																
GCC 20.4	Nominated Subcontractor(s) named below: Not Applicable.																
GCC 22.1	The Contractual matters between the Procuring Entity and the Contractor shall be decided by Project Director/Engineer-in-charge.																
GCC 26.1(c)	The contractor shall prepare and regularly update an ES risk management plan in accordance with the requirements of the Section 9: ES Specifications and shall incorporate the items(s) specified as "Required" from the following table: <table border="1"> <thead> <tr> <th>Items of ES risk management plan</th><th>Requirement</th></tr> </thead> <tbody> <tr> <td>i. Occupational Health and Safety (OHS) plan</td><td>Required</td></tr> <tr> <td>ii. Construction material and equipment storage plan</td><td>Required</td></tr> <tr> <td>iii. Air, water and noise pollution prevention plan and resource efficiency measures</td><td>Required</td></tr> <tr> <td>iv. Community Health and Safety (CHS) plan</td><td>Required</td></tr> <tr> <td>v. Traffic Management Plan</td><td>Required</td></tr> <tr> <td>vi. Natural Habitat Protection</td><td>Required</td></tr> <tr> <td>vii. Emergency Response Plan</td><td>Required</td></tr> </tbody> </table> The period between ES risk management plan updates is <i>[bi-annually]</i>	Items of ES risk management plan	Requirement	i. Occupational Health and Safety (OHS) plan	Required	ii. Construction material and equipment storage plan	Required	iii. Air, water and noise pollution prevention plan and resource efficiency measures	Required	iv. Community Health and Safety (CHS) plan	Required	v. Traffic Management Plan	Required	vi. Natural Habitat Protection	Required	vii. Emergency Response Plan	Required
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GCC 36.1	The insurance cover shall be: <table border="1"> <tbody> <tr> <td>(a)</td><td>The minimum cover for the Works and of Plant and Materials is Tk. [110% of the value of the Works, Plants and Materials].</td></tr> <tr> <td>(b)</td><td>The maximum deductible for insurance of the Works and of Plant and Materials is [05% of the Contract Price].</td></tr> </tbody> </table>	(a)	The minimum cover for the Works and of Plant and Materials is Tk. [110% of the value of the Works, Plants and Materials].	(b)	The maximum deductible for insurance of the Works and of Plant and Materials is [05% of the Contract Price].												
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	(c)	The minimum cover for loss or damage to Equipment is Tk. [110% of the replacement value of the Equipment].
	(d)	The maximum deductible for insurance of Equipment is Tk. [shall be stated by the Contractor at the time of Contract Signing.]
	(e)	The minimum cover for other property is Tk. [10% of the contract price].
	(f)	The maximum deductible for insurance of other property is Tk. [shall be stated by the Contractor at the time of Contract Signing.]
	(g)	The minimum cover for personal injury or death: (i) For the Contractor's personnel approved by the Employer is: BDT 3,00,000.00 (Three lac taka) only per person. (ii) and for third parties is as per the law and common practice in Bangladesh.
GCC 39.1		The Commencement Date or Contract effective date shall mean the latest of the following events: a) Signing of the Contract Agreement by both parties upon the approval of the relevant authorities. b) Shall be the date of receipt of the first Job Order issued by the Project Director/authorized person. c) Approval of Manpower and necessary Tools and Equipments
GCC 41.1		The Contractor shall submit a Programme for the Works as per the instruction of Project Director/Engineer-in-charge.
GCC 41.2		The period between Programme updates shall be bi-monthly.
GCC 41.3		The amount to be withheld for late submission of an updated Programme is Tk. 25,000 (taka twenty-five thousand) only.
GCC 56.1		The Defects Liability Period is 12 (twelve) months from the date of successful completion of Contract. The Contractor shall repair the defective works within the defect's liability period. In such case, the defects liability period shall be upto the remaining duration of the defect liability period.
GCC 61.1		The Contract is <u>not</u> subject to unit rate adjustment. The variation order or approval would not be required if the total Contract Price remains unchanged due to increase or decrease in the quantity per item of BOQ.
GCC 64.4		The amount of payment withheld of forfeited amount due to failure in compliance with any obligations under ES Specifications or reporting arrangement shall be 0.2 (zero point two) percent of the contract amount
GCC 64.5		The maximum total amount of payment withheld of forfeited due to failure(s) in compliance with ES Specifications is 02 [two] percent of the final Contract Price of the whole of the Works.

GCC 65.3

The particulars of the Bank Account nominated are as follows:

Title of the Account : *{insert title to whom the Contract awarded}*

Name of the Bank : *{insert name with code, if any}*

Name of the Branch : *{insert branch name with code, if any}*

Account Number : *{insert number}*

Address : *{insert location with district}*

Tel : _____

Fax : _____

e-mail address : _____

{information furnished by the Contractor shall be substantiated by the concerned Bank and authenticated by the Procuring Entity}

i. All payments shall be made in Bangladeshi Taka.

ii. Payments shall be made upon certification by the Project Director/Engineer-in-charge on the basis of item rates in the BOQ. It is to be noted that other than item of BOQ is deemed to included.

iii. To claim each running bill, the contractor shall complete the close-out of related partially completed works. Payments against completed works/job shall be made as follows:

a. Joint Inspection Report (by nominated representative of Project Director/Engineer-in-charge & nominated representative of Contractor).

b. As-Built Drawing with Material List.

c. The close-out report of respective completed works/job and the recovery materials returned to DESCO's store (s) documents shall be submitted.

d. BOQ, Site Book & certified measurement sheet (where applicable) of respective completed works/job.

e. A statement of all previous bills including amount of bill paid, current amount of bill as claimed for the running bill and remaining amount of contract value.

f. The contractor shall provide the Project Director/Engineer-in-charge with all necessary information for geographic information system (GIS) mapping of each completed job. The Project Director/Engineer-in-charge shall ensure that GIS mapping of all the corresponding jobs have been completed before processing any bill due for payment.

g. The Contractors shall be provided the updated insurance documents in accordance with GCC 36.1 with each running bill.

h. The Contractors shall be provided furnished energization and handover SOP form (SF-D&P-E21 & SF-D&P-E22) of DESCO.

i. A report on work progress status and close-out document of partially/completed works upto the current date with physical and financial status shall also accompany with the bill.

iv. Payments may be made against partial progress of works as accepted and certified by the Project Director in the form of running bill. Any running bill shall however be **not less than 10% (Ten percent) of the total contract value**. During each running bill the retention money (Specified in GCC-70.1) shall be deducted.

v. The payment shall be adjusted for retention, if required.

vii. The Employer shall pay the Contractor the amounts certified by the Project Director within twenty-eight (28) days of the date of submission of each bill. There shall however be no interest payable for late payment, if any.

viii. Payments shall be made through the office of Project Director (DPSESP), DESCO.

GCC 66.1	The rate of interest shall be the prevailing rate of interest for commercial borrowing established in the country: None
GCC 67.1(k)	The following additional events shall also be the Compensation Events: None
GCC 69.1	The Contract is not subject to price adjustment.
GCC 70.1	The proportion of payments retained against each running bill is 5% (five percent) . On completion of the total scope of the Works, the total amount retained shall be repaid/released to the Contractor after the Defects Liability Period has passed and upon the certification of the Project Director or designated representative of DESCO.
GCC 71.1	The amount of Liquidated Damages shall be 0.05% (one Twentieth of one percent) of the contract value per day of delay.
GCC 71.1	The maximum amount of Liquidated Damages for the uncompleted Works or any part there of shall be 10% (ten percent) percent of the final Contract Price of the whole of the Works.
GCC 72.1	The Bonus for the whole of the Works is: Not Applicable
	The maximum amount of Bonus for the whole of the Works is: Not Applicable
GCC 73.1	Advance Payment is not applicable for this contract.
GCC 73.3	Advance Payment shall be amortized at the rate of [Not Applicable] from the progressive payments of invoices.
GCC 75.2	The percentage for adjustment of Provisional Sums is: Not Applicable
GCC 78.1	The Completion Certificate shall be issued after 03 (three) months from the date of completion of Contract, subject to submission of close-out document and acceptance of the same by the Employer.
GCC 79.1	The Employer shall take over the Site and the Works within 35 (thirty-five) days of the completion of respective job/works by contractor or as per DESCO's SOP declaration.
GCC 82.1	As-Built drawings, where applicable, shall be supplied by the Contractor along with the measurement sheet. The as-built drawings shall be supplied by the Contractor to the Project Director/Engineer-in-charge within 14 (fourteen) days of the completion of each job. The date by which operating and maintenance manuals are required is as per the requirement of Project Director/Engineer-in-charge. As-built drawing will be made by using modern "GIS Mapping incorporating with existing GIS system of DESCO" and should be duly submitted by the contractor. N.B: As-built Drawings means a set of drawings submitted by a contractor upon completion of a project or a particular job in geographical map with GPS location

	showing roads, rail line, mosque, temple or prominent places for identification. They reflect all changes made in the specifications and working drawings during the execution process, and show the exact dimensions, geometry, and location of all elements of the work or a particular job completed under the contract. Also, for Lot-C (Only Purbachal Area), As-built Drawings shall be sector wise RAJUK map and whole area map indicating existing network & new constructed line submitted by a contractor as per instruction of Project Director or it's representative.
GCC 82.2	Until the Contractor submits the as-built drawings required by the Engineer-in-Charge, the Employer may withhold: 2% of the Contract value.
GCC 92.1	The percentage to apply to the contract value of the works not completed, representing the Procuring Entity's additional cost for completing the uncompleted Works is 20% (Twenty percent) of the revised official estimated cost of the uncompleted works.
GCC 95.2 (b)	The Adjudicator jointly appointed by the parties is: Name: Address: Tel No: e-mail address:
GCC 95.2(b)	In case of disagreement between the parties, the Appointing Authority for the Adjudicator is the President of the Institution of Engineers, Bangladesh (IEB).
GCC 95.3 (b)	The arbitration shall be conducted in the place mentioned below: Dhaka

Appendix to the Tender

[In Tables below, the Procuring Entity shall indicate the source and base values with dates of Indexes, unless otherwise instructed to be quoted by the Tenderers, for the different Cost Components and mention its Weightings or Coefficients]

Table 1.1: Price Adjustment Data

(Not Applicable)

[ITT Sub Clause 26.9: To be provided by the Procuring Entity]

Index Descriptions	Base Value	Sources of Index

Note:

1. The sources of Indexes and its values with dates shall be Bangladesh Bureau of Statistics (BBS) or any other Government sources unless otherwise mentioned by the Procuring Entity.
2. The Base Value of the Indexes shall be those prevailing twenty-eight (28) days prior to the deadline for submission of the Tenders.

Table 1.2: Price Adjustment Data

(Not Applicable)

[GCC Clause 69: To be provided by the Procuring Entity]

Item Group	Bill No. if applicable	Index Descriptions	Coefficients or Weightings for non-adjustable Cost Component	Coefficients or Weightings for adjustable Cost Components											Total
				a	b	c	d	e	f	g	h	i	j	k	
															1
															1
															1
															1
															1
															1

Note:

The Weightings or Coefficients of the Cost Components shall be mentioned by the Procuring Entity based on the proportion of components involved in the work items caused to be impacted by rise and fall in its prices.

Section 5. Tender and Contract Forms

Form	Title
Tender Forms	
PW3-1	Tender Submission Letter
PW3-1A	Letter of Authorization
PW3-2	Tenderer Information
PW3-3	JV Partner Information (<i>if applicable</i>)
PW3-4	Subcontractor Information (<i>if applicable</i>)
PW3-5	Personnel Information
PW3-6	Tenderer's Capacity Information
PW3-7	Bank Guarantee for Tender Security (<i>when this option is chosen</i>)
PW3-8	Bank's Letter of Commitment for Line of Credit (<i>when this option is chosen</i>)
Contract Forms	
PW3-9	Notification of Award
PW3-10	Contract Agreement
PW3-11	Bank Guarantee for Performance Security (<i>when this option is chosen</i>)
PW3-12	Bank Guarantee for Advance Payment (<i>if applicable</i>)
PW3-13	<i>Contract Amendment</i>

Forms PW3-1 to PW3-8 are the contents of the Tender Forms and should be completed as stated in ITT Clauses 23.

Forms PW3-9 to PW3-13 are the contents of the Contract Forms as stated in GCC Clause 6.

Tender Submission Letter (Form PW3-1)

(This format shall be completed and signed by the Tenderer or his/her Authorised Signatory, without alterations, on the Letter-head pad of the Tenderer)

To: <i>[Contact Person]</i> <i>[Name of the Procuring Entity]</i> <i>[Address of the Procuring Entity]</i>	Date:
Invitation for Tender No:	<i>ITT No.</i>
Tender Package No:	<i>Package No.</i>
Lot No: <i>(when applicable)</i>	<i>Lot No.</i>

We, the undersigned, tender to execute in conformity with the Tender Document, the following Works and physical services, viz:

In accordance with ITT Clause 26 and 27, the following price applies to our Tender:

The Tender price is: (ITT Sub Clause 26.4 and 27.1)	Tk. _____ <i>[in figures]</i> Taka _____ <i>[in words]</i>
The advance payment (when applicable) is: <i>[insert the amount based on percentage of the Tender Price]</i> (GCC Sub Clause 73.1)	Taka _____ <i>[in words]</i> Taka _____ <i>[in words]</i>

and we shall accordingly submit an Advance Payment Guarantee in the format shown in Form PW3-11.

In accordance with ITT Sub Clauses 26.6, the following discounts shall apply to our Tender:

The unconditional discount proposed in this package/Lot/other lot(s) of the Tender is: In Percentage (%).-----

The discount shall be equally applicable on all the items of BOQ within each lot after arithmetical correction.

In signing this letter, and in submitting our Tender, we also confirm that:

- (a) our Tender shall be valid for the period stated in the Tender Data Sheet (ITT Sub Clause 32.1) and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (b) a Tender Security is attached in the form of a *[state Pay Order, Bank Draft, Bank Guarantee]* in the amount stated in the Tender Data Sheet (ITT Sub Clause 35.1) and valid for a period of twenty-eight (28) days beyond the Tender Validity date;
- (c) if our Tender is accepted, we commit to furnishing a Performance Security within the time stated under ITT Sub Clause 64.2 in the amount stated in the Tender Data Sheet (ITT Sub Clause 63.1) and in the form specified in the Tender Data Sheet (ITT Sub Clause 64.1) valid for a period of twenty-eight (28) days beyond the date of issue of the Completion Certificate of the Works;
- (d) we have examined and have no reservations to the Tender Document, issued by you on *[insert date]*; including Addendum to Tender Document No(s) *[state numbers]*, issued in accordance with the Instructions to Tenderers (ITT Clause 11). *[insert the number and issuing date of each addendum; or delete this sentence if no Addendum has been issued]*;
- (e) we, including as applicable, any JV partner or Subcontractor for any part of the contract resulting from this Tender process, have nationalities from eligible countries, in accordance with ITT Sub Clause 5.1;
- (f) we are submitting this Tender as a sole Tenderer in accordance with ITT Sub Clause 19.1
or
we are submitting this Tender as the partners of a JV, comprising the following other partners in accordance with ITT Clause 17;

	Name of Partner	Location & District of Partner
1		
2		
3		
4		

- (g) we are not a Government owned entity as defined in ITT Sub Clause 5.10
or
we are a Government owned entity, and we meet the requirements of ITT Sub Clause 5.10;
- (h) we, including as applicable any JV partner, declare that we are not associated, nor have been associated in the past, directly or indirectly, with a consultant or any other entity that has prepared the design, specifications and other documents in accordance with ITT Sub Clause 5.6;
- (i) we, including as applicable any JV partner or Subcontractor for any part of the contract resulting from this Tender process, have not been declared ineligible by the Government of Bangladesh on charges of engaging in corrupt, fraudulent, collusive, coercive or obstructive practices in accordance with ITT Sub Clause 5.7;
- (j) furthermore, we are aware of ITT Clause 4 concerning such practices and pledge not to indulge in such practices in competing for or in executing the Contract;

- (lc) we intend to subcontract an activity or part of the Works, in accordance with ITT Clause 18.1 to the following Subcontractor(s):

Activity or part of the Works	Name of Subcontractor with Location and District

- (l) we, including as applicable any JV partner, confirm that we are not currently suspended or debarred in connection with ITT Clause 5.8;
- (m) we are not participating as Tenderer in more than one Tender in this Tendering process. We understand that your written Notification of Award shall constitute the acceptance of our Tender and shall become a binding Contract between us, until a formal Contract is prepared and executed;
- (n) we, including as applicable any JV partner, confirm that we do not have a record of insolvency, receivership, bankrupt or being wound up, our business activities were not been suspended, and it was not been the subject of legal proceedings in accordance with ITT Sub Clause 5.9;
- (o) we, including as applicable any JV partner, confirm that we have fulfilled our obligations to pay taxes and social security contributions applicable under the relevant national laws and regulations of Bangladesh in accordance with ITT Sub Clause 5.5;
- (p) we understand that you reserve the right to reject all the Tenders or annul the Tender proceedings, without incurring any liability to Tenderer, in accordance with ITT Clause 5.7

Signature:	<i>{insert signature of authorised representative of the Tenderer}</i>
Name:	<i>{insert full name of signatory with National ID Number}</i>
In the capacity of:	<i>{insert capacity of signatory}</i>
Duly authorised to sign the Tender for and on behalf of the Tenderer	

[If there is more than one (1) signatory, or in the case of a JV, add other boxes and sign accordingly]

Attachment 1:

[ITT Sub Clause 39.3]

Written confirmation authorising the above signatory(ies) to commit the Tenderer

[and, if applicable]

Attachment 2:

[ITF Sub Clause 28.2(b)]

Copy of the JV Agreement / Letter of Intent to form JV with draft proposed Agreement

Letter of Authorization (Form PW3-1A)

[This is the format for the Letter of Authorization submitted by the tenderer in accordance with ITT Clause 39.3]

Invitation for Tender No:

Date:

Tender Package No:

Lot No (when applicable)

To:

[Name and address of the Procuring Entity]

I/We, the undersigned, as the Sole Proprietor/Authorized Partner/Partner-in-Charge/Managing Director/Chairman/Chief Executive Officer of the firm titled *[Insert Name and Address of the firm]*, do hereby authorize *[Insert name, designation, address and NID of the person being authorized]* to sign all the documents related with the tender on behalf of the firm. His/her specimen signatures are given below:

(signature)

1.....

(signature)

2.....

(signature)

3.....

(Signature)

Date:

Name, designation, address and NID

Note:

1. Relevant documentary evidence of authorizing capacity of the signatory of this authorization letter shall be attached.



Tenderer Information (Form PW3-2)

[This format shall be completed and signed by the Tenderer or his/her Authorised Signatory, without alterations, on the Letter-head pad of the Tenderer]

Invitation for Tender No:

[IFT No]

Tender Package No:

[Package No]

Lot No (when applicable)

[Lot No]

1.	Eligibility Information of the Tenderer [ITT -Clauses 5& 29]	
1.1	Nationality of individual or country of registration	
1.2	Tenderer's legal title	
1.3	Tenderer's registered address	
1.4	Tenderer's legal status <i>[complete the relevant box]</i>	
	Proprietorship (Please mention name and NID of the proprietor)	
	Partnership (Please mention name and NID of the partners)	
	Limited Liability Concern (Please mention name and NID of CEO or MD and the Directors (members of Board of Directors) and/ or Shareholders (at least 10% shares) of the concern)	
	Government-owned Enterprise	
	Others <i>[please describe, if applicable]</i>	
1.5	Tenderer's year of registration	
1.6	Tenderer's authorised representative details	
	Name	<i>[Signature]</i>

	National ID number			
	Address			
	Telephone / Fax numbers			
	e-mail address			
1.7	Litigation [ITT Cause 14]			
	A. No pending litigation ☐ [if no pending litigation put Tick Mark in Box]			
	B. Pending litigation			
	Month/Year	Matter in dispute	Value of Pending Claim in Taka	
1.8	Tenderer to attach photocopies of the original documents mentioned aside		[All documents required under ITT Clauses 5 and 29]	
The following two information are applicable for National Tenderers				
1.9	Tenderer's Value Added Tax Registration (VAT) Number			
1.10	Tenderer's Tax Identification Number (TIN)			
[The foreign Tenderers, in accordance with ITT Sub Clause 5.1, shall provide evidence by a written declaration to that effect to demonstrate that it meets the criterion]				
2.	Qualification Information of the Tenderer [ITT Clause 31]			
2.1	General Experience in Construction Works of Tenderer [State years of experience]			
2.2	Specific Experience in Construction Works of Tenderer: Completed Contracts of similar nature, complexity and methods/construction technology			
	Contract No	[insert reference no] of [insert year]		
	Name of Contract	[insert name]		
	Role in Contract [tick relevant box].	Prime Contractor	Subcontractor	Management Contractor
	Award date	[insert date]		
	Completion date	[insert date]		
	Total Contract Value	[insert amount]		
	Procuring Entity's Name			
	Address			
	Tel			
	e-mail			

	Brief description with justifications of the similarity compared to the Procuring Entity's requirements	[state justification in support of its similarity compared to the proposed works]
--	---	---

D.2 Average Annual Construction Turnover

[Select one option from below and delete the others]

[Option 1: Based on Profit and Loss Account or Audit Report duly conducted by Registered Chartered Accountancy Firm, Exchange Rate shall be rate at the end of the period reported by the concerned central bank of the country]

Period or Year	Amount and Currency	Amount in Equivalent BDT.

Option 2: Based on total certified payments received for contracts in progress or completed under public sector for a period as stated under ITT Sub Clause 14.1(b) [applicable for local tenderer]

Sl.	Period or Year	Tender ID or Ref. No.	Received Date	Gross Amount	Payment Received as Sole Tenderer or JV Partner	Turnover
					Total	
					AACT	

2.4	Liquid assets available to meet the construction cash flow [ITT Sub Clause 14.1(c)]		
	No	Source of Financing	Amount Available
In order to confirm the above statements, the Tenderer shall submit, as applicable, the documents mentioned in ITT Sub Clause 31.1(d)			
2.5	Contact Details [ITT Sub Clause 31.1 (h)]		
	Name, address, and other contact details of Tenderer Bankers and other Procuring Entity(s) that may provide references, if contacted by this Procuring Entity		
2.6	Qualifications and experience of key technical and administrative personnel proposed for Contract administration and management [ITT Sub Clause 31.1(f)]		
	Name	Position	Years of General Experience
[Tenderer to complete details of as many personnel as are applicable. Each personnel listed above should complete the Personnel Information (Form PW3-5)]			
2.7	Major Construction Equipment proposed to carry out the Contract [ITT Sub Clause 31.1(g)]		
	Item of Equipment	Condition (new, good, average, poor)	Owned, leased or to be purchased (state owner, lessor or seller)
[Tenderer to list details of each item of major construction equipment, as applicable]			

JV Partner Information (Form PW3-3)

[This Form should be completed and signed by each JV partner without alterations, preferably on its Letter-Head Pad]

Invitation for Tender No:

[IFT No]

Tender Package No:

Package No]

Lot No. (when applicable)

[Lot No)]

1.	Eligibility Information of the JV Partner [ITT -Clauses 5 & 28]	
1.1	Nationality of individual or country of registration	
1.2	JV Partner's legal title	
1.3	JV Partner's registered address	
1.4	JV Partner's legal status <i>[complete the relevant box]</i>	
	Proprietorship	
	Partnership	
	Limited Liability Concern	
	Government-owned Enterprise	
	Others <i>[please describe, if applicable]</i>	
1.5	JV Partner's year of registration	
1.6	JV Partner's authorised representative details	
	Name	
	National ID number	
	Address	
	Telephone / Fax numbers	
	e-mail address	
1.7	Litigation [ITT Cause 14]	

A. No pending litigation ☐ [if no pending litigation put Tick Mark in Box]			
B. Pending litigation			
Year	Matter in dispute	Value of Pending Claim in Taka	Value of Pending Claim as Percentage of Net Worth
1.8	JV Partner to attach photocopies of the original documents mentioned aside	[All documents required under ITT Clauses 5 and 29]	
The following two information are applicable for national JV Partners only			
1.9	JV Partner's Value Added Tax Registration (VAT) Number		
1.10	JV Partner's Tax Identification Number (TIN)		
[The foreign JV Partners, in accordance with ITT Sub Clause 5.1, shall provide evidence by a written declaration to that effect to demonstrate that it meets the criterion]			
2.	Key Activity(ies) for which it is intended to be joint ventured, if it can be specified [ITT Sub Clause 17.2]		
	Elements of Activity	Brief description of Activity	
3.	Qualification Information of the JV Partners [ITT Clause 31]		
3.1	General Experience in Construction Works of JV Partners [State years of experience]		
3.2	Specific Experience in Construction Works of JV Partners Completed Contracts of similar nature, complexity and methods/construction technology		
	Contract No	[insert reference no] of [insert year]	
	Name of Contract	[insert name]	
	Role in Contract [tick relevant box].	Prime Contractor	Subcontractor Management Contractor
	Award date	[insert date]	
	Completion date	[insert date]	
	Total Contract Value	[insert amount]	
	Procuring Entity's Name Address Tel / Fax e-mail		

90

91

92

	Brief description with justifications of the similarity compared to the Procuring Entity's requirements	[state justification in support of its similarity compared to the proposed works]
--	---	---

3.3 Average Annual Construction Turnover

[Select one option from below and delete the italics]

[Option 1: Based on Profit and Loss Account or Audit Report duly conducted by Registered Chartered Accountancy Firm, Exchange Rate shall be rate at the end of the period reported by the concerned central bank of the country]

Period or Year	Amount and Currency	Amount in Equivalent BDT.
1	2	3

Option 2: Based on total certified payments received for contracts in progress or completed under public sector for a period as stated under ITT Sub Clause 14.1(b) [applicable for local tenderer]

Sl.	Period or Year	Tender ID or Ref. No.	Received Date	Amount	Business Share	Turnover
1	2	3	4	5	6	7
					Total	
					AACT	

3.4	Liquid assets available to meet the construction cash flow [ITT Sub Clause 14.1(c)]		
	No	Source of Financing	Amount Available

In order to confirm the above statements, the JV Partners shall submit, as applicable, the documents mentioned in ITT Sub Clause 31.1(d)			
3.5	Contact Details [ITT Sub Clause 31.1 (h)]		
	Name, address, and other contact details of JV Partner's Bankers and other Procuring Entity(s) that may provide references, if contacted by this Procuring Entity		
3.6	Qualifications and experience of key technical and administrative personnel proposed for Contract administration and management [ITT Sub Clause 31.1(f)]		
	Name	Position	Years of General Experience
[JV Partners to complete details of as many personnel as are applicable. Each personnel listed above should complete the Personnel Information (Form PW2-5)]			
3.7	Major Construction Equipment proposed to carry out the Contract [ITT Sub Clause 31.1(g)]		
	Item of Equipment	Condition (new, good, average, poor)	Owned, leased or to be purchased (state owner, lessor or seller)
[Tenderer to list details of each item of major construction equipment, as applicable]			

Subcontractor Information Form (Form PW3-4)

(Not Applicable)

[This Form should be completed and signed by each Subcontractor without alterations, preferably on its Letter-Head Pad]

Invitation for Tender No:

[IFT No]

Tender Package No

[Package No]

Lot No. (when applicable)

[Lot No]

1.	Eligibility Information of the Subcontractor <i>[ITT –Clauses 5 & 28]</i>	
1.1	Nationality of Individual or country of Registration	
1.2	Subcontractor's legal title	
1.3	Subcontractor's registered address	
1.4	Subcontractor's legal status <i>[complete the relevant box]</i>	
	Proprietorship	
	Partnership	
	Limited Liability Concern	
	Government-owned Enterprise	

36

37

38

39

1.8	Subcontractor's Value Added Tax Registration (VAT) Number	
1.9	Subcontractor's Tax Identification Number (TIN)	
[The foreign Subcontractors, in accordance with ITT sub Clause 5.1, shall provide evidence by a written declaration to that effect to demonstrate that it meets the criterion]		
2. Key Activity(ies) for which it is intended to be Subcontracted [ITT Sub Clause 18.1]		
2.1	Elements of Activity	Brief description of Activity
2.2	List of Similar Contracts in which the proposed Subcontractor had been engaged	
	Name of Contract and Year of Execution	
	Value of Contract	
	Name of Procuring Entity	
	Contact Person and contact details	
	Type of Work performed	

9/1

10/1

11/1

Tenderer's Capacity Information (Form PW3-6)

Period	Maximum Value of Works performed in one year within last 5 Years from IFT date	Value of Remaining Works or Current Commitment
[should be same as provided in 3.3 of PW3-3]	[should be the maximum value of turnover in any one period as provided in column 3 of 3.3 (option 1) or column 7 of 3.3 of PW3-3 (option 2)]	[should be same as the sum of values provided in column 8 of table A and column 9 of table B or in column 9 of table C and column 10 of table D]

Tenderer's Current Commitment Determination (Form PW3-6A)

Option 1: If Tenderer participated as individual

(A) List of On-Going Works / Current Commitment Under any Organization as a Sole Tenderer:

Sl. No	TID or Ref No.	Contract Amount	Date of Issuance of NOA/ Signing Contract	Intended Completion Date of contract	Name of the PE & its Organization	Payment Received	Value of remaining Works/Current Commitment	Upload Contract Agreement /NOA
1	2	3	4	5	6	7	8=(3-7)	9
1								
2								
3								

(B) List of On-Going Works / Current Commitment Under any Organization as a JV Partner

Sl. No	TID or Ref No.	Contract Amount	Tenderer's portion in the contract amount	Date of Issuance of NOA/ Signing Contract	Intended Completion Date of contract	Name of the PE & its Organization	Payment Received as JV Partner	Value of remaining Works/Current Commitment	Upload Contract Agreement /NOA
1	2	3	4	5	6	7	8	9=(4-8)	10
1									
2									
3									

Foot-note:

1. Tenderer has to submit up-to-date payment certificate from Respective PE and corresponding JV agreement against each case listed in above forms A and B
2. Intended Completed Date in column 6 also indicates the extended dates as appropriate.

Option2: If Tenderer participated as JV

(C) List of On-Going Works / Current Commitment Under any Organization as a Sole Tenderer:

Sl. No	JV Partner Name	TID or Ref No.	Contract Amount	Date of Issuance of NOA/ Signing Contract	Intended Completion Date of contract	Name of the PE & its Organization	Payment Received	Value of remaining Works/Current Commitment	Upload Contract Agreement /NOA
1	2	3	4	5	6	7	8	9=(4-8)	10
1									
2									
3									

(D) List of On-Going Works / Current Commitment Under any Organization for JV Information

Sl. No	JV Partner Name	TID or Ref No.	Contract Amount	Tenderer's portion in the contract amount	Date of Issuance of NOA/ Signing Contract	Intended Completion Date of contract	Name of the PE & its Organization	Payment Received as JV Partner	Value of remaining Works/ Current Commitment	Upload Contract Agreement /NOA
1	2	3	4	5	6	7	8	9	10=(5-9)	11
1										
2										
3										

Foot-note:

3. Partner-wise information of a JV that participates in the current tender shall have to be provided following the above four forms (as appropriate).
4. Tenderer has to submit up-to-date payment certificate from respective PE and corresponding JV agreement against each case listed in above forms C and D.
5. Intended Completed Date in column 6 also indicates the extended dates as appropriate.

Bank Guarantee for Tender Security (Form PW3-7)

[This is the format for the Tender Security to be issued by any scheduled Bank of Bangladesh without alteration, in accordance with ITT Clause 35 & 36]

Invitation for Tender No:

Date:

Tender Package No:

Lot No (when applicable)

To:

[Name and address of the Procuring Entity]

TENDER GUARANTEE No: [insert number]

We have been informed that [name of Tenderer] (hereinafter called "the Tenderer") intends to submit to you its Tender dated [date of Tender] (hereinafter called "the Tender") for the execution of the Works of [description of works] under the above Invitation for Tenders (hereinafter called "the IFT").

Furthermore, we understand that, according to your conditions, the Tender must be supported by a Bank Guarantee for Tender Security.

At the request of the Tenderer, we [name of Bank] hereby irrevocably unconditionally undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Tk [insert amount in figures and words] upon receipt by us of your first written demand accompanied by a written statement that the Tenderer is in breach of its obligation(s) under the Tender conditions, because the Tenderer:

- a. has withdrawn its Tender after opening of Tenders but within the validity of the Tender Security; or
- b. refused to accept the Notification of Award (NOA) within the period as stated under ITT; or
- c. failed to furnish Performance Security within the period stipulated in the NOA; or
- d. refused to sign the Contract Agreement by the time specified in the NOA; or
- e. did not accept the correction of the Tender price following the correction of the arithmetic errors as stated under ITT.

This guarantee will expire

- (a) if the Tenderer is the successful Tenderer, upon our receipt of a copy of the Contract Agreement signed by the Tenderer or a copy of the Performance Security issued to you in accordance with the ITT; or
- (b) if the Tenderer is not the successful Tenderer, twenty-eight (28) days after the expiration of the Tenderer's Tender Validity period, being [date of expiration of the Tender Validity plus twenty-eight (28) days].

Consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

Letter of Commitment for Bank's Undertaking for Line of Credit (Form PW3-8)

[This is the format for the Credit Line to be issued by any scheduled Bank of Bangladesh, without alterations, in accordance with IFT Clause 31.1(d).]

Invitation for Tender No:

Date:

Tender Package No:

Lot No (when applicable)

To:

[Name and address of the Procuring Entity]

CREDIT COMMITMENT No: [insert number]

We have been informed that *[name of Tenderer]* (hereinafter called "the Tenderer") intends to submit to you its Tender (hereinafter called "the Tender") for the execution of the Works of *[description of works]* under the above Invitation for Tenders (hereinafter called "the IFT").

Furthermore, we understand that, according to your conditions, the Tenderer's Financial Capacity i.e. Liquid Asset must be substantiated by a Letter of Commitment of Bank's Undertaking for Line of Credit.

At the request of, and arrangement with, the Tenderer, we *[name and address of the Bank]* do hereby agree and undertake that *[name and address of the Tenderer]* will be provided by us with a revolving line of credit, in case awarded the Contract, for execution of the Works viz. *[insert name of works]*, for an amount not less than BDT *[in figure]* (*in words*) for the sole purpose of the execution of the above Contract. This Revolving Line of Credit will be maintained by us until issuance of "Taking-Over Certificate" by the Procuring Entity.

In witness whereof, authorised representative of the Bank has hereunto signed and sealed this Letter of Commitment.

Signature

Signature

Notification of Award (Form PW3-9)

Reference No:

Date:

To:

[Name of the successful tenderer]

This is to notify you that your Tender dated [insert date] for the execution of the Works for [name of Contract] for the Contract Price of BDT [state amount in figures and in words] as evaluated in accordance with the Instructions to Tenderers, has been approved by the competent authority.

You are, thus, requested to take following actions:

- i. furnish a Performance Security in the specified format and in the amount of Tk [state amount in figures and words], within [mention number of days as per Rule 123(7)] working days of issuance of this letter but no later than [specify the date of the last working day of the allowed time] in accordance with ITT Clause No 66.
- ii. sign the Contract within [mention number of days as per Rule 123(11)] days of issuance of this letter but no later than [specify the date of the last working day of the allowed time] in accordance with ITT Clause 68.

You may proceed with the execution of the Works only upon completion of the above tasks. You may also please note that this Notification of Award shall constitute the formation of this Contract which shall become binding upon you.

We attach the draft Contract and all other documents for your perusal and signature.

Signed
Duly authorized to sign for and or behalf of
[name of Procuring Entity]
Date:

Contract Agreement (Form PW3-10)

THIS AGREEMENT made the [day] day of [month][year] between [name and address of Procuring Entity] (hereinafter called "the Procuring Entity") of the one part and [name and address of Contractor] (hereinafter called "the Contractor") of the other part:

WHEREAS the Procuring Entity invited Tenders for certain works, viz, [brief description of works] and has accepted a Tender by the Contractor for the execution of those works in the sum of Taka [Contract Price in figures and in words] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of Contract hereafter referred to.
2. The documents forming the Contract shall be interpreted in the following order of priority:
 - (a) the signed Contract Agreement
 - (b) the Notification of Award
 - (c) the completed Tender and the Appendix to the Tender
 - (d) the Particular Conditions of Contract
 - (e) the General Conditions of Contract
 - (f) the Technical Specifications
 - (g) the General Specifications
 - (h) the ES Specifications and related risk management plan;
 - (i) the Drawings
 - (j) the priced BOQ and the Schedules
 - (k) any other document listed in the PCC forming part of the Contract.
3. In consideration of the payments to be made by the Procuring Entity to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Entity to execute and complete the works and to remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Procuring Entity 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 Bangladesh on the day, month and year first written above.

For the Procuring Entity

For the Contractor

Signature

Name

National ID No.

Title

In the presence of Name

Address

Bank Guarantee for Performance Security (Form PW3-11)

[This is the format for the Performance Security to be issued by any scheduled Bank of Bangladesh, without alteration, in accordance with ITT Clause 66]

Contract No: [insert reference number]

Date: [insert date]

To:

[insert Name and address of Procuring Entity]

PERFORMANCE GUARANTEE No: [insert number]

We have been informed that [name of Contractor] (hereinafter called "the Contractor") has undertaken, pursuant to Contract No [insert reference number of Contract] dated [insert date of Contract] (hereinafter called "the Contract"), the execution of works [description of works] under the Contract.

Furthermore, we understand that, according to your conditions, the Contract must be supported by a Bank Guarantee for Performance Security.

At the request of the Contractor, we [name of Bank] hereby irrevocably unconditionally undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Tk [insert amount in figures and in words] upon receipt by us of your first written demand accompanied by a written statement that the Contractor is in breach of its obligation(s) under the Contract conditions, without you needing to prove or show grounds or reasons for your demand of the sum specified therein.

This guarantee is valid until [date of validity of guarantee], consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

Bank Guarantee for Advance Payment (Form PW3-12)

(Not Applicable)

[This is the format for the Advance Payment Guarantee to be issued by any scheduled Bank of Bangladesh, without alteration, in accordance with GCC Clause 73]

Contract No: [insert reference number]

Date: [insert date]

To:

[insert Name and address of the Procuring Entity]

ADVANCE PAYMENT GUARANTEE No: [insert number]

We have been informed that [name of Contractor] (hereinafter called "the Contractor") has undertaken, pursuant to Contract No [insert reference number of Contract] dated [insert date of Contract] (hereinafter called "the Contract"), the execution of works [description of works] under the Contract.

Furthermore, we understand that, according to your Conditions of Contract under GCC Clause 73, the Advance Payment on Contract must be supported by a Bank Guarantee.

At the request of the Contractor, we [insert name of Bank] hereby irrevocably unconditionally undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Tk [insert amount in figures and in words] upon receipt by us of your first written demand accompanied by a written statement that the Contractor is in breach of its obligation(s) under the Contract conditions, without you needing to prove or show grounds or reasons for your demand of the sum specified therein.

We further agree that no change, addition or other modification of the terms of the Contract to be performed, or of any of the Contract documents which may be made between the Procuring Entity and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee is valid until [insert date of validity of guarantee], consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

Contract Amendment (Form PW3-13)

[Insert Full Contact Details of the Procuring Entity]

CONTRACT AMENDMENT

Contract No.	
Amendment No.	
Approval Reference No.	

Contract No. [insert number/year] by and between the [insert Procuring Entity's name] and [insert Contractor's legal title] for the contract named [insert name of the Works and physical services] is amended as follows:

1. GCC Clause [insert clause no], is hereby revised as _____

2. GCC Clause [insert clause no], is hereby revised as _____

and so on.

The effective date of this Amendment is [insert effective date] or upon execution whichever is later.

ALL OTHER TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT SHALL REMAIN IN FULL FORCE AND EFFECT

THIS AMENDMENT, consisting of [insert number] page(s) and [insert number] attachment(s), is executed by the persons signing below who warrant that they have the authority to execute this Amendment under the original Contract.

IN WITNESS WHEREOF, the Procuring Entity and the Contractor have signed this Amendment.

[Contractor's Authorized Signatory]

[Procuring Entity's Authorized Signatory]

Signature

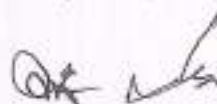
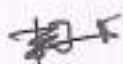
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Section 6: Bill of Quantity (BOQ)

For Lot-A (North Zone)

Tender No.: 01/2026 (WD-3:DPSESP)

Lot-A: North Zone (S&D Division, Tongi-East/Tongi-West/Tongi-Central/Dakshinkhan/Uttarkhan/Shah Kabir/Uttara East/Uttara West/Turag)

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
1	Poles				
1.1	Recovery of all sized Poles (detail described in common schedule of rates'2014)				
1.1.1	a) Steel/Wooden Pole				
	i) 9/10 M (30 Feet, any class)	Each	83		
	ii) 11 M (35 Feet, any class)	Each	0		
	iii) 12 M (40 Feet, any class)	Each	133		
	iv) 15 M (50 Feet, any class)	Each	6		
	b) RCC/SPC/PC Pole		0		
	i) 9/10 M (30 Feet, any class)	Each	128		
	ii) 11 M (35 Feet, any class)	Each	0		
	iii) 12 M (40 Feet, any class)	Each	267		
	iv) 15 M (50 Feet, any class)	Each	35		
	v) Recovery of any size pole and preservation at nearest safe place	Each	0		
1.1.2	Recovery of 11KV Tower (detail described in common schedule of rates'2014)	Each	0		
1.1.3	Recovery of 33KV Tower including crossarm, insulators (detail described in common schedule of rates'2014)	Each	12		
1.2	Installation of Poles (detail described in common schedule of rates'2014)		0		
i)	33 KV HT Poles in all respect	Each	15		
ii)	a) 11 KV HT Poles (Straight)		0		
	i) Steel/Wooden 12 m	Each	642		
	ii) Steel/Wooden 15 m	Each	6		
	iii) RCC/SPC/PC Poles 12 m	Each	141		
	iv) RCC/SPC/PC Poles 15 m	Each	6		
iii)	b) 11 KV HT Poles (Angle, Section & Terminal)		0		
	i) Steel/Wooden 12 m	Each	1294		

PM: Procurement of goods & related service for Construction, Maintenance & Upgrading of 11kV, 33/66kV, 0-4kV O/M & U/G Lines and Installation of Distribution S-Former

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	ii) Steel/Wooden 15 m	Each	6		
	iii) RCC/SPC/PC Poles 12 m	Each	280		
	iv) RCC/SPC/PC Poles 15 m	Each	6		
iv)	c) 0.4KV LT Poles (Straight)		0		
	(i) Steel/Wooden 10/11 m	Each	146		
	(ii) RCC/SPC/PC Poles 10/11 m	Each	51		
v)	d) 0.4KV LT Poles (Angle, Section & Terminal)		0		
	(i) Steel/Wooden 10/11 m	Each	183		
	(ii) RCC/SPC/PC Poles 10/11 m	Each	51		
1.3	Replacement/Reinstallation/Relocation as a shiftings/ renovation works		0		
1.3.1	Steel Pole/Wooden Pole		0		
	i) 9/10 m	Each	114		
	ii) 12 m	Each	125		
	iii) 15 m	Each	0		
1.3.2	RCC/SPC/PC Pole		0		
	i) 9/10 m	Each	125		
	ii) 12 m	Each	170		
	iii) 15 m	Each	15		
1.4	Straightening of poles (detail described in common schedule of rates'2014)		0		
1.4.1	Straightening of poles (In-line)		0		
	a) 11 KV or 0.4 KV Poles	Each	105		
	b) 11/0.4 KV Poles	Each	64		
1.4.2	Straightening of poles (Transverse)		0		
	a) 11 KV or 0.4 KV Poles	Each	63		
	b) 11/0.4 KV Poles	Each	42		
1.5	Re-inforced concrete pole base (detail described in PWD schedule of rates'2022)		0		
	a) RCC work form except cost of MS Rod (ratio 1:2:4)	Cu.M	75		
	b) Making of Forma with necessary support	Sq. M	150		
	c) Supply, Cutting, bending & Fixing of MS Rod (60 grade)	Quintal	66		
1.6	Concrete Muffling (detail described in PWD schedule of rates'2022)		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	a) RCC work forma except cost of MS Rod (ratio 1:2:4)	Cu.M	300		
	b) Making of Forma with necessary support	Sq.M	300		
1.7	Excavation of Earth (detail described in PWD schedule of rates'2022)	Cu.M	300		
1.8	Installation of Lay Pole (detail described in common schedule of rates'2014)		0		
	a) LT Pole	Each	30		
	b) HT Pole	Each	55		
1.9	Recovery of all type of Lay Poles (detail described in common schedule of rates'2014)	Each	66		
1.10	Painting of pole numbering and danger marking plate (detail described in common schedule of rates'2014)		0		
	a) Painting of new pole numbering and danger marking plate	Each	0		
	b) Painting of old pole numbering and danger marking plate	Each	0		
1.11	Installation of anti-climbing devices (detail described in common schedule of rates'2014)	Each	0		
1.12	Recovery of anti-climbing devices (detail described in common schedule of rates'2014)	Each	0		
1.13	Recovery of Cradle Gurd type Catch-Gurd (detail described in common schedule of rates'2014)	100 Sq.M	6		
1.14	Installation of Cradle Gurd type Catch-Gurd (detail described in common schedule of rates'2014)		0		
	a) Installation of Cradle Gurd type Catch-Gurd (all material supplied from dept. store)	100 Sq.M	0		
	b) Installation of Cradle Gurd type Catch-Gurd (all material supplied by Contractor)	100 Sq.M	6		
1.15	Recovery of 400V Box Type Catch-Gurd (detail described in common schedule of rates' 2014)	Each	0		
1.16	Installation of 400V Box Type Catch-Gurd (detail described in common schedule of rates'2014)		0		
	a) Installation of 400V Box Type Catch-Gurd (all material supplied from dept. store)	Each	0		
	b) Installation of 400V Box Type Catch-Gurd (all material supplied by Contractor)	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
1.17	33 KV and 11/0.4 KV Pole Earthing (detail described in common schedule of rates'2014)		0		
	a) Pole Earthing Installation (all material supplied from dept. store)	Each	0		
	b) Pole Earthing Installation (all material supplied by Contractor)	Each	0		
1.18	Painting of Poles and Associated Fittings (detail described in common schedule of rates'2014)		0		
	a) HT Poles	Each	0		
	b) LT Poles	Each	0		
	c) HT Fittings	Each	0		
	d) LT Fittings	Each	0		
	e) Transformer Platform and Fittings	Each	0		
	f) Transformer (All type) 11/0.4 KV	Each	0		
1.19	Relocation of Lay Pole as a shifting/renovation works.		0		
	a) LT Pole	Each	74		
	b) HT Pole	Each	14		
2	Stays: (detail described in common schedule of rates'2014)		0		
2.1	Recovery of Angle Stay	Each	75		
2.2	Installation of Angle Stay	Each	450		
2.3	Replacement/Reinstallation of Anchor unit (detail described in common schedule of rates'2014)		0		
	i) with 3.5 feet log rod	Each	30		
	ii) with 6 feet log rod	Each	30		
2.4	Replacement/Reinstallation of Angle stay (Recovery and Re-Installation)	Each	75		
2.5	Recovery of Horizontal Stay Excluding Stay Poles	Each	30		
2.6	Installation of Horizontal Stay (Flying Stay) Excluding Stay Poles	Each	90		
2.7	Replacement/Reinstallation of Horizontal Stay (Flying Stay) Excluding Stay Poles	Each	30		
2.8	Installation of Shackle Insulator for Stay (detail described in common schedule of rates'2014)	Each	120		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
2.9	Retensioning of Existing Stay (detail described in common schedule of rates'2014)	Each	60		
2.10	Recovery of existing guy set including insulators for 33kV line.	Each	0		
3	Installation and Recovery of Cross Arm, Brackets Racks etc. with Poles (detail described in rate schedule of rates 2014)		0		
3.1	Recovery of Cross Arm/LT Racks/Side Mount Brackets and Top-mount Brackets/Terminal Cross Arms (detailed described in common schedule of rates' 2014)		0		
	a) 11 KV Side mount & Top mount bracket (in line Position)	Sets	124		
	b) 11 KV Angle Assembly (1 set=2 side 3-phase)	Sets	66		
	c) 11 KV Terminal Assembly	Sets	69		
	d) 11 KV H-Pole Assembly	Sets	69		
	e) LT Line Connection (in Line Position)	Each	107		
	f) LT Line Angle Position	Each	35		
	g) LT Terminal Connection	Each	35		
	h) 11 KV Straight type cross-arm	Each	69		
	i) 11 KV Angle type cross-arm	Each	69		
	j) 11 KV Line 3-Way Section**	Sets	44		
	k) 11 KV Line 4-Way Section**	Sets	44		
	l) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	14		
	m) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	15		
	n) 33 KV Cross-arm in all respect including clamp, insulators & others	Each	30		
3.2	A) Installation of 33KV & 11KV Cross Arm/ LT Racks / Side Mount Brackets and Top Mount Brackets / Terminal Cross Arms, where the shut down of electricity is required (detailed described in common schedule of rates' 2014)		0		
	a) 11 KV in Line Assembly	Sets	338		
	b) 11 KV 0-30 deg. Position	Sets	299		
	c) 11 KV 30 to 60 deg Assembly	Sets	80		
	d) 11 KV 60 to 90 deg Assembly	Sets	80		

PWD: Procurement of works & related service for Construction, Restoration & Upgrading of 11KV, 11/0.4KV, 0.4KV 0/11 & 0/0.1 Lines and Installation of Distribution X-Frame

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	e) 11 KV Dead end Position	Sets	195		
	f) 11 KV Line 3-Way Section**	Sets	45		
	g) 11 KV Line 4-Way Section**	Sets	60		
	h) 11 KV Tee-off Position	Sets	116		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	375		
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	315		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	295		
	l) LT Line Dead end Position (11/0.4 KV or 0.4 KV)	Each	610		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	150		
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	140		
	o) 33 KV Cross-arm in all respect	Each	30		
	B) Installation of 33 KV & 11 KV Cross Arm/LT Racks Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms, where the shut down of electricity is not required (detailed described in common schedule of rates'2014)		0		
	a) 11 KV in Line Assembly	Sets	406		
	b) 11 KV 0-30 deg. Position	Sets	380		
	c) 11 KV 30 to 60 deg Assembly	Sets	90		
	d) 11 KV 60 to 90 deg Assembly	Sets	90		
	e) 11 KV Dead end Position	Sets	225		
	f) 11 KV Line 3-Way Section**	Sets	39		
	g) 11 KV Line 4-Way Section**	Sets	52		
	h) 11 KV Tee-off Position	Sets	150		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	395		
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	345		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	355		
	l) LT Line Dead end Location (11/0.4 KV or 0.4 KV)	Each	645		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	165		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	140		
	o) 33 KV Cross-arm in all respect	Each	30		
3.3	Re-placement/Relocation of Cross Arm (33 KV & 11 KV) / LT Racks/ Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms, where the shut down of electricity is required/not required (detailed described in common schedule of rates 2014)		0		
	a) 11 KV in Line Assembly	Sets	141		
	b) 11 KV 0-30 deg. Position	Sets	117		
	c) 11 KV 30 to 60 deg Assembly	Sets	91		
	d) 11 KV 60 to 90 deg Assembly	Sets	95		
	e) 11 KV Dead end Position	Sets	160		
	f) 11 KV Line 3-Way Section**	Sets	20		
	g) 11 KV Line 4-Way Section**	Sets	20		
	h) 11 KV Tee-off Position	Sets	110		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	145		
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	90		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	75		
	l) LT Line Dead end Location (11/0.4 KV or 0.4 KV)	Each	175		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	13		
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	13		
	o) 33 KV Cross-arm in all respect	Each	15		
3.4	Recovery of accessories for Cross Arm (33 KV & 11 KV) / LT Racks/ Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms/any other fittings.		0		
	a) LT accessories (1set= up to 4nos./subject to the pole fittings)	Sets	120		
	b) HT accessories (1set= up to 3nos./subject to the pole fittings)	Sets	105		
4	Insulators		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
4.1	Recovery of 33kV/11KV Pin/400V Insulators (detail described in common schedule of rates'2014)		0		
I)	33 KV in all respect** (1set=03nos.)	Sets	60		
	a) 11 KV Pin Insulator (3 Nos. in a set)	Sets	66		
	b) 400 V Shackle Insulator (4/5 in a set)	Sets	78		
4.2	Installation of 11KV Pin /400V Insulators (detail described in common schedule of rates'2014)		0		
	a) 11 KV Pin Insulator (3 Nos. in a set)	Sets	1423		
	b) 400 V Shackle Insulator (4/5 in a set)	Sets	3930		
4.3	Replacement/Reinstallation of 11KV/33KV Pin Insulator / 400 V Shackle Insulator (detail described in common schedule of rates'2014)		0		
	a) 11 KV Pin Insulator	Sets	200		
	b) 400 V Shackle Insulator	Sets	260		
	c) 33KV Pin Insulator	Sets	30		
4.4	Recovery of 33 KV & 11 KV Disc Insulator in all respect (detail described in common schedule of rates'2014)		0		
I)	33 KV in all respect** (1set = 09nos.)	Sets	60		
II)	11 KV in all respect		0		
	a) Terminal (1 set, 3-Phase)	Sets	248		
	b) Section (1 set, 2 side, 3-phase)	Sets	248		
4.5	Installation of 33 KV & 11 KV Disc Insulator (detail described in common schedule of rates'2014)		0		
	33 KV and 11 KV in all respect		0		
	a) Terminal (1 set, 3-Phase)	Sets	590		
	b) Section (1 set, 2 side, 3-Phase)	Sets	366		
	c) Tee-off (1 set, 2-side, 3-Phase)	Sets	266		
4.6	Replacement/Reinstallation of 11KV & 33KV Disc Insulator (detail described in common schedule of rates'2014)		0		
	a) 11kV Disk Insulator	Sets	232		
	b) 33kV Disk Insulator	Sets	15		
4.7	Installation of 11KV Pin Insulator and Bracket (for Pilot jumpering)	Each	215		
5	Conductor		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
5.1	Re-tensioning of Overhead Conductors (detail described in common schedule of rates'2014)		0		
	a) ACSR (DOG)/HT ABC (Ariel Bundled conductor), Copper No. 3/0, 2/0, 1,2/10, 7/8,136/Equivalent Conductors	KM	38		
	b) ACSR (Rabbit)/ AAC (WASP) / (Earwing), Copper No. 3 & 4/Equivalent Conductors	KM	47		
	c) ANT / LT ABC (Ariel Bundled conductor) /Fly / Mosquito / GNAT / Earthwire / Gopper/Equivalent Conductors	KM	13		
	d) ACSR Merlin / Wolf Conductor/Equivalent Conductors	KM	30		
	e) Insulated Wasp or Equivalent Conductors	KM	40		
	f) Insulated Ant / Fly / Mosquito / Gnat or Equivalent Conductors	KM	13		
5.2	Installation of Mid Span Joints (detail described in common schedule of rates'2014)	Nos.	570		
5.3	Installation of Line Tape / PG Clamp / Compression Connectors / Insulation Joints (detail described in common schedule of rates'2014)		0		
	a) Compression Connector for all Conductors	Each	2200		
	b) Line Tape / PG Clamps for all Conductors	Each	2150		
	c) Tightening of Existing Line Tape / PG Clamps	Each	119		
5.4	Recovery of Overhead Earth Wire / Conductors (detail described in common schedule of rates'2014)		0		
i)	33 KV Wolf / Merline	KM	6		
ii)	a) DOG/WASP/HT ABC (Ariel Bundled conductor)/Equivalent Conductors	KM	8		
	b) Rabbit /ANT/ LT ABC (Ariel Bundled conductor) /Equivalent Conductors	KM	13		
	c) Fly/Mosquito/Earth Wire/Gopper/ Equivalent Conductors	KM	2.5		
	d) Others (Out of Standards)	KM	2.75		
5.5	Installation of Overhead Earth Wire / Conductors (detail described in common schedule of rates'2014)		0		
	a) ACSR Merlin/Equivalent Conductors	KM	102		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	b) Dog/ Wasp / 4/0 AAC/Equivalent Conductors	KM	57		
	c)Rabbit / Ant / 1/0 ACSR/1/0 AAC/ Equivalent	KM	15		
	d) Goffer/Gnet/ 6 Quad Duplex/Equivalent Conductors and Earth wire	KM	0		
	e) 6 Duplex /6 Sq.mm Duplex	KM	0		
	f) 3 Duplex / 4 Sq.mm Duplex	KM	0		
5.6	Installation of Insulated Overhead Conductors (detail described in common schedule of rates'2014)		0		
	a) Wasp/Earwing/Dog/Equivalent Insulated Conductors	KM	140		
	b) ANT /Gnet/Equivalent Insulated Conductors	KM	18		
	c) HT/LT Bundled Conductor including necessary Fittings	KM	31		
5.7	Recovery/Reinstallation of Overhead Conductors/ Earth Wire		0		
	i) Dog/Wasp/HT ABC (Ariel Bundled Conductor)/Equivalent	KM	40		
	ii) Rabbit/Ant/LT ABC (Ariel Bundled Conductor)/Equivalent	KM	25		
	iii) Goffer/Gnet/ 6 Quad Duplex/Equivalent Conductors and Earth wire	KM	0		
	iv) Merlin/Equivalent	KM	20		
5.8	Installation of neutral earthing on pole (detail described in common schedule of rates'2014)	Each	0		
5.9	Recovery of accessories for conductor fittings.		0		
	a) LT accessories (1set= up to 4nos./subject to the pole fittings)	Sets	63		
	b) HT accessories (1set= up to 3nos./subject to the pole fittings)	Sets	140		
6	Services		0		
6.1 (A)	Replacement/Reinstallation of 230V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	1200		
	ii) Multi-storied Building (Type-A)	Each	300		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	iii) Multi-storied Building (Type-B)	Each	225		
6.1 (B)	Installation of New 230V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	29		
	ii) Multi-storied Building (Type-A)	Each	29		
	iii) Multi-storied Building (Type-B)	Each	29		
6.1(C)	Replacement/Reinstallation of 400V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied	Each	600		
	ii) Semi Pucca Building	Each	600		
	iii) Multi-storied Building (Type-A)	Each	800		
	iv) Multi-storied Building (Type-B)	Each	700		
6.1 (D)	Installation of New 400V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	33		
	ii) Multi-storied Building (Type-A)	Each	33		
	iii) Multi-storied Building (Type-B)	Each	33		
6.1.1	Fabrication & Supply of Single Phase Service Connection Materials (detail described in common schedule of rates'2014)		0		
	1) Meter Box Drg. No. K 004, Stock No. K 03000001	Each	0		
	2) Wooden Board of size 450mmx250mmx18mm sheel korai	Each	0		
	3) 25mm GI Pie along with one socket	Each	0		
	4) 25mm GI Elbo Drg. No. K 003, sheet 2, stock no. K 08000001	Each	0		
	5) 25mm GI Elbo Drg. No. K 003, sheet 2, stock no. K 09000001	Each	0		
	6) a. 25 mm PVC Conduit	Each	0		
	6) b. 25mm PVC Elbo	Each	0		
	7) Backelite Bushing Drg. No. K 003, sheet 2, stock no. 10000001	Each	0		
	8) clamp Drg. No. K 003, sheet 1, stock no- 12000001	Each	0		
	9) Half clam Drg. No. K 003, sheet 1, stock no. 13000001	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	10) Earthing clamp, drg. No. k 0003, sheet 2, stock no. k 14000001	Each	0		
	11) Pole band shackle Insulator, drg. No. k 003, stock no. 12000001	Each	0		
	12) Shackle Insulator, Drg. No. I 006, stock no. I 03040100	Each	0		
	13) Wage clam drg. No. K 003, sheet no. 3, stock no. K 2000000	Each	0		
	14) Assorted item, rawal plug, cement mortar, nylon roof etc.	Each	0		
	15) 8 SWG Copper wire	Meter	0		
	16) Split bolt connector drg. No. k 003, stock no. 2100000	Each	0		
	17) 25mm GI band drg. No. k 003, sheet 5, stock no. 32000001	Each	0		
	18) clamp made by 14 SWG sheet	Each	0		
	19) 25 mm PVC band	Each	0		
	20) Wooden screw 50 mm	Each	0		
	21) Service drop clamp drg. No. k 003, sheet no. 1, stock no. 16000001	Each	0		
	22) Services Dead End Clamp	Each	0		
6.1.2	Fabrication & supply of 400V, 3-Phase service connection materials		0		
	a).I. Type-A, Meter Cabinet, drg. No. k 005, stock no. k 05000002	Each	0		
	a).II. Type-B, Meter Cabinet, drg. No. k 006, stock no. k 06000002	Each	0		
	b.I Type-B, Rewirable Fuse Cut Out holder, 100 Amps per phase	Each	0		
	b.II -ditto-, 60 Amps	Each	0		
	c. 37 mm GI pipe with one socket	Per Meter	0		
	d. 37 mm GI Elbo, drg. No. k 007, sheet 1, stock no. 22000002	Each	0		
	e. 37 mm GI Elbo, drg. No. k 007, sheet 1, stock no. 23000002	Each	0		
	f. 37 mm GI band, drg. No. k 007, sheet 2, stock no. 24000002	Each	0		
	g. 37 mmx150mm GI pipe lock nut etc. drg. No. k 007, sheet 2, stock no. 25000002	Each	0		
	h. Backelite bushing, drg. No. k 007, sheet 1, stock no. 26000002	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	i. Strain clamp, drg. No. k 003, sheet 4.	Each	0		
	j. 3-bolt pipe clam, drg. No. k 007, sheet 1, stock no. 28000002	Each	0		
	k. half clam, drg. No. k 007, sheet 2, stock no. k 29000002	Each	0		
	l. grounding clamp, drg. No. k 007, sheet 1, stock no. 30000002	Each	0		
	m. guy wire 7/10 swg	Per KG	0		
	n. pole band shackle insulator	Each	0		
	o. 19mmx95mm GI Channel	Each	0		
	p. shackle insulator, drg. No. l 006	Per KG	0		
	q. wage clam drg. No. k 003, stock no. k 20000000	Each	0		
	r. assorted materials like cement mortar, glue, etc.	Each	0		
	s.i quarduplex 4 sq.mm	Per Meter	0		
	s.ii quarduplex 10 sq.mm	Per Meter	0		
	s.iii quarduplex 16 sq.mm	Per Meter	0		
	t. 8 swg copper wire	Per KG	0		
	u. 10 swg copper wire	Per KG	0		
	v. soprit bolt connector, drg. No. k 003, sheet 4, stock no. k 21000000	Each	0		
	w. grounding rod, drg. S 004, stock no. s 13030000	Each	0		
	x. 75mm wooden screw	Each	0		
6.2	Installation of Meter Box with Meter (detail described in common schedule of rates'2014)		0		
	a) Single Phase, All Size	Each	0		
	b) Three Phase, All Size	Each	0		
6.3	Replacement/Reinstallation of Meter/Pole Meter (detail described in common schedule of rates'2014)		0		
	a) Single Phase, All Size	Each	15		
	b) Three Phase, All Size	Each	15		
6.4	Replacement/Reinstallation of MCCB (detail described in common schedule of rates'2014)		0		
	a) Single Phase, All Size	Each	0		
	b) Three Phase, Up to 60A	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	c) Three Phase, Above 60A	Each	120		
6.5	Installation of Service Bail (Detail described in common schedule of rates'2014)		0		
	i) By Using Two Crimpit	Sets	0		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.6	Installation of Insulated Service Bail (Detail described in common schedule of rates'2014)		0		
	i) By Using Two Crimpit	Each	300		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.7	Installation of Insulated Line Tape and Insulated Compression Connector.		0		
	a) Compression Connector for all Conductor	Each	600		
	b) Insulated Line Tape for all Conductor	Each	300		
	c) Existing Insulated Line Tape Positioning and Tightening in Proper Position	Each	53		
6.8	Installation / Replacement/Reinstallation of Service Box / Quadruplex /3-Phase Service from Pole to Box (Detail described in common schedule of rates'2014)		0		
	a) Installation	Each	0		
	b) Re-installation / Shifting	Each	0		
6.9	Transfer of Existing Service to and Termination in Service Box (Detail described in common schedule of rates'2014)		0		
	a) Single Phase	Each	0		
	b) Three Phase	Each	0		
6.10	Installation of 11KV Consumer Metering Detail described in common schedule of rates'2014	Each	0		
6.11	Installation Consumer Metering through Cable at single pole	Each	0		
6.12	Installation of Capacitor Bank:	Each	0		
	Capacitor Bank: All materials should carry from central store of DESCO and installation as per drawing and instruction of Project Director or it's representative. (Detail described in common schedule of rates'2014)		0		
	i) Installation of Capacitor Bank,	Each	27		
	ii) Recovery of Capacitor Bank	Each	27		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	iii) Replacement/Reinstallation/Relocation of Capacitor Banks as a shiftings/renovation works	Each	27		
6.13	Relocation/Replacement/Reinstallation of Insulated Service Bail as a shifting works		0		
	i) By Using Two Crimpit	Each	120		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.14	Relocation/Replacement/Reinstallation of Insulated Line Tape and Insulated Compression Connector as a shifting works.		0		
	a) Compression Connector for all Conductor	Each	120		
	b) Insulated Line Tape for all Conductor	Each	75		
	c) Existing Insulated Line Tape Positioning and Tightening in Proper Position	Each	62		
7	Pole Mounted Sub-Station		0		
7.1	Testing of Earth Resistance (detail described in common schedule of rates'2014)	Each	30		
7.2	Installation/Replacement/Reinstallation of 400V Cables between the Transformer, 400V Bushings and the MCCB (Detail described in common schedule of rates'2014)		0		
	a) 17.7M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.7M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	594		
	c) 17.7M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
7.3	Inatallation/Replacement/Reinstallation of 400V Cables between the MCCB and 400V Overhead Lines (Detail described in rate schedule2014)		0		
	a) 17.5M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.5M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	594		
	c) 17.5M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
7.4	Recovery of Cross Arm for HV DOFC and LA (detail described in common schedule of rates'2014)	Each	30		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
7.5	Fabrication and Installation of Cross-Arm for Fixing LA and DOFC (detail described in common schedule of rates'2014)	Each	279		
7.6	Installation and Removal of the Lightning Arrester (All Size) (detail described in common schedule of rates'2014)		0		
	a) Installation	Each	796		
	b) Removal of One Arrester	Each	66		
	c) Removal of Arrester from Pole Top Assembly	Each	90		
	d) Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	138		
7.7 (A)	Installation of LV MCCB (detail described in common schedule of rates'2014)		0		
	a) 100 to 400 A	Each	476		
	b) 0 to 90 A	Each	0		
7.7 (B)	Recovery of LV MCCB (detail described in common schedule of rates'2014)		0		
	a) 100 to 400 A	Each	30		
	b) 0 to 90 A	Each	0		
7.7 (C)	Installation and Recovery of Transformer Platform (detail described in common schedule of rates'2014)		0		
a)	i) Installation (In Line)	Each	384		
	ii) Installation (At Dead end)	Each	92		
b)	Recovery	Each	18		
c)	Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	48		
7.8	Recovery of 11KV DOFC (detail described in common schedule of rates'2014)	Each	156		
7.9	Installation of 11KV DOFC (detail described in common schedule of rates'2014)		0		
	i) Installation	Each	796		
	ii) Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	138		
7.10	Installation of HT Drop (detail described in common schedule of rates'2014)	Each	1050		
7.11	Installation Pole Mounted Gang Operated Isolator / Load Break Switch (detail described in common schedule of rates'2014)	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
7.12	Recovery Pole / Pad Mounted Transformer (detail described in common schedule of rates'2014)		0		
	a) Single Phase up to 75 KVA	Each	15		
	b) Three Phase up to 250 KVA	Each	6		
	c) Above 250 KVA up to 500 KVA	Each	6		
7.13	Installation Pole / Pad Mounted Transformer (detail described in common schedule of rates'2014)		0		
	a) Single Phase 15KVA to 37.5 KVA	Each	41		
	a) Single Phase 37.5KVA to 75 KVA	Each	0		
	b) Three Phase up to 250 KVA	Each	238		
	c) Above 250 KVA up to 500 KVA	Each	6		
7.14	Recovery Pole / Pad Mounted Substation up to 500 KVA without Pole (detail described in common schedule of rates'2014)		0		
	a) Up to 250 KVA	Each	0		
	b) Above 250 KVA up to 500 KVA	Each	0		
7.15	Installation Pole / Pad Mounted S/S (detail described in common schedule of rates'2014)		0		
	a) Up to 250KVA	Each	0		
	b) 250KVA and above	Each	0		
7.16	Installation of Earthmate detail described in common schedule of rates'2014	Each	0		
7.17	Installation of pole/pad mounted sub-station up to 500KVA including Aerial Bundled Conductor except DOFC, LA, Cross Arm for DOFC & Other equipment (detail described in common schedule of rates'2014)		0		
	a) Up to 250KVA (Cable Box Type)	0	0		
	b) 250 to 500 KVA (Cable Box Type)	0	0		
7.18	Supply and Installation of Earthing Materials in work of Distribution SS/Voltage Regulator/Capacitor Bank installation. (detail described in common schedule of rates'2014)	Each	30		
7.19	Installation of Transformer assembly Unit (detail described in common schedule of rates'2014)		0		
	a) Upto 15 KVA (Single Phase)	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	b) 25KVA to 37.5 KVA (Single Phase)	Each	0		
	c) Upto 15 KVA Bank (Three Phase)	Each	0		
	d) 25KVA to 37.5 KVA Bank (Three Phase)	Each	0		
	e) Above 37.5 KVA (Single Phase)	Each	0		
	f) Up to 250 KVA (Three Phase)	Each	0		
7.20	Dismantling of Transformer Unit and Return to Store (detail described in common schedule of rates'2014)		0		
	a) Upto 15 KVA (Single Phase)	Each	0		
	b) 25KVA to 37.5 KVA (Single Phase)	Each	0		
	a) Up to 37.5 KVA (Single Phase)	Each	0		
	b) Up to 250 KVA (Three Phase)	Each	0		
7.21	Transformer Unit Dismantling and Reinstallation (Different Size) (detail described in common schedule of rates'2014)		0		
	a) Up to 37.5 KVA (Single Phase)	Each	0		
	b) Up to 250 KVA (Three Phase)	Each	0		
7.22	Replacement/Relocation of Transformer as a shifting works		0		
	a) Single Phase Transformer	Each	8		
	b) Three Phase Transformer	Each	33		
7.23	Replacement/Reinstallation/Relocation of Cross Arm/Fuse mount channel for HV DOFC and LA as a shifting works	Each	135		
7.24	Replacement/Reinstallation of LV MCCB as a shifting/renovation works		0		
	a) 100 to 400 A	Each	76		
	b) 0 to 90 A	Each	0		
7.25	Recovery of 400V Cables between the Transformer, 400V Bushings and the MCCB/between the MCCB and 400V Overhead Lines		0		
	a) 17.7M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.7M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	327		
	c) 17.7M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
7.26	Installation of Single Phase Transformer Structure/Hanger	Each	30		
7.27	Re-Installation of Single Phase Transformer Structure/Hanger	Each	30		
8	Cables		0		
8.1	11KV O/H Line cable termination-(Out door) (detail described in common schedule of rates'2014) : Cables jointing of a 3-core aluminium or copper, XLPE/SNA/PVC or PILC. 11 kV cable using heat shrink/ hot pouring/ cold-pouring cable jointing kit to an overhead line.	Each	15		
8.2	11 kV transformer cable terminations: Cable jointing of a 3-core Al or Cu, XLPE/SWA/PVC of PILC 11 kV cable using heat-shrink/ hot-pouring/ cold pouring cable jointing kit & connection termination to the high voltage drop-out fuse of the sub-station.	Each	6		
8.3	11 kV Switch-gear cable terminations (Indoor): Cable jointing of a 3-core Al or Cu, XLPE/SWA/PVC of PVC or PILC 11 kV cable on to the terminals of an 11 kV switchgear using a heat shrink/ hot-pouring/ cold pouring cable jointing kit as per specification & approval of Project Director or it's representative.	Each	15		
8.4	400V O/H cable terminations (Outdoor): The cable jointing of a low voltage 4 Core Al or Cu, SWA/PVC/PILC cable using a heat shrink/ hot pouring cable linking kit & its installation & connection of the overhead line including assembly mounting. (Detail Description at common schedule of rates' 2014)	Each	6		
8.5	400V transformer cable terminations: As item no 8.4 except the cable ends shall be terminated at the transformer, instead of the overhead line.	Each	6		
8.6	400 V MCCB cable terminations (Indoor): As item No. 8.4 except the cable ends shall be terminated at the MCCB instead of the overhead lines.	Each	6		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
8.7	a) Breaking of pucca surface: Includes breaking out of pucca surface of dimension given by the Engr. /Consultant and as per his instruction. Includes temporary repairs to road surface until attended to by the road authority.	Sq.M	285		
	b) Excavation and back-filling:		0		
	i) Earth excavation	Cu.M	285		
	ii) Back filling	Cu.M	150		
8.8	Recovery of 400V cable (including cable joints): This includes The recovery, drumming and returning to dept store of the cable of all sizes and terminal. All in accordance with the specification and directions of Engr. /Consultant.	Meter	300		
8.9	Recovery of Under ground cable(with Cable Joint).		0		
	a) 11/0.4/0.23kV Underground Cable including service drop (Circuit basis, All size)	Meter	600		
	b) 33 KV Single Core	Meter	600		
	c) 33KV Three Core	Meter	0		
8.10	a) Transportation and laying of underground cables		0		
	i) 11/0.4/0.23kV Underground Cable including service drop (Circuit basis, All size)	Meter	600		
	ii) 33KV Single core	Meter	300		
	iii)33KV 3-core XLPE(Copper)	Meter	0		
	b) Supply of Viti Sand,Prepare at least 6(six) inchs bed prior to cable laying and removing of all unnecessary materials with contractor's own cost.	Cu.M	285		
	c) Supply and laying of first class bricks	1000 Nos.	0		
	d) GI/SS/RCC/ PVC pipe transportation and installation	Meter	0		
	e) Supply/ carrying and laying of PVC/GI/RCC pipes		0		
	i) 150mm(6-inch) dia. GI pipe	Meter	0		
	ii) 100mm dia. GI pipe	Meter	0		
	iii) 150 mm Dia. RCC pipe	0	0		
	iv) 225 mm Dia. RCC pipe	Meter	0		

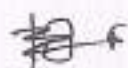
Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	v) 100mm Dia. PVC pipe	Meter	300		
	vi) 150 mm Dia. PVC pipe	Meter	300		
	vii) 200 mm Dia. PVC pipe	Meter	0		
8.11	Installation of 11kV straight through - joint (underground): Includes for maintenance of the jointing pit; the asking of straight joint between two 11 kV cable using heat shrink/hot pouring/cold pouring cable jointing kit, all necessary bailing, pumping.		0		
	i) 11 kV all sizes	Each	18		
	ii) 0.4KV LT all sizes	Each	0		
	iii) 33KV Single core	Each	9		
	iv) 33KV 3-core XLPE(Copper)	Each	0		
8.12	Transportation and installation of 11 KV (all size) XLPE arial cable: (detail described in common schedule of rates'2014)	Meter	0		
8.13	Installation of intermediate support of 11 kV(all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.14	Installation of Terminal support of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.15	Installation of switchGear termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.16	Installation of Transformer termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.17	Installation of Overhead line termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.18	Thrust Boring in order to cross a Rail line (detail described in common schedule of rates'2014)		0		
	a) up to 150 mm ±5%	Meter	150		
	b) up to 300 mm±5%	Meter	150		
8.19	Disconnection of 11 kV cable termination form switchgear/cable box: Includes Disconnection of cable, cutting off of the tails, sealing of the cable end and through cleaning of the insulators and the inside and outside of the cable box.		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	a) Heat-shrink joint	Each	15		
	b) compound joint	Each	0		
8.2	RCC Block		0		
	a) Supply, laying and carrying of RCC blocks: Reinforce Cement concrete works (1:1.5:3) having with cement (conforming to BDS 232)m best quality quarse sand (50%) quality of local sand (F.M-1.5) and 50% quality of sylhet sand down grade picked jhama chips including breading chips and screening shuttering, supplying polyethylene sheet for making , mixing the aggregates with mixer machine, acsting in forms, compacting by cont. 23 vibrator machineand curing at least 28 days (Excluding the cost of reinforcement and fabrication). The reinforcement bar to be used in the for making such RCC slab is 3/8" placing 150 mm a part and the thickness of the block will be at least 63mm. (PWD rate Shedule)	Cu.M	21		
	b) Making of Forma with necessary support	Sq.M	42		
8.21	Supply,Cutting, Bending and fixing of MS Rod (PWD) Rate Schedule.	Quintal	24		
8.22	Supply of PIB Tape	Roll	60		
8.23	Testing & Commissioning of 11 KV and/or 33KV U/G Cable Line before final energization as per direction & instruction of the Engineer.	L.S.	9		
8.24	Relocation/Replacememnt of underground cable such as HT consumer cable, Feeder/Source cable as a shifting works including Breaking of pucca surface, Earth excavation, Back filling and related works.	Each	95		
9	GENERAL		0		
9.1	Trimming of tree branches adjacent to an O/H line Includes the cutting, trimming and stacking of tree branches over or within a radial distance of 3m or 2m of the O/H line.		0		
	a) For 11 kV line (3m on each side)	KM (Wire)	3		
	b) For 400 V line (2m each side)	KM (Wire)	3		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
9.2	Tree cutting and uprooting: Includes Cutting and uprooting of a complete tree by excavating soil around the tree to a depth of at least 0.6m and cutting through the tree trunk below ground level.		0		
	a) For diameter of tree trunk up to 2ft/0.5m	Each	0		
	b) For diameter of tree trunk above 2ft/0.5m	Each	0		
10	Installation of SS on ground and 11KV switchgear		0		
10.1	Full setup of Substation including 11KV Ring Main Unit (RMU) and 1*11/0.4KV Transformer; Transportation, Loading, Unloading, Installation, Earthing, measurement of earth resistance, oil test/filling, other related works as well directed Project Director or it's representative.		0		
	a) Up to 500KVA	Each	0		
	b) 500KVA to 1000KVA	Each	0		
	c) Installation of High Voltage Metering unit with busbar	Each	0		
12	Fabrication of line Materials and supplying to the store.		0		
12.1	Hot dip galvanized 11 kv straight type cross arm with accessories	Sets	15		
12.1.1	Hot dip galvanized 11 kv tension type cross arm with accessories	Sets	15		
12.2	a) Hot dip galvanized Guy assembly except guy wire guy preformed and insulator as per drawing No G001	Sets	0		
12.2.1	Ridge Iron including Two Nos. of Nut & Bolts with Hot Dip Galvanization.	Sets	0		
12.2.2	a) Hot Dip Galvanized Clamp type Ridge Iron as per Drawing no H005, Stock No-01000100 (Top Mount Bracket with accessories)	Sets	400		
12.2.3	a) Hot dip galvanized clamp type side mount bracket as per drawing (Side Mount Bracket with accessories)	Sets	800		
12.2.4	a) Hot dip galvanized side mount bracket with nut and bolt as per drawing	Sets	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
12.2.5	a) Hot dip galvanized 5-spool dead-end rack with accessories as per drawing	Sets	0		
12.2.6	a) Hot dip galvanized 5-spool iron rack with accessories as per drawing	Sets	0		
12.2.7	a) Hot dip galvanized Pole band with accessories (Pole Bracket Strup) as per drawing	Sets	1500		
12.2.8	a) Hot dip galvanized clamp as per drawing	Sets	0		
12.2.9	a) Hot deep galvanized 16 x 63 mm nuts & bolts inclding washer as per direction of Project Director or it's representative/Consultant.	Sets	0		
12.2.10	a) Hot dip galvanized Pole band with stud (Half Stud Clamp) & accessories as per drawing	Sets	1350		
12.2.11	a) Hot dip galvanized 4-way pole band with nut bolt & accessories as per drawing	Sets	0		
	Extension Link:		0		
12.2.12	a) Hot dip galvanized extension link as per drawing (50X6X253mm Flat Bar)	Nos.	300		
12.2.13	a) Hot dip galvanized extension link as per drawing (50X6X506mm Flat Bar)	Nos.	300		
12.2.14	a) Hot dip galvanized eye bolt with two nuts as per drawing (280 mm long)	Nos.	0		
12.2.15	a) Hot dip galvanized Guy fitting as per drawing	Nos.	0		
12.2.16	a) Hot dip galvanized platform including X-arm, J-bolt, clamp, nut-bolt & B etc. for isolator as per drawing. (Dist. Substation Accessories set)	Sets	0		
12.2.17	a) Hot dip galvanized parallel cross-arm with two bracing.	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		
12.2.18	Accessories for 11 kV Metering as per drawing:		0		
	a) With hot dip galvanized	Sets	0		
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		
12.2.19	11 kV metering unit as per drawing for one pole:		0		
	a) With hot deep galvanized	Sets	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		
12.2.20	Installation/Reinstallation of Capacitor Bank:		0		
	a) With hot deep galvanized	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		
12.2.21	Installation of OCR Fixating Assembly:		0		
	a) With hot deep galvanized	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		
12.2.22	Clamp as per Drawing:		0		
	a) With hot dip galvanized	Sets	0		
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		
12.2.23	50 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	0		
	b) With tow coat of aluminium paint over one coat or red oxide	Each	0		
12.2.24	75 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	300		
	b) With two coat of aluminium paint over one coat of red oxide	Each	0		
12.2.25	254 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	300		
	b) With tow coat of aluminium paint over one coat or red oxide.	Each	0		
12.2.26	260 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	0		
	b) With two coat of aluminium paint over one coat of red oxide	Each	0		
12.2.27	300 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	300		
	b) with paint	Each	0		
12.2.28	Guy wire supplying (7/10)	KM	0		
13	Automatic Voltage Regulator (Without civil works)		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (incl. VAT & Tax)	Total Amount in Taka (incl. VAT & Tax)
1	2	3	4	5	6=4*5
	Erection and installation of Automatic Voltage Regulator (AVR) with or without structure (PAD/Structure Mounted; as required) including supply of fittings of accessories (as required) subsequent power connections and earth connection with ground bus with appropriate strings and clamps as shown in the drawings. The rate includes of necessary carrying, loading and unloading of automatic voltage regulator along with all accessories as required from DESCO store to site including cutting, fabrication and drilling as per direction of Project Director or it's representative.	Set (3 Nos.)	2		
14	Installation of Gang/Offload Isolator		0		
	Carrying of Gang Isolator from Central Store, DESCO, Installation of 01(One) set pole top mounting Steel structure, installation of 01 (One) nos three Phase switch unit with bolt, installation of Gang Operating mechanism connecting rod and operating handle (Everything should be done as per drawing). Installation of Switch Unit so that the mechanism works properly, Connection of Conductor with switch unit with bolt/compression type connector and required adjustment of operating mechanism rod (as required) (All works as per drawing and the instruction of Project Director or it's representative).	Nos.	3		
Total of Schedule Lot-A =					
Total Cost in words:					

Bill of Quantity (BOQ) For Lot-B (South Zone)

Tender No.: 01/2026 (WD-3: DPSESP)

Lot-B: South Zone (S&D Division, Pallabi/Kafrul/Ibrahimpur/Eastern Housing/Rupnagar/Shah Ali /Kallayanpur/Agargaon/Monipur)

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
1	Poles				
1.1	Recovery of all sized Poles (detail described in common schedule of rates'2014)				
1.1.1	a) Steel/Wooden Pole				
	i) 9/10 M (30 Feet, any class)	Each	57		
	ii) 11 M (35 Feet, any class)	Each	0		
	iii) 12 M (40 Feet, any class)	Each	102		
	iv) 15 M (50 Feet, any class)	Each	6		
	b) RCC/SPC/PC Pole		0		
	i) 9/10 M (30 Feet, any class)	Each	88		
	ii) 11 M (35 Feet, any class)	Each	0		
	iii) 12 M (40 Feet, any class)	Each	189		
	iv) 15 M (50 Feet, any class)	Each	28		
	v) Recovery of any size pole and preservation at nearest safe place	Each	0		
1.1.2	Recovery of 11KV Tower (detail described in common schedule of rates'2014)	Each	0		
1.1.3	Recovery of 33KV Tower including crossarm, insulators (detail described in common schedule of rates'2014)	Each	12		
1.2	Installation of Poles (detail described in common schedule of rates'2014)		0		
i)	33 KV HT Poles in all respect	Each	15		
ii)	a) 11 KV HT Poles (Straight)		0		
	i) Steel/Wooden 12 m	Each	426		
	ii) Steel/Wooden 15 m	Each	6		
	iii) RCC/SPC/PC Poles 12 m	Each	102		
	iv) RCC/SPC/PC Poles 15 m	Each	6		
iii)	b) 11 KV HT Poles (Angle, Section & Terminal)		0		
	i) Steel/Wooden 12 m	Each	915		
	ii) Steel/Wooden 15 m	Each	6		

PWS: Procurement of works & related service for Construction, RepARATION & Dismantling of 11KV, 11/0.4KV, 0.4KV 0/0.1 & 0/0.1 Lines and Installation of Distribution & Feeder

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	iii) RCC/SPC/PC Poles 12 m	Each	206		
	iv) RCC/SPC/PC Poles 15 m	Each	6		
iv)	c) 0.4KV LT Poles (Straight)		0		
	(i) Steel/Wooden 10/11 m	Each	89		
	(ii) RCC/SPC/PC Poles 10/11 m	Each	36		
v)	d) 0.4KV LT Poles (Angle, Section & Terminal)		0		
	(i) Steel/Wooden 10/11 m	Each	108		
	(ii) RCC/SPC/PC Poles 10/11 m	Each	36		
1.3	Replacement/Reinstallation/Relocation as a shiftings/ renovation works		0		
1.3.1	Steel Pole/Wooden Pole		0		
	i) 9/10 m	Each	96		
	ii) 12 m	Each	117		
	iii) 15 m	Each	0		
1.3.2	RCC/SPC/PC Pole		0		
	i) 9/10 m	Each	70		
	ii) 12 m	Each	113		
	iii) 15 m	Each	15		
1.4	Straightening of poles (detail described in common schedule of rates'2014)		0		
1.4.1	Straightening of poles (In-line)		0		
	a) 11 KV or 0.4 KV Poles	Each	76		
	b) 11/0.4 KV Poles	Each	46		
1.4.2	Straightening of poles (Transverse)		0		
	a) 11 KV or 0.4 KV Poles	Each	46		
	b) 11/0.4 KV Poles	Each	30		
1.5	Re-inforced concrete pole base (detail described in PWD schedule of rates'2022)		0		
	a) RCC work forma except cost of MS Rod (ratio 1:2:4)	Cu.M	75		
	b) Making of Forma with necessary support	Sq. M	150		
	c) Supply, Cutting, bending & Fixing of MS Rod (60 grade)	Quintal	66		
1.6	Concrete Muffling (detail described in PWD schedule of rates'2022)		0		
	a) RCC work forma except cost of MS Rod (ratio 1:2:4)	Cu.M	300		
	b) Making of Forma with necessary support	Sq.M	300		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
1.7	Excavation of Earth (detail described in PWD schedule of rates'2022)	Cu.M	300		
1.8	Installation of Lay Pole (detail described in common schedule of rates'2014)		0		
	a) LT Pole	Each	30		
	b) HT Pole	Each	45		
1.9	Recovery of all type of Lay Poles (detail described in common schedule of rates'2014)	Each	66		
1.10	Painting of pole numbering and danger marking plate (detail described in common schedule of rates'2014)		0		
	a) Painting of new pole numbering and danger marking plate	Each	0		
	b) Painting of old pole numbering and danger marking plate	Each	0		
1.11	Installation of anti-climbing devices (detail described in common schedule of rates'2014)	Each	0		
1.12	Recovery of anti-climbing devices (detail described in common schedule of rates'2014)	Each	0		
1.13	Recovery of Cradle Gurd type Catch-Gurd (detail described in common schedule of rates'2014)	100 Sq.M	6		
1.14	Installation of Cradle Gurd type Catch-Gurd (detail described in common schedule of rates'2014)		0		
	a) Installation of Cradle Gurd type Catch-Gurd (all material supplied from dept. store)	100 Sq.M	0		
	b) Installation of Cradle Gurd type Catch-Gurd (all material supplied by Contractor)	100 Sq.M	6		
1.15	Recovery of 400V Box Type Catch-Gurd (detail described in common schedule of rates' 2014)	Each	0		
1.16	Installation of 400V Box Type Catch-Gurd (detail described in common schedule of rates'2014)		0		
	a) Installation of 400V Box Type Catch-Gurd (all material supplied from dept. store)	Each	0		
	b) Installation of 400V Box Type Catch-Gurd (all material supplied by Contractor)	Each	0		
1.17	33 KV and 11/0.4 KV Pole Earthing (detail described in common schedule of rates'2014)		0		
	a) Pole Earthing Installation (all material supplied from dept. store)	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	b) Pole Earthing Installation (all material supplied by Contractor)	Each	0		
1.18	Painting of Poles and Associated Fittings (detail described in common schedule of rates'2014)		0		
	a) HT Poles	Each	0		
	b) LT Poles	Each	0		
	c) HT Fittings	Each	0		
	d) LT Fittings	Each	0		
	e) Transformer Platform and Fittings	Each	0		
	f) Transformer (All type) 11/0.4 KV	Each	0		
1.19	Relocation of Lay Pole as a shifting/renovation works.		0		
	a) LT Pole	Each	46		
	b) HT Pole	Each	10		
2	Stays: (detail described in common schedule of rates'2014)		0		
2.1	Recovery of Angle Stay	Each	75		
2.2	Installation of Angle Stay	Each	350		
2.3	Replacement/Reinstallation of Anchor unit (detail described in common schedule of rates'2014)		0		
	i) with 3.5 feet log rod	Each	30		
	ii) with 6 feet log rod	Each	30		
2.4	Replacement/Reinstallation of Angle stay (Recovery and Re-Installation)	Each	75		
2.5	Recovery of Horizontal Stay Excluding Stay Poles	Each	30		
2.6	Installation of Horizontal Stay (Flying Stay) Excluding Stay Poles	Each	70		
2.7	Replacement/Reinstallation of Horizontal Stay (Flying Stay) Excluding Stay Poles	Each	30		
2.8	Installation of Shackle Insulator for Stay (detail described in common schedule of rates'2014)	Each	120		
2.9	Retensioning of Existing Stay (detail described in common schedule of rates'2014)	Each	60		
2.10	Recovery of existing guy set including insulators for 33kV line.	Each	0		
3	Installation and Recovery of Cross Arm, Brackets Racks etc. with Poles (detail described in rate schedule of rates 2014)		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
3.1	Recovery of Cross Arm/LT Racks/Side Mount Brackets and Top-mount Brackets/Terminal Cross Arms (detailed described in common schedule of rates' 2014)		0		
	a) 11 KV Side mount & Top mount bracket (in line Position)	Sets	82		
	b) 11 KV Angle Assembly (1 set=2 side 3-phase)	Sets	54		
	c) 11 KV Terminal Assembly	Sets	54		
	d) 11 KV H-Pole Assembly	Sets	54		
	e) LT Line Connection (in Line Position)	Each	73		
	f) LT Line Angle Position	Each	24		
	g) LT Terminal Connection	Each	25		
	h) 11 KV Straight type cross-arm	Each	54		
	i) 11 KV Angle type cross-arm	Each	54		
	j) 11 KV Line 3-Way Section**	Sets	41		
	k) 11 KV Line 4-Way Section**	Sets	41		
	l) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	10		
	m) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	11		
	n) 33 KV Cross-arm in all respect including clamp, insulators & others	Each	30		
3.2	A) Installation of 33KV & 11KV Cross Arm/ LT Racks / Side Mount Brackets and Top Mount Brackets / Terminal Cross Arms, where the shut down of electricity is required (detailed described in common schedule of rates' 2014)		0		
	a) 11 KV in Line Assembly	Sets	257		
	b) 11 KV 0-30 deg. Position	Sets	203		
	c) 11 KV 30 to 60 deg Assembly	Sets	70		
	d) 11 KV 60 to 90 deg Assembly	Sets	68		
	e) 11 KV Dead end Position	Sets	175		
	f) 11 KV Line 3-Way Section**	Sets	22		
	g) 11 KV Line 4-Way Section**	Sets	28		
	h) 11 KV Tee-off Position	Sets	123		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	235		
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	175		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	165		
	l) LT Line Dead end Position (11/0.4 KV or 0.4 KV)	Each	340		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	85		

FIG 1 Procurement of works & related services for Construction, Restoration & Upgrading of 11KV, 11/5-4KV, 0-4KV O/H & U/G Lines and Installation of Distribution S-Frame

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	83		
	o) 33 KV Cross-arm in all respect	Each	30		
	B) Installation of 33 KV & 11 KV Cross Arm/LT Racks Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms, where the shut down of electricity is not required (detailed described in common schedule of rates'2014)		0		
	a) 11 KV in Line Assembly	Sets	285		
	b) 11 KV 0-30 deg. Position	Sets	267		
	c) 11 KV 30 to 60 deg Assembly	Sets	75		
	d) 11 KV 60 to 90 deg Assembly	Sets	75		
	e) 11 KV Dead end Position	Sets	214		
	f) 11 KV Line 3-Way Section**	Sets	22		
	g) 11 KV Line 4-Way Section**	Sets	31		
	h) 11 KV Tee-off Position	Sets	110		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	260		
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	205		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	187		
	l) LT Line Dead end Location (11/0.4 KV or 0.4 KV)	Each	380		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	80		
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	75		
	o) 33 KV Cross-arm in all respect	Each	30		
3.3	Re-placement/Relocation of Cross Arm (33 KV & 11 KV) / LT Racks/ Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms, where the shut down of electricity is required/not required (detailed described in common schedule of rates'2014)		0		
	a) 11 KV in Line Assembly	Sets	86		
	b) 11 KV 0-30 deg. Position	Sets	85		
	c) 11 KV 30 to 60 deg Assembly	Sets	76		
	d) 11 KV 60 to 90 deg Assembly	Sets	76		
	e) 11 KV Dead end Position	Sets	115		
	f) 11 KV Line 3-Way Section**	Sets	16		
	g) 11 KV Line 4-Way Section**	Sets	16		
	h) 11 KV Tee-off Position	Sets	49		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	70		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	45		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	45		
	l) LT Line Dead end Location (11/0.4 KV or 0.4 KV)	Each	113		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	5		
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	5		
	o) 33 KV Cross-arm in all respect	Each	15		
3.4	Recovery of accessories for Cross Arm (33 KV & 11 KV) / LT Racks/ Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms/any other fittings.		0		
	a) LT accessories (1set= up to 4nos./subject to the pole fittings)	Sets	102		
	b) HT accessories (1set= up to 3nos./subject to the pole fittings)	Sets	90		
4	Insulators		0		
4.1	Recovery of 33kV/11KV Pin/400V Insulators (detail described in common schedule of rates'2014)		0		
	i) 33 KV in all respect** (1set=03nos.)	Sets	60		
	a) 11 KV Pin Insulator (3 Nos. in a set)	Sets	57		
	b) 400 V Shackle Insulator (4/5 in a set)	Sets	63		
4.2	Installation of 11KV Pin /400V Insulators (detail described in common schedule of rates'2014)		0		
	a) 11 KV Pin Insulator (3 Nos. in a set)	Sets	992		
	b) 400 V Shackle Insulator (4/5 in a set)	Sets	2270		
4.3	Replacement/Reinstallation of 11KV/33KV Pin Insulator / 400 V Shackle Insulator (detail described in common schedule of rates'2014)		0		
	a) 11 KV Pin Insulator	Sets	101		
	b) 400 V Shackle Insulator	Sets	184		
	c) 33KV Pin Insulator	Sets	30		
4.4	Recovery of 33 KV & 11 KV Disc Insulator in all respect (detail described in common schedule of rates'2014)		0		
	i) 33 KV in all respect** (1set = 09nos.)	Sets	60		
	ii) 11 KV in all respect		0		
	a) Terminal (1 set, 3-Phase)	Sets	192		
	b) Section (1 set, 2 side, 3-phase)	Sets	191		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
4.5	Installation of 33 KV & 11 KV Disc Insulator (detail described in common schedule of rates'2014)		0		
	33 KV and 11 KV in all respect		0		
	a) Terminal (1 set, 3-Phase)	Sets	534		
	b) Section (1 set, 2 side, 3-Phase)	Sets	246		
	c) Tee-off (1 set, 2-side, 3-Phase)	Sets	233		
4.6	Replacement/Reinstallation of 11KV & 33KV Disc Insulator (detail described in common schedule of rates'2014)		0		
	a) 11kV Disk Insulator	Sets	161		
	b) 33kV Disk Insulator	Sets	15		
4.7	Installation of 11KV Pin Insulator and Bracket (for Pilot jumpering)	Each	156		
5	Conductor		0		
5.1	Re-tensioning of Overhead Conductors (detail described in common schedule of rates'2014)		0		
	a) ACSR (DOG)/HT ABC (Ariel Bundled conductor), Copper No. 3/0, 2/0, 1,2/10, 7/8,136/Equivalent Conductors	KM	13		
	b) ACSR (Rabbit)/ AAC (WASP) / (Earwing), Copper No. 3 & 4/Equivalent Conductors	KM	15		
	c) ANT / LT ABC (Ariel Bundled conductor) /Fly / Mosquito / GNAT / Earthwire / Gopper/Equivalent Conductors	KM	6		
	d) ACSR Merlin / Wolf Conductor/Equivalent Conductors	KM	13		
	e) Insulated Wasp or Equivalent Conductors	KM	21		
	f) Insulated Ant / Fly / Mosquito / Gnat or Equivalent Conductors	KM	5		
5.2	Installation of Mid Span Joints (detail described in common schedule of rates'2014)	Nos.	400		
5.3	Installation of Line Tape / PG Clamp / Compression Connectors / Insulation Joints (detail described in common schedule of rates'2014)		0		
	a) Compression Connector for all Conductors	Each	1450		
	b) Line Tape / PG Clamps for all Conductors	Each	1400		
	c) Tightening of Existing Line Tape / PG Clamps	Each	74		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
5.4	Recovery of Overhead Earth Wire / Conductors (detail described in common schedule of rates'2014)		0		
i)	33 KV Wolf / Merline	KM	6		
ii)	a) DOG/WASP/HT ABC (Ariel Bundled conductor)/Equivalent Conductors	KM	6.5		
	b) Rabbit /ANT/ LT ABC (Ariel Bundled conductor) /Equivalent Conductors	KM	9		
	c) Fly/Mosquito/Earth Wire/Gopper/ Equivalent Conductors	KM	2		
	d) Others (Out of Standards)	KM	2.25		
5.5	Installation of Overhead Earth Wire / Conductors (detail described in common schedule of rates'2014)		0		
	a) ACSR Merlin/Equivalent Conductors	KM	42		
	b) Dog/ WASP / 4/0 AAC/Equivalent Conductors	KM	48		
	c)Rabbit / Ant / 1/0 ACSR/1/0 AAC/ Equivalent	KM	11		
	d) Goffer/Gnet/ 6 Quad Duplex/Equivalent Conductors and Earth wire	KM	0		
	e) 6 Duplex /6 Sq.mm Duplex	KM	0		
	f) 3 Duplex / 4 Sq.mm Duplex	KM	0		
5.6	Installation of Insulated Overhead Conductors (detail described in common schedule of rates'2014)		0		
	a) WASP/Earwing/Dog/Equivalent Insulated Conductors	KM	70		
	b) ANT /Gnet/Equivalent Insulated Conductors	KM	11		
	c) HT/LT Bundled Conductor including necessary Fittings	KM	22		
5.7	Recovery/Reinstallation of Overhead Conductors/ Earth Wire		0		
	i) Dog/Wasp/HT ABC (Ariel Bundled Conductor)/Equivalent	KM	26		
	ii) Rabbit/Ant/LT ABC (Ariel Bundled Conductor)/Equivalent	KM	9		
	iii) Goffer/Gnet/ 6 Quad Duplex/Equivalent Conductors and Earth wire	KM	0		
	iv) Merlin/Equivalent	KM	12		
5.8	Installation of neutral earthing on pole (detail described in common schedule of rates'2014)	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
5.9	Recovery of accessories for conductor fittings.		0		
	a) LT accessories (1set= up to 4nos./subject to the pole fittings)	Sets	38		
	b) HT accessories (1set= up to 3nos./subject to the pole fittings)	Sets	100		
6	Services		0		
6.1 (A)	Replacement/Reinstallation of 230V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	1050		
	ii) Multi-storied Building (Type-A)	Each	300		
	iii) Multi-storied Building (Type-B)	Each	200		
6.1 (B)	Installation of New 230V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	18		
	ii) Multi-storied Building (Type-A)	Each	18		
	iii) Multi-storied Building (Type-B)	Each	18		
6.1(C)	Replacement/Reinstallation of 400V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied	Each	300		
	ii) Semi Pucca Building	Each	400		
	iii) Multi-storied Building (Type-A)	Each	700		
	iv) Multi-storied Building (Type-B)	Each	600		
6.1 (D)	Installation of New 400V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	23		
	ii) Multi-storied Building (Type-A)	Each	23		
	iii) Multi-storied Building (Type-B)	Each	23		
6.1.1	Fabrication & Supply of Single Phase Service Connection Materials (detail described in common schedule of rates'2014)		0		
	1) Meter Box Drg. No. K.004, Stock No. K 03000001	Each	0		
	2) Wooden Board of size 450mmx250mmx18mm sheel korai	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	3) 25mm GI Pie along with one socket	Each	0		
	4) 25mm GI Elbo Drg. No. K 003, sheet 2, stock no. K 08000001	Each	0		
	5) 25mm GI Elbo Drg. No. K 003, sheet 2, stock no. K 09000001	Each	0		
	6) a. 25 mm PVC Conduit	Each	0		
	6) b. 25mm PVC Elbo	Each	0		
	7) Bakelite Bushing Drg. No. K 003, sheet 2, stock no. 10000001	Each	0		
	8) clamp Drg. No. K 003, sheet 1, stock no-12000001	Each	0		
	9) Half clam Drg. No. K 003, sheet 1, stock no. 13000001	Each	0		
	10) Earthing clamp, drg. No. k 0003, sheet 2, stock no. k 14000001	Each	0		
	11) Pole band shackle insulator, drg. No. k 003, stock no. 12000001	Each	0		
	12) Shackle Insulator, Drg. No. I 006, stock no. I 03040100	Each	0		
	13) Wage clam drg. No. K 003, sheet no. 3, stock no. K 2000000	Each	0		
	14) Assorted item, rawal plug, cement mortar, nylon roof etc.	Each	0		
	15) 8 SWG Copper wire	Meter	0		
	16) Split bolt connector drg. No. k 003, stock no. 2100000	Each	0		
	17) 25mm GI band drg. No. k 003, sheet 5, stock no. 32000001	Each	0		
	18) clamp made by 14 SWG sheet	Each	0		
	19) 25 mm PVC band	Each	0		
	20) Wooden screw 50 mm	Each	0		
	21) Service drop clamp drg. No. k 003, sheet no. 1, stock no. 16000001	Each	0		
	22) Services Dead End Clamp	Each	0		
6.1.2	Fabrication & supply of 400V, 3-Phase service connection materials		0		
	a).I. Type-A, Meter Cabinet, drg. No. k 005, stock no. k 05000002	Each	0		
	a).II. Type-B, Meter Cabinet, drg. No. k 006, stock no. k 06000002	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	b.I Type-B, Rewirable Fuse Cut Out holder, 100 Amps per phase	Each	0		
	b.II -ditto-, 60 Amps	Each	0		
	c. 37 mm GI pipe with one socket	Per Meter	0		
	d. 37 mm GI Elbo, drg. No. k 007, sheet 1, stock no. 22000002	Each	0		
	e. 37 mm GI Elbo, drg. No. k 007, sheet 1, stock no. 23000002	Each	0		
	f. 37 mm GI band, drg. No. k 007, sheet 2, stock no. 24000002	Each	0		
	g. 37 mmx150mm GI pipe lock nut etc. drg. No. k 007, sheet 2, stock no. 25000002	Each	0		
	h. Backelite bushing, drg. No. k 007, sheet 1, stock no. 26000002	Each	0		
	i. Strain clamp, drg. No. k 003, sheet 4.	Each	0		
	j. 3-bolt pipe clam, drg. No. k 007, sheet 1, stock no. 28000002	Each	0		
	k. half clam, drg. No. k 007, sheet 2, stock no. k 29000002	Each	0		
	l. grounding clamp, drg. No. k 007, sheet 1, stock no. 30000002	Each	0		
	m. guy wire 7/10 swg	Per KG	0		
	n. pole band shackle insulator	Each	0		
	o. 19mmx95mm GI Channel	Each	0		
	p. shackle insulator, drg. No. l 006	Per KG	0		
	q. wage clam drg. No. k 003, stock no. k 20000000	Each	0		
	r. assorted materials like cement mortar, glue, etc.	Each	0		
	s.i quadplex 4 sq.mm	Per Meter	0		
	s.ii quadplex 10 sq.mm	Per Meter	0		
	s.iii quadplex 16 sq.mm	Per Meter	0		
	t. 8 swg copper wire	Per KG	0		
	u. 10 swg copper wire	Per KG	0		
	v. soprit bolt connector, drg. No. k 003, sheet 4, stock no. k 21000000	Each	0		
	w. grounding rod, drg. S 004, stock no. s 13030000	Each	0		

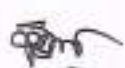
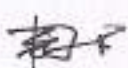
Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	x. 75mm wooden screw	Each	0		
6.2	Installation of Meter Box with Meter (detail described in common schedule of rates'2014)		0		
	a) Single Phase, All Size	Each	0		
	b) Three Phase, All Size	Each	0		
6.3	Replacement/Reinstallation of Meter/Pole Meter (detail described in common schedule of rates'2014)		0		
	a) Single Phase, All Size	Each	12		
	b) Three Phase, All Size	Each	12		
6.4	Replacement/Reinstallation of MCCB (detail described in common schedule of rates'2014)		0		
	a) Single Phase, All Size	Each	0		
	b) Three Phase, Up to 60A	Each	0		
	c) Three Phase, Above 60A	Each	90		
6.5	Installation of Service Bail (Detail described in common schedule of rates'2014)		0		
	i) By Using Two Crimpit	Sets	0		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.6	Installation of Insulated Service Bail (Detail described in common schedule of rates'2014)		0		
	i) By Using Two Crimpit	Each	300		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.7	Installation of Insulated Line Tape and Insulated Compression Connector.		0		
	a) Compression Connector for all Conductor	Each	600		
	b) Insulated Line Tape for all Conductor	Each	300		
	c) Existing Insulated Line Tape Positioning and Tightening in Proper Position	Each	35		
6.8	Installation / Replacement/Reinstallation of Service Box / Quadruplex /3-Phase Service from Pole to Box (Detail described in common schedule of rates'2014)		0		
	a) Installation	Each	0		
	b) Re-Installation / Shifting	Each	0		
6.9	Transfer of Existing Service to and Termination in Service Box (Detail described in common schedule of rates'2014)		0		
	a) Single Phase	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	b) Three Phase	Each	0		
6.10	Installation of 11KV Consumer Metering Detail described in common schedule of rates'2014	Each	0		
6.11	Installation Consumer Metering through Cable at single pole	Each	0		
6.12	Installation of Capacitor Bank:		0		
	Capacitor Bank: All materials should carry from central store of DESCO and installation as per drawing and instruction of Project Director or it's representative. (Detail described in common schedule of rates'2014)		0		
	i) Installation of Capacitor Bank,	Each	25		
	ii) Recovery of Capacitor Bank	Each	27		
	iii) Replacement/Reinstallation/Relocation of Capacitor Banks as a shiftings/renovation works	Each	27		
6.13	Relocation/Replacement/Reinstallation of Insulated Service Bail as a shifting works		0		
	i) By Using Two Crimpit	Each	123		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.14	Relocation/Replacement/Reinstallation of Insulated Line Tape and Insulated Compression Connector as a shifting works.		0		
	a) Compression Connector for all Conductor	Each	66		
	b) Insulated Line Tape for all Conductor	Each	60		
	c) Existing Insulated Line Tape Positioning and Tightening in Proper Position	Each	60		
7	Pole Mounted Sub-Station		0		
7.1	Testing of Earth Resistance (detail described in common schedule of rates'2014)	Each	30		
7.2	Installation/Replacement/Reinstallation of 400V Cables between the Transformer, 400V Bushings and the MCCB (Detail described in common schedule of rates'2014)		0		
	a) 17.7M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.7M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	613		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	c) 17.7M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
7.3	Inatallation/Replacement/Reinstallation of 400V Cables between the MCCB and 400V Overhead Lines (Detail described in rate schedule 2014)		0		
	a) 17.5M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.5M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	613		
	c) 17.5M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
7.4	Recovery of Cross Arm for HV DOFC and LA (detail described in common schedule of rates'2014)	Each	24		
7.5	Fabrication and Installation of Cross-Arm for Fixing LA and DOFC (detail described in common schedule of rates'2014)	Each	256		
7.6	Installation and Removal of the Lightning Arrester (All Size) (detail described in common schedule of rates'2014)		0		
	a) Installation	Each	757		
	b) Removal of One Arrester	Each	54		
	c) Removal of Arrester from Pole Top Assembly	Each	90		
	d) Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	180		
7.7 (A)	Installation of LV MCCB (detail described in common schedule of rates'2014)		0		
	a) 100 to 400 A	Each	490		
	b) 0 to 90 A	Each	0		
7.7 (B)	Recovery of LV MCCB (detail described in common schedule of rates'2014)		0		
	a) 100 to 400 A	Each	30		
	b) 0 to 90 A	Each	0		
7.7 (C)	Installation and Recovery of Transformer Platform (detail described in common schedule of rates'2014)		0		
a)	i) Installation (In Line)	Each	392		
	ii) Installation (At Dead end)	Each	98		
b)	Recovery	Each	12		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
c)	Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	42		
7.8	Recovery of 11KV DOFC (detail described in common schedule of rates'2014)	Each	144		
7.9	Installation of 11KV DOFC (detail described in common schedule of rates'2014)		0		
	i) Installation	Each	757		
	ii) Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	180		
7.10	Installation of HT Drop (detail described in common schedule of rates'2014)	Each	1137		
7.11	Installation Pole Mounted Gang Operated Isolator / Load Break Switch (detail described in common schedule of rates'2014)	Each	0		
7.12	Recovery Pole / Pad Mounted Transformer (detail described in common schedule of rates'2014)		0		
	a) Single Phase up to 75 KVA	Each	15		
	b) Three Phase up to 250 KVA	Each	6		
	c) Above 250 KVA up to 500 KVA	Each	6		
7.13	Installation Pole / Pad Mounted Transformer (detail described in common schedule of rates'2014)		0		
	a) Single Phase 15KVA to 37.5 KVA	Each	11		
	a) Single Phase 37.5KVA to 75 KVA	Each	0		
	b) Three Phase up to 250 KVA	Each	245		
	c) Above 250 KVA up to 500 KVA	Each	6		
7.14	Recovery Pole / Pad Mounted Substation up to 500 KVA without Pole (detail described in common schedule of rates'2014)		0		
	a) Up to 250 KVA	Each	0		
	b) Above 250 KVA up to 500 KVA	Each	0		
7.15	Installation Pole / Pad Mounted S/S (detail described in common schedule of rates'2014)	0	0		
	a) Up to 250KVA	Each	0		
	b) 250KVA and above	Each	0		
7.16	Installation of Earthmate detail described in common schedule of rates'2014	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
7.17	Installation of pole/pad mounted sub-station up to 500KVA including Aerial Bundled Conductor except DOFC, LA, Cross Arm for DOFC & Other equipment (detail described in common schedule of rates'2014)		0		
	a) Up to 250KVA (Cable Box Type)	0	0		
	b) 250 to 500 KVA (Cable Box Type)	0	0		
7.18	Supply and Installation of Earthing Materials in work of Distribution SS/Voltage Regulator/Capacitor Bank installation. (detail described in common schedule of rates'2014)	Each	30		
7.19	Installation of Transformer assembly Unit (detail described in common schedule of rates'2014)		0		
	a) Upto 15 KVA (Single Phase)	Each	0		
	b) 25KVA to 37.5 KVA (Single Phase)	Each	0		
	c) Upto 15 KVA Bank (Three Phase)	Each	0		
	d) 25KVA to 37.5 KVA Bank (Three Phase)	Each	0		
	e) Above 37.5 KVA (Single Phase)	Each	0		
	f) Up to 250 KVA (Three Phase)	Each	0		
7.20	Dismantling of Transformer Unit and Return to Store (detail described in common schedule of rates'2014)		0		
	a) Upto 15 KVA (Single Phase)	Each	0		
	b) 25KVA to 37.5 KVA (Single Phase)	Each	0		
	a) Up to 37.5 KVA (Single Phase)	Each	0		
	b) Up to 250 KVA (Three Phase)	Each	0		
7.21	Transformer Unit Dismantling and Reinstallation (Different Size) (detail described in common schedule of rates'2014)		0		
	a) Up to 37.5 KVA (Single Phase)	Each	0		
	b) Up to 250 KVA (Three Phase)	Each	0		
7.22	Replacement/Relocation of Transformer as a shifting works		0		
	a) Single Phase Transformer	Each	9		
	b) Three Phase Transformer	Each	30		
7.23	Replacement/Reinstallation/Relocation of Cross Arm/Fuse mount channel for HV DOFC and LA as a shifting works	Each	84		

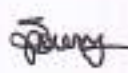
  

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
7.24	Replacement/Reinstallation of LV MCCB as a shifting/renovation works		0		
	a) 100 to 400 A	Each	96		
	b) 0 to 90 A	Each	0		
7.25	Recovery of 400V Cables between the Transformer, 400V Bushings and the MCCB/between the MCCB and 400V Overhead Lines		0		
	a) 17.7M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.7M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	368		
	c) 17.7M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
7.26	Installation of Single Phase Transformer Structure/Hanger	Each	30		
7.27	Re-Installation of Single Phase Transformer Structure/Hanger	Each	30		
8	Cables		0		
8.1	11KV O/H Line cable termination-(Out door) (detail described in common schedule of rates'2014) : Cables jointing of a 3-core aluminium or copper, XLPE/SNA/PVC or PILC. 11 kV cable using heat shrink/ hot pouring/ cold-pouring cable jointing kit to an overhead line.	Each	15		
8.2	11 kV transformer cable terminations: Cable jointing of a 3-core Al or Cu, XLPE/SWA/PVC of PILC 11 kV cable using heat-shrink/ hot-pouring/ cold pouring cable jointing kit & connection termination to the high voltage drop-out fuse of the sub-station.	Each	6		
8.3	11 kV Switch-gear cable terminations (Indoor): Cable jointing of a 3-core Al or Cu, XLPE/SWA/PVC of PVC or PILC 11 kV cable on to the terminals of an 11 kV switchgear using a heat shrink/ hot-pouring/ cold pouring cable jointing kit as per specification & approval of Project Director or it's representative.	Each	15		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
8.4	400V O/H cable terminations (Outdoor): The cable jointing of a low voltage 4 Core Al or Cu, SWA/PVC/PILC cable using a heat shrink/ hot pouring cable linking kit & its installation & connection of the overhead line including assembly mounting. (Detail Description at common schedule of rates' 2014)	Each	6		
8.5	400V transformer cable terminations: As item no 8.4 except the cable ends shall be terminated at the transformer, instead of the overhead line.	Each	6		
8.6	400 V MCCB cable terminations (Indoor): As item No. 8.4 except the cable ends shall be terminated at the MCCB instead of the overhead lines.	Each	6		
8.7	a) Breaking of pucca surface: Includes breaking out of pucca surface of dimension given by the Engr. /Consultant and as per his instruction. Includes temporary repairs to road surface until attended to by the road authority.	Sq.M	285		
	b) Excavation and back-filling:		0		
	i) Earth excavation	Cu.M	285		
	ii) Back filling	Cu.M	150		
8.8	Recovery of 400V cable (including cable joints): This includes The recovery, drumming and returning to dept store of the cable of all sizes and terminal. All in accordance with the specification and directions of Engr. /Consultant.	Meter	300		
8.9	Recovery of Under ground cable(with Cable Joint).		0		
	a) 11/0.4/0.23kV Underground Cable including service drop (Circuit basis, All size)	Meter	600		
	b) 33 KV Single Core	Meter	600		
	c) 33KV Three Core	Meter	0		
8.10	a) Transportation and laying of underground cables		0		
	i) 11/0.4/0.23kV Underground Cable including service drop (Circuit basis, All size)	Meter	600		
	ii) 33KV Single core	Meter	300		
	iii) 33KV 3-core XLPE(Copper)	Meter	0		
	b) Supply of Viti Sand, Prepare at least 6(six) inchs bed prior to cable laying and removing of all unnecessary materials with contractor's own cost.	Cu.M	285		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	c) Supply and laying of first class bricks	1000 Nos.	0		
	d) GI/SS/RCC/ PVC pipe transportation and installation	Meter	0		
	e) Supply/ carrying and laying of PVC/GI/RCC pipes		0		
	i) 150mm(6-inch) dia. GI pipe	Meter	0		
	ii) 100mm dia. GI pipe	Meter	0		
	iii) 150 mm Dia. RCC pipe	0	0		
	iv) 225 mm Dia. RCC pipe	Meter	0		
	v) 100mm Dia. PVC pipe	Meter	300		
	vi) 150 mm Dia. PVC pipe	Meter	300		
	vii) 200 mm Dia. PVC pipe	Meter	0		
8.11	Installation of 11kV straight through - joint (underground): Includes for maintenance of the jointing pit; the asking of straight joint between two 11 kV cable using heat shrink/hot pouring/cold pouring cable jointing kit, all necessary balling, pumping.		0		
	i) 11 kV all sizes	Each	18		
	ii) 0.4KV LT all sizes	Each	0		
	iii) 33KV Single core	Each	9		
	iv) 33KV 3-core XLPE(Copper)	Each	0		
8.12	Transportation and installation of 11 KV (all size) XLPE arial cable: (detail described in common schedule of rates'2014)	Meter	0		
8.13	Installation of intermediate support of 11 kV(all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.14	Installation of Terminal support of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.15	Installation of switchGear termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.16	Installation of Transformer termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.17	Installation of Overhead line termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
8.18	Thrust Boring in order to cross a Rail line (detail described in common schedule of rates'2014)		0		
	a) up to 150 mm ±5%	Meter	150		
	b) up to 300 mm±5%	Meter	150		
8.19	Disconnection of 11 kV cable termination form switchgear/cable box: Includes Disconnection of cable, cutting off of the tails, sealing of the cable end and through cleaning of the insulators and the inside and outside of the cable box.		0		
	a) Heat-shrink joint	Each	15		
	b) compound joint	Each	0		
8.2	RCC Block		0		
	a) Supply, laying and carrying of RCC blocks: Reinforce Cement concrete works (1:1.5:3) having with cement (conforming to BDS 232)m best quality quarse sand (50%) quality of local sand (F.M-1.5) and 50% quality of sylhet sand down grade picked jhama chips including breading chips and screening shuttering, supplying polyethylene sheet for making , mixing the aggregates with mixer machine, acsting in forms, compacting by cont. 23 vibrator machineand curing at least 28 days (Excluding the cost of reinforcement and fabrication). The reinforcement bar to be used in the for making such RCC slab is 3/8" placing 150 mm a part and the thickness of the block will be at least 63mm. (PWD rate Shedule)	Cu.M	21		
	b) Making of Forma with necessary support	Sq.M	42		
8.21	Supply,Cutting, Bending and fixing of MS Rod (PWD) Rate Schedule.	Quintal	24		
8.22	Supply of PIB Tape	Roll	60		
8.23	Testing & Commissioning of 11 KV and/or 33KV U/G Cable Line before final energization as per direction & instruction of the Engineer.	L.S.	9		
8.24	Relocation/Replacememnt of underground cable such as HT consumer cable, Feeder/Source cable as a shifting works including Breaking of pucca surface, Earth excavation, Back filling and related works.	Each	85		
9	GENERAL		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
9.1	Trimming of tree branches adjacent to an O/H line Includes the cutting, trimming and stacking of tree branches over or within a radial distance of 3m or 2m of the O/H line.		0		
	a) For 11 kV line (3m on each side)	KM (Wire)	3		
	b) For 400 V line (2m each side)	KM (Wire)	3		
9.2	Tree cutting and uprooting: Includes Cutting and uprooting of a complete tree by excavating soil around the tree to a depth of at least 0.6m and cutting through the tree trunk below ground level.		0		
	a) For diameter of tree trunk up to 2ft/0.5m	Each	0		
	b) For diameter of tree trunk above 2ft/0.5m	Each	0		
10	Installation of SS on ground and 11KV switchgear		0		
10.1	Full setup of Substation including 11KV Ring Main Unit (RMU) and 1*11/0.4KV Transformer; Transportation, Loading, Unloading, Installation, Earthing, measurement of earth resistance, oil test/filling, other related works as well directed Project Director or it's representative.		0		
	a) Up to 500KVA	Each	0		
	b) 500KVA to 1000KVA	Each	0		
	c) Installation of High Voltage Metering unit with busbar	Each	0		
12	Fabrication of line Materials and supplying to the store.		0		
12.1	Hot dip galvanized 11 kv straight type cross arm with accessories	Sets	15		
12.1.1	Hot dip galvanized 11 kv tension type cross arm with accessories	Sets	15		
12.2	a) Hot dip galvanized Guy assembly except guy wire guy preformed and insulator as per drawing No G001	Sets	0		
12.2.1	Ridge Iron including Two Nos. of Nut & Bolts with Hot Dip Galvanization.	Sets	0		
12.2.2	a) Hot Dip Galvanized Clamp type Ridge Iron as per Drawing no H005, Stock No-01000100 (Top Mount Bracket with accessories)	Sets	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
12.2.3	a) Hot dip galvanized clamp type side mount bracket as per drawing (Side Mount Bracket with accessories)	Sets	0		
12.2.4	a) Hot dip galvanized side mount bracket with nut and bolt as per drawing	Sets	0		
12.2.5	a) Hot dip galvanized 5-spool dead-end rack with accessories as per drawing	Sets	0		
12.2.6	a) Hot dip galvanized 5-spool iron rack with accessories as per drawing	Sets	0		
12.2.7	a) Hot dip galvanized Pole band with accessories (Pole Bracket Strup) as per drawing	Sets	1500		
12.2.8	a) Hot dip galvanized clamp as per drawing	Sets	0		
12.2.9	a) Hot deep galvanized 16 x 63 mm nuts & bolts inclding washer as per direction of Project Director or it's representative/Consultant.	Sets	0		
12.2.10	a) Hot dip galvanized Pole band with stud (Half Stud Clamp) & accessories as per drawing	Sets	1350		
12.2.11	a) Hot dip galvanized 4-way pole band with nut bolt & accessories as per drawing	Sets	0		
12.2.12	Extension Link:		0		
	a) Hot dip galvanized extension link as per drawing (50X6X253mm Flat Bar)	Nos.	300		
12.2.13	a) Hot dip galvanized extension link as per drawing (50X6X506mm Flat Bar)	Nos.	300		
12.2.14	a) Hot dip galvanized eye bolt with two nuts as per drawing (280 mm long)	Nos.	0		
12.2.15	a) Hot dip galvanized Guy fitting as per drawing	Nos.	0		
12.2.16	a) Hot dip galvanized platform including X-arm, J-bolt, clamp, nut-bolt & B etc. for isolator as per drawing. (Dist. Substation Accessories set)	Sets	0		
12.2.17	a) Hot dip galvanized parallel cross-arm with two bracing.	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		
12.2.18	Accessories for 11 kV Metering as per drawing:		0		
	a) With hot dip galvanized	Sets	0		
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		

PWT Procurement of works & related service for Construction, Renovation & Dismantling of 11kV, 11/0.4kV, 0.4kV U/M & U/G Lines and Installation of Distribution X-Formers

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
12.2.19	11 kV metering unit as per drawing for one pole:		0		
	a) With hot deep galvanized	Sets	0		
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		
12.2.20	Installation/Reinstallation of Capacitor Bank:		0		
	a) With hot deep galvanized	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		
12.2.21	Installation of OCR Fixating Assembly:		0		
	a) With hot deep galvanized	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		
12.2.22	Clamp as per Drawing:		0		
	a) With hot dip galvanized	Sets	0		
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		
12.2.23	50 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	0		
	b) With tow coat of aluminium paint over one coat or red oxide	Each	0		
12.2.24	75 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	300		
	b) With two coat of aluminium paint over one coat of red oxide	Each	0		
12.2.25	254 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	300		
	b) With tow coat of aluminium paint over one coat or red oxide.	Each	0		
12.2.26	260 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	0		
	b) With two coat of aluminium paint over one coat of red oxide	Each	0		
12.2.27	300 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	300		
	b) with paint	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
12.2.28	Guy wire supplying (7/10)	KM	0		
13	Automatic Voltage Regulator (Without civil works)		0		
	Erection and installation of Automatic Voltage Regulator (AVR) with or without structure (PAD/Structure Mounted; as required) including supply of fittings of accessories (as required) subsequent power connections and earth connection with ground bus with appropriate strings and clamps as shown in the drawings. The rate includes of necessary carrying, loading and unloading of automatic voltage regulator along with all accessories as required from DESCO store to site including cutting, fabrication and drilling as per direction of Project Director or it's representative.	Set (3 Nos.)	0		
14	Installation of Gang/Offload Isolator		0		
	Carrying of Gang Isolator from Central Store, DESCO, Installation of 01(One) set pole top mounting Steel structure, installation of 01 (One) nos three Phase switch unit with bolt, installation of Gang Operating mechanism connecting rod and operating handle (Everything should be done as per drawing). Installation of Switch Unit so that the mechanism works properly, Connection of Conductor with switch unit with bolt/compression type connector and required adjustment of operating mechanism rod (as required) (All works as per drawing and the instruction of Project Director or it's representative).	Nos.	3		
Total of Schedule Lot-B =					
Total Cost in words:					

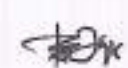
Bill of Quantity (BOQ) For Lot- C (Central Zone)

Tender No.: 01/2026 (WD-3: DPSESP)

Lot-C: Central Zone (S&D Division, Baridhara/Bashundhara/Khilkhet/Gulshan/Joarshahara/Badda)

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
1	Poles				
1.1	Recovery of all sized Poles (detail described in common schedule of rates'2014)				
1.1.1	a) Steel/Wooden Pole				
	i) 9/10 M (30 Feet, any class)	Each	57		
	ii) 11 M (35 Feet, any class)	Each	0		
	iii) 12 M (40 Feet, any class)	Each	82		
	iv) 15 M (50 Feet, any class)	Each	4		
	b) RCC/SPC/PC Pole		0		
	i) 9/10 M (30 Feet, any class)	Each	88		
	ii) 11 M (35 Feet, any class)	Each	0		
	iii) 12 M (40 Feet, any class)	Each	162		
	iv) 15 M (50 Feet, any class)	Each	25		
	v) Recovery of any size pole and preservation at nearest safe place	Each	0		
1.1.2	Recovery of 11KV Tower (detail described in common schedule of rates'2014)	Each	0		
1.1.3	Recovery of 33KV Tower including cross arm, insulators (detail described in common schedule of rates'2014)	Each	8		
1.2	Installation of Poles (detail described in common schedule of rates'2014)		0		
i)	33 KV HT Poles in all respect	Each	10		
ii)	a) 11 KV HT Poles (Straight)		0		
	i) Steel/Wooden 12 m	Each	433		
	ii) Steel/Wooden 15 m	Each	4		
	iii) RCC/SPC/PC Poles 12 m	Each	91		
	iv) RCC/SPC/PC Poles 15 m	Each	4		
iii)	b) 11 KV HT Poles (Angle, Section & Terminal)		0		
	i) Steel/Wooden 12 m	Each	790		
	ii) Steel/Wooden 15 m	Each	4		
	iii) RCC/SPC/PC Poles 12 m	Each	180		
	iv) RCC/SPC/PC Poles 15 m	Each	4		
iv)	c) 0.4KV LT Poles (Straight)		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	(i) Steel/Wooden 10/11 m	Each	99		
	(ii) RCC/SPC/PC Poles 10/11 m	Each	38		
v)	d) 0.4KV LT Poles (Angle, Section & Terminal)		0		
	(i) Steel/Wooden 10/11 m	Each	125		
	(ii) RCC/SPC/PC Poles 10/11 m	Each	38		
1.3	Replacement/Reinstallation/Relocation as a shiftings/ renovation works		0		
1.3.1	Steel Pole/Wooden Pole		0		
	i) 9/10 m	Each	72		
	ii) 12 m	Each	90		
	iii) 15 m	Each	0		
1.3.2	RCC/SPC/PC Pole		0		
	i) 9/10 m	Each	93		
	ii) 12 m	Each	120		
	iii) 15 m	Each	10		
1.4	Straightening of poles (detail described in common schedule of rates'2014)		0		
1.4.1	Straightening of poles (In-line)		0		
	a) 11 KV or 0.4 KV Poles	Each	71		
	b) 11/0.4 KV Poles	Each	43		
1.4.2	Straightening of poles (Transverse)	0	0		
	a) 11 KV or 0.4 KV Poles	Each	43		
	b) 11/0.4 KV Poles	Each	28		
1.5	Re-inforced concrete pole base (detail described in PWD schedule of rates'2022)		0		
	a) RCC work forma except cost of MS Rod (ratio 1:2:4)	Cu.M	50		
	b) Making of Forma with necessary support	Sq. M	100		
	c) Supply, Cutting, bending & Fixing of MS Rod (60 grade)	Quintal	44		
1.6	Concrete Muffling (detail described in PWD schedule of rates'2022)		0		
	a) RCC work forma except cost of MS Rod (ratio 1:2:4)	Cu.M	200		
	b) Making of Forma with necessary support	Sq.M	200		
1.7	Excavation of Earth (detail described in PWD schedule of rates'2022)	Cu.M	200		



Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
1.8	Installation of Lay Pole (detail described in common schedule of rates'2014)		0		
	a) LT Pole	Each	20		
	b) HT Pole	Each	45		
1.9	Recovery of all type of Lay Poles (detail described in common schedule of rates'2014)	Each	44		
1.10	Painting of pole numbering and danger marking plate (detail described in common schedule of rates'2014)		0		
	a) Painting of new pole numbering and danger marking plate	Each	0		
	b) Painting of old pole numbering and danger marking plate	Each	0		
1.11	Installation of anti-climbing devices (detail described in common schedule of rates'2014)	Each	0		
1.12	Recovery of anti-climbing devices (detail described in common schedule of rates'2014)	Each	0		
1.13	Recovery of Cradle Gurd type Catch-Gurd (detail described in common schedule of rates'2014)	100 Sq.M	4		
1.14	Installation of Cradle Gurd type Catch-Gurd (detail described in common schedule of rates'2014)		0		
	a) Installation of Cradle Gurd type Catch-Gurd (all material supplied from dept. store)	100 Sq.M	0		
	b) Installation of Cradle Gurd type Catch-Gurd (all material supplied by Contractor)	100 Sq.M	4		
1.15	Recovery of 400V Box Type Catch-Gurd (detail described in common schedule of rates' 2014)	Each	0		
1.16	Installation of 400V Box Type Catch-Gurd (detail described in common schedule of rates'2014)		0		
	a) Installation of 400V Box Type Catch-Gurd (all material supplied from dept. store)	Each	0		
	b) Installation of 400V Box Type Catch-Gurd (all material supplied by Contractor)	Each	0		
1.17	33 KV and 11/0.4 KV Pole Earthing (detail described in common schedule of rates'2014)		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	a) Pole Earthing Installation (all material supplied from dept. store)	Each	0		
	b) Pole Earthing Installation (all material supplied by Contractor)	Each	0		
1.18	Painting of Poles and Associated Fittings (detail described in common schedule of rates'2014)		0		
	a) HT Poles	Each	0		
	b) LT Poles	Each	0		
	c) HT Fittings	Each	0		
	d) LT Fittings	Each	0		
	e) Transformer Platform and Fittings	Each	0		
	f) Transformer (All type) 11/0.4 KV	Each	0		
1.19	Relocation of Lay Pole as a shifting /renovation works.		0		
	a) LT Pole	Each	56		
	b) HT Pole	Each	11		
2	Stays: (detail described in common schedule of rates'2014)		0		
2.1	Recovery of Angle Stay	Each	50		
2.2	Installation of Angle Stay	Each	450		
2.3	Replacement/Reinstallation of Anchor unit (detail described in common schedule of rates'2014)		0		
	i) with 3.5 feet log rod	Each	20		
	ii) with 6 feet log rod	Each	20		
2.4	Replacement/Reinstallation of Angle stay (Recovery and Re-installation)	Each	50		
2.5	Recovery of Horizontal Stay Excluding Stay Poles	Each	20		
2.6	Installation of Horizontal Stay (Flying Stay) Excluding Stay Poles	Each	90		
2.7	Replacement/Reinstallation of Horizontal Stay (Flying Stay) Excluding Stay Poles	Each	20		
2.8	Installation of Shackle Insulator for Stay (detail described in common schedule of rates'2014)	Each	80		
2.9	Retensioning of Existing Stay (detail described in common schedule of rates'2014)	Each	40		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
2.10	Recovery of existing guy set including insulators for 33kV line.	Each	0		
3	Installation and Recovery of Cross Arm, Brackets Racks etc. with Poles (detail described in rate schedule of rates 2014)		0		
3.1	Recovery of Cross Arm/LT Racks/Side Mount Brackets and Top-mount Brackets/Terminal Cross Arms (detailed described in common schedule of rates' 2014)		0		
	a) 11 KV Side mount & Top mount bracket (in line Position)	Sets	65		
	b) 11 KV Angle Assembly (1 set=2 side 3-phase)	Sets	43		
	c) 11 KV Terminal Assembly	Sets	43		
	d) 11 KV H-Pole Assembly	Sets	43		
	e) LT Line Connection (in Line Position)	Each	73		
	f) LT Line Angle Position	Each	24		
	g) LT Terminal Connection	Each	25		
	h) 11 KV Straight type cross-arm	Each	43		
	i) 11 KV Angle type cross-arm	Each	43		
	j) 11 KV Line 3-Way Section**	Sets	33		
	k) 11 KV Line 4-Way Section**	Sets	32		
	l) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	9		
	m) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	11		
	n) 33 KV Cross-arm in all respect including clamp, insulators & others	Each	20		
3.2	A) Installation of 33KV & 11KV Cross Arm/ LT Racks / Side Mount Brackets and Top Mount Brackets / Terminal Cross Arms, where the shut down of electricity is required (detailed described in common schedule of rates' 2014)		0		
	a) 11 KV in Line Assembly	Sets	355		
	b) 11 KV 0-30 deg. Position	Sets	335		
	c) 11 KV 30 to 60 deg Assembly	Sets	100		
	d) 11 KV 60 to 90 deg Assembly	Sets	95		
	e) 11 KV Dead end Position	Sets	161		
	f) 11 KV Line 3-Way Section**	Sets	17		
	g) 11 KV Line 4-Way Section**	Sets	17		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	h) 11 KV Tee-off Position	Sets	141		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	305		
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	220		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	210		
	l) LT Line Dead end Position (11/0.4 KV or 0.4 KV)	Each	385		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	100		
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	95		
	o) 33 KV Cross-arm in all respect	Each	20		
	B) Installation of 33 KV & 11 KV Cross Arm/LT Racks Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms, where the shut down of electricity is not required (detailed described in common schedule of rates*2014)		0		
	a) 11 KV in Line Assembly	Sets	480		
	b) 11 KV 0-30 deg. Position	Sets	430		
	c) 11 KV 30 to 60 deg Assembly	Sets	213		
	d) 11 KV 60 to 90 deg Assembly	Sets	213		
	e) 11 KV Dead end Position	Sets	198		
	f) 11 KV Line 3-Way Section**	Sets	30		
	g) 11 KV Line 4-Way Section**	Sets	30		
	h) 11 KV Tee-off Position	Sets	95		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	570		
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	260		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	255		
	l) LT Line Dead end Location (11/0.4 KV or 0.4 KV)	Each	535		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	110		
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	95		
	o) 33 KV Cross-arm in all respect	Each	20		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
3.3	Re-placement/Relocation of Cross Arm (33 KV & 11 KV) / LT Racks/ Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms, where the shut down of electricity is required/not required (detailed described in common schedule of rates'2014)		0		
	a) 11 KV in Line Assembly	Sets	84		
	b) 11 KV 0-30 deg. Position	Sets	84		
	c) 11 KV 30 to 60 deg Assembly	Sets	69		
	d) 11 KV 60 to 90 deg Assembly	Sets	59		
	e) 11 KV Dead end Position	Sets	135		
	f) 11 KV Line 3-Way Section**	Sets	14		
	g) 11 KV Line 4-Way Section**	Sets	15		
	h) 11 KV Tee-off Position	Sets	62		
	i) LT Line in Line Position (11/0.4 KV or 0.4 KV)	Sets	65		
	j) LT Line in 0 to 60 deg. Position (11/0.4 KV or 0.4 KV)	Each	45		
	k) LT Line in 60 to 90 deg Position (11/0.4 KV or 0.4 KV)	Each	23		
	l) LT Line Dead end Location (11/0.4 KV or 0.4 KV)	Each	100		
	m) LT Line 3-Way Section (11/0.4 KV or 0.4 KV)**	Each	6		
	n) LT Line 4-Way Section (11/0.4 KV or 0.4 KV)**	Each	5		
	o) 33 KV Cross-arm in all respect	Each	10		
3.4	Recovery of accessories for Cross Arm (33 KV & 11 KV) / LT Racks/ Side Mount Brackets and Top Mount Brackets /Terminal Cross Arms/any other fittings.		0		
	a) LT accessories (1set= up to 4nos./subject to the pole fittings)	Sets	62		
	b) HT accessories (1set= up to 3nos./subject to the pole fittings)	Sets	55		
4	Insulators		0		
4.1	Recovery of 33kV/11KV Pin/400V Insulators (detail described in common schedule of rates'2014)		0		
i)	33 KV in all respect** (1set=03nos.)	Sets	40		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	a) 11 KV Pin Insulator (3 Nos. in a set)	Sets	35		
	b) 400 V Shackle Insulator (4/5 in a set)	Sets	39		
4.2	Installation of 11KV Pin /400V Insulators (detail described in common schedule of rates'2014)		0		
	a) 11 KV Pin Insulator (3 Nos. in a set)	Sets	1620		
	b) 400 V Shackle Insulator (4/5 in a set)	Sets	3140		
4.3	Replacement/Reinstallation of 11KV/33KV Pin Insulator / 400 V Shackle Insulator (detail described in common schedule of rates'2014)		0		
	a) 11 KV Pin Insulator	Sets	69		
	b) 400 V Shackle Insulator	Sets	123		
	c) 33KV Pin Insulator	Sets	20		
4.4	Recovery of 33 KV & 11 KV Disc Insulator in all respect (detail described in common schedule of rates'2014)		0		
i)	33 KV in all respect** (1set = 09nos.)	Sets	40		
ii)	11 KV in all respect		0		
	a) Terminal (1 set, 3-Phase)	Sets	152		
	b) Section (1 set, 2 side, 3-phase)	Sets	152		
4.5	Installation of 33 KV & 11 KV Disc Insulator (detail described in common schedule of rates'2014)		0		
	33 KV and 11 KV in all respect		0		
	a) Terminal (1 set, 3-Phase)	Sets	672		
	b) Section (1 set, 2 side, 3-Phase)	Sets	402		
	c) Tee-off (1 set, 2-side, 3-Phase)	Sets	236		
4.6	Replacement/Reinstallation of 11KV & 33KV Disc Insulator (detail described in common schedule of rates'2014)		0		
	a) 11kv Disk Insulator	Sets	106		
	b) 33kv Disk Insulator	Sets	10		
4.7	Installation of 11KV Pin Insulator and Bracket (for Pilot jumpering)	Each	135		
5	Conductor		0		
5.1	Re-tensioning of Overhead Conductors (detail described in common schedule of rates'2014)		0		

10/3 Procurement of works & related service for Construction, Renovation & Overhauling of 11KV, 11/0.4KV, 0.4KV/0/11 & 0/0.4KV Lines and Installation of Distribution X-Frame

9/5

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	a) ACSR (DOG)/HT ABC (Ariel Bundled conductor), Copper No. 3/0, 2/0, 1,2/10, 7/8,136/Equivalent Conductors	KM	18		
	b) ACSR (Rabbit)/ AAC (WASP) / (Earwing), Copper No. 3 & 4/Equivalent Conductors	KM	17		
	c) ANT / LT ABC (Ariel Bundled conductor) /Fly / Mosquito / GNAT / Earthwire / Gopper/Equivalent Conductors	KM	6		
	d) ACSR Merlin / Wolf Conductor/Equivalent Conductors	KM	10		
	e) Insulated Wasp or Equivalent Conductors	KM	18		
	f) Insulated Ant / Fly / Mosquito / Gnat or Equivalent Conductors	KM	5		
5.2	Installation of Mid Span Joints (detail described in common schedule of rates'2014)	Nos.	580		
5.3	Installation of Line Tape / PG Clamp / Compression Connectors / Insulation Joints (detail described in common schedule of rates'2014)		0		
	a) Compression Connector for all Conductors	Each	2350		
	b) Line Tape / PG Clamps for all Conductors	Each	2210		
	c) Tightening of Existing Line Tape / PG Clamps	Each	90		
5.4	Recovery of Overhead Earth Wire / Conductors (detail described in common schedule of rates'2014)		0		
i)	33 KV Wolf / Merline	KM	4		
ii)	a) DOG/WASP/HT ABC (Ariel Bundled conductor)/Equivalent Conductors	KM	5		
	b) Rabbit /ANT/ LT ABC (Ariel Bundled conductor) /Equivalent Conductors	KM	7		
	c) Fly/Mosquito/Earth Wire/Gopper/ Equivalent Conductors	KM	2		
	d) Others (Out of Standards)	KM	2		
5.5	Installation of Overhead Earth Wire / Conductors (detail described in common schedule of rates'2014)		0		
	a) ACSR Merlin/Equivalent Conductors	KM	72		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	b) Dog/ Wasp / 4/0 AAC/Equivalent Conductors	KM	39		
	c) Rabbit / Ant / 1/0 ACSR/1/0 AAC/ Equivalent	KM	10		
	d) Goffer/Gnet/ 6 Quad Duplex/Equivalent Conductors and Earth wire	KM	0		
	e) 6 Duplex /6 Sq.mm Duplex	KM	0		
	f) 3 Duplex / 4 Sq.mm Duplex	KM	0		
5.6	Installation of Insulated Overhead Conductors (detail described in common schedule of rates'2014)		0		
	a) Wasp/Earwing/Dog/Equivalent Insulated Conductors	KM	110		
	b) ANT /Gnet/Equivalent Insulated Conductors	KM	14		
	c) HT/LT Bundled Conductor including necessary Fittings	KM	17		
5.7	Recovery/Reinstallation of Overhead Conductors/ Earth Wire		0		
	i) Dog/Wasp/HT ABC (Ariel Bundled Conductor)/Equivalent	KM	20		
	ii) Rabbit/Ant/LT ABC (Ariel Bundled Conductor)/Equivalent	KM	11		
	iii) Goffer/Gnet/ 6 Quad Duplex/Equivalent Conductors and Earth wire	KM	0		
	iv) Merlin/Equivalent	KM	7		
5.8	Installation of neutral earthing on pole (detail described in common schedule of rates'2014)	Each	0		
5.9	Recovery of accessories for conductor fittings.		0		
	a) LT accessories (1set= up to 4nos./subject to the pole fittings)	Sets	48		
	b) HT accessories (1set= up to 3nos./subject to the pole fittings)	Sets	93		
6	Services		0		
6.1 (A)	Replacement/Reinstallation of 230V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	650		

Part 3: Procurement of works & related services for Construction, Restoration & Discarding of 11kV, 11/0.4kV, 0.4kV O/R & U/G Lines and Installation of Distribution A-Frame

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	ii) Multi-storied Building (Type-A)	Each	200		
	iii) Multi-storied Building (Type-B)	Each	100		
6.1 (B)	Installation of New 230V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	22		
	ii) Multi-storied Building (Type-A)	Each	22		
	iii) Multi-storied Building (Type-B)	Each	22		
6.1(C)	Replacement/Reinstallation of 400V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied	Each	350		
	ii) Semi Pucca Building	Each	350		
	iii) Multi-storied Building (Type-A)	Each	400		
	iv) Multi-storied Building (Type-B)	Each	500		
6.1 (D)	Installation of New 400V Overhead Service Connection (detail described in common schedule of rates'2014)		0		
	i) Single Storied / Semi Pucca Building	Each	24		
	ii) Multi-storied Building (Type-A)	Each	24		
	iii) Multi-storied Building (Type-B)	Each	24		
6.1.1	Fabrication & Supply of Single Phase Service Connection Materials (detail described in common schedule of rates'2014)		0		
	1) Meter Box Drg. No. K 004, Stock No. K 03000001	Each	0		
	2) Wooden Board of size 450mmx250mmx18mm sheel korai	Each	0		
	3) 25mm GI Pie along with one socket	Each	0		
	4) 25mm GI Elbo Drg. No. K 003, sheet 2, stock no. K 08000001	Each	0		
	5) 25mm GI Elbo Drg. No. K 003, sheet 2, stock no. K 09000001	Each	0		
	6) a. 25 mm PVC Conduit	Each	0		
	6) b. 25mm PVC Elbo	Each	0		
	7) Backelite Bushing Drg. No. K 003, sheet 2, stock no. 10000001	Each	0		
	8) clamp Drg. No. K 003, sheet 1, stock no- 12000001	Each	0		
	9) Half clam Drg. No. K 003, sheet 1, stock no. 13000001	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	10) Earthing clamp, drg. No. k 0003, sheet 2, stock no. k 14000001	Each	0		
	11) Pole band shackle insulator, drg. No. k 003, stock no. 12000001	Each	0		
	12) Shackle Insulator, Drg. No. I 006, stock no. I 03040100	Each	0		
	13) Wage clam drg. No. K 003, sheet no. 3, stock no. K 2000000	Each	0		
	14) Assorted item, rawal plug, cement mortar, nylon roof etc.	Each	0		
	15) 8 SWG Copper wire	Meter	0		
	16) Split bolt connector drg. No. k 003, stock no. 2100000	Each	0		
	17) 25mm GI band drg. No. k 003, sheet 5, stock no. 32000001	Each	0		
	18) clamp made by 14 SWG sheet	Each	0		
	19) 25 mm PVC band	Each	0		
	20) Wooden screw 50 mm	Each	0		
	21) Service drop clamp drg. No. k 003, sheet no. 1, stock no. 16000001	Each	0		
	22) Services Dead End Clamp	Each	0		
6.1.2	Fabrication & supply of 400V, 3-Phase service connection materials		0		
	a).I. Type-A, Meter Cabinet, drg. No. k 005, stock no. k 05000002	Each	0		
	a).II. Type-B, Meter Cabinet, drg. No. k 006, stock no. k 06000002	Each	0		
	b.I Type-B, Rewirable Fuse Cut Out holder, 100 Amps per phase	Each	0		
	b.II -ditto-, 60 Amps	Each	0		
	c. 37 mm GI pipe with one socket	Per Meter	0		
	d. 37 mm GI Elbo, drg. No. k 007, sheet 1, stock no. 22000002	Each	0		
	e. 37 mm GI Elbo, drg. No. k 007, sheet 1, stock no. 23000002	Each	0		
	f. 37 mm GI band, drg. No. k 007, sheet 2, stock no. 24000002	Each	0		
	g. 37 mmx150mm GI pipe lock nut etc. drg. No. k 007, sheet 2, stock no. 25000002	Each	0		
	h. Bakelite bushing, drg. No. k 007, sheet 1, stock no. 26000002	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	i. Strain clamp, drg. No. k 003, sheet 4.	Each	0		
	j. 3-bolt pipe clam, drg. No. k 007, sheet 1, stock no. 28000002	Each	0		
	k. half clam, drg. No. k 007, sheet 2, stock no. k 29000002	Each	0		
	l. grounding clamp, drg. No. k 007, sheet 1, stock no. 30000002	Each	0		
	m. guy wire 7/10 swg	Per KG	0		
	n. pole band shackle insulator	Each	0		
	o. 19mmx95mm GI Channel	Each	0		
	p. shackle insulator, drg. No. l 006	Per KG	0		
	q. wage clam drg. No. k 003, stock no. k 20000000	Each	0		
	r. assorted materials like cement mortar, glue, etc.	Each	0		
	s.i quarduplex 4 sq.mm	Per Meter	0		
	s.ii quarduplex 10 sq.mm	Per Meter	0		
	s.iii quarduplex 16 sq.mm	Per Meter	0		
	t. 8 swg copper wire	Per KG	0		
	u. 10 swg copper wire	Per KG	0		
	v. soprit bolt connector, drg. No. k 003, sheet 4, stock no. k 21000000	Each	0		
	w. grounding rod, drg. S 004, stock no. s 13030000	Each	0		
	x. 75mm wooden screw	Each	0		
6.2	Installation of Meter Box with Meter (detail described in common schedule of rates'2014)		0		
	a) Single Phase, All Size	Each	0		
	b) Three Phase, All Size	Each	0		
6.3	Replacement/Reinstallation of Meter/Pole Meter (detail described in common schedule of rates'2014)		0		
	a) Single Phase, All Size	Each	7		
	b) Three Phase, All Size	Each	7		
6.4	Replacement/Reinstallation of MCCB (detail described in common schedule of rates'2014)		0		

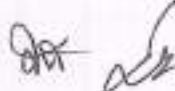
Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	a) Single Phase, All Size	Each	0		
	b) Three Phase, Up to 60A	Each	0		
	c) Three Phase, Above 60A	Each	60		
6.5	Installation of Service Bail (Detail described in common schedule of rates'2014)		0		
	i) By Using Two Crimpit	Sets	0		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.6	Installation of Insulated Service Bail (Detail described in common schedule of rates'2014)		0		
	i) By Using Two Crimpit	Each	300		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.7	Installation of Insulated Line Tape and Insulated Compression Connector.		0		
	a) Compression Connector for all Conductor	Each	600		
	b) Insulated Line Tape for all Conductor	Each	300		
	c) Existing Insulated Line Tape Positioning and Tightening in Proper Position	Each	30		
6.8	Installation / Replacement/Reinstallation of Service Box / Quadruplex /3-Phase Service from Pole to Box (Detail described in common schedule of rates'2014)		0		
	a) Installation	Each	0		
	b) Re-Installation / Shifting	Each	0		
6.9	Transfer of Existing Service to and Termination in Service Box (Detail described in common schedule of rates'2014)		0		
	a) Single Phase	Each	0		
	b) Three Phase	Each	0		
6.10	Installation of 11KV Consumer Metering Detail described in common schedule of rates'2014	Each	0		
6.11	Installation Consumer Metering through Cable at single pole	Each	0		
6.12	Installation of Capacitor Bank:	Each	0		
	Capacitor Bank: All materials should carry from central store of DESCO and installation as per drawing and instruction of Project Director or it's representative. (Detail		0		





Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	described in common schedule of rates'2014)				
	i) Installation of Capacitor Bank,	Each	18		
	ii) Recovery of Capacitor Bank	Each	18		
	iii) Replacement/Reinstallation/Relocation of Capacitor Banks as a shiftings/renovation works	Each	18		
6.13	Relocation/Replacement/Reinstallation of Insulated Service Bail as a shifting works		0		
	i) By Using Two Crimpit	Each	90		
	ii) By Using Single Crimpit for Street Light	Each	0		
6.14	Relocation/Replacement/Reinstallation of Insulated Line Tape and Insulated Compression Connector as a shifting works.		0		
	a) Compression Connector for all Conductor	Each	70		
	b) Insulated Line Tape for all Conductor	Each	40		
	c) Existing Insulated Line Tape Positioning and Tightening in Proper Position	Each	40		
7	Pole Mounted Sub-Station		0		
7.1	Testing of Earth Resistance (detail described in common schedule of rates'2014)	Each	20		
7.2	Installation/Replacement/Reinstallation of 400V Cables between the Transformer, 400V Bushings and the MCCB (Detail described in common schedule of rates'2014)		0		
	a) 17.7M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.7M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	667		
	c) 17.7M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
7.3	Inatallation/Replacement/Reinstallation of 400V Cables between the MCCB and 400V Overhead Lines (Detail described in rate schedule 2014)		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	a) 17.5M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.5M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	667		
	c) 17.5M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
7.4	Recovery of Cross Arm for HV DOFC and LA (detail described in common schedule of rates'2014)	Each	15		
7.5	Fabrication and Installation of Cross-Arm for Fixing LA and DOFC (detail described in common schedule of rates'2014)	Each	285		
7.6	Installation and Removal of the Lightning Arrester (All Size) (detail described in common schedule of rates'2014)		0		
	a) Installation	Each	837		
	b) Removal of One Arrester	Each	36		
	c) Removal of Arrester from Pole Top Assembly	Each	60		
	d) Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	120		
7.7 (A)	Installation of LV MCCB (detail described in common schedule of rates'2014)		0		
	a) 100 to 400 A	Each	534		
	b) 0 to 90 A	Each	0		
7.7 (B)	Recovery of LV MCCB (detail described in common schedule of rates'2014)		0		
	a) 100 to 400 A	Each	20		
	b) 0 to 90 A	Each	0		
7.7 (C)	Installation and Recovery of Transformer Platform (detail described in common schedule of rates'2014)		0		
a)	i) Installation (In Line)	Each	428		
	ii) Installation (At Dead end)	Each	106		
b)	Recovery	Each	8		
c)	Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	32		
7.8	Recovery of 11KV DOFC (detail described in common schedule of rates'2014)	Each	96		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
7.9	Installation of 11KV DOFC (detail described in common schedule of rates'2014)		0		
	i) Installation	Each	837		
	ii) Replacement/Reinstallation/Relocation as a shiftings/ renovation works	Each	120		
7.10	Installation of HT Drop (detail described in common schedule of rates'2014)	Each	1206		
7.11	Installation Pole Mounted Gang Operated Isolator / Load Break Switch (detail described in common schedule of rates'2014)	Each	0		
7.12	Recovery Pole / Pad Mounted Transformer (detail described in common schedule of rates'2014)		0		
	a) Single Phase up to 75 KVA	Each	10		
	b) Three Phase up to 250 KVA	Each	4		
	c) Above 250 KVA up to 500 KVA	Each	4		
7.13	Installation Pole / Pad Mounted Transformer (detail described in common schedule of rates'2014)		0		
	a) Single Phase 15KVA to 37.5 KVA	Each	18		
	a) Single Phase 37.5KVA to 75 KVA	Each	0		
	b) Three Phase up to 250 KVA	Each	267		
	c) Above 250 KVA up to 500 KVA	Each	4		
7.14	Recovery Pole / Pad Mounted Substation up to 500 KVA without Pole (detail described in common schedule of rates'2014)		0		
	a) Up to 250 KVA	Each	0		
	b) Above 250 KVA up to 500 KVA	Each	0		
7.15	Installation Pole / Pad Mounted S/S (detail described in common schedule of rates'2014)		0		
	a) Up to 250KVA	Each	0		
	b) 250KVA and above	Each	0		
7.16	Installation of Earthmate detail described in common schedule of rates'2014	Each	0		
7.17	Installation of pole/pad mounted sub-station up to 500KVA including Aerial Bundled Conductor except DOFC, LA, Cross Arm for DOFC & Other equipment (detail		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	described in common schedule of rates'2014)				
	a) Up to 250KVA (Cable Box Type)	0	0		
	b) 250 to 500 KVA (Cable Box Type)	0	0		
7.18	Supply and Installation of Earthing Materials in work of Distribution SS/Voltage Regulator/Capacitor Bank Installation. (detail described in common schedule of rates'2014)	Each	20		
7.19	Installation of Transformer assembly Unit (detail described in common schedule of rates'2014)		0		
	a) Upto 15 KVA (Single Phase)	Each	0		
	b) 25KVA to 37.5 KVA (Single Phase)	Each	0		
	c) Upto 15 KVA Bank (Three Phase)	Each	0		
	d) 25KVA to 37.5 KVA Bank (Three Phase)	Each	0		
	e) Above 37.5 KVA (Single Phase)	Each	0		
	f) Up to 250 KVA (Three Phase)	Each	0		
7.20	Dismantling of Transformer Unit and Return to Store (detail described in common schedule of rates'2014)		0		
	a) Upto 15 KVA (Single Phase)	Each	0		
	b) 25KVA to 37.5 KVA (Single Phase)	Each	0		
	a) Up to 37.5 KVA (Single Phase)	Each	0		
	b) Up to 250 KVA (Three Phase)	Each	0		
7.21	Transformer Unit Dismantling and Reinstallation (Different Size) (detail described in common schedule of rates'2014)		0		
	a) Up to 37.5 KVA (Single Phase)	Each	0		
	b) Up to 250 KVA (Three Phase)	Each	0		
7.22	Replacemen/Relocation of Transformer as a shifting works		0		
	a) Single Phase Transformer	Each	6		
	b) Three Phase Transformer	Each	18		

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Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
7.23	Replacement/Reinstallation/Relocation of Cross Arm/Fuse mount channel for HV DOFC and LA as a shifting works	Each	48		
7.24	Replacement/Reinstallation of LV MCCB as a shifting/renovation works		0		
	a) 100 to 400 A	Each	50		
	b) 0 to 90 A	Each	0		
7.25	Recovery of 400V Cables between the Transformer, 400V Bushings and the MCCB/between the MCCB and 400V Overhead Lines		0		
	a) 17.7M x 35 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
	b) 17.7M x 95/120 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	400		
	c) 17.7M x 185 Sq.MM Single Circuit Insulated Copper, (1 Set = 4 Nos. of Single Core Cable)	Sets	0		
7.26	Installation of Single Phase Transformer Structure/Hanger	Each	20		
7.27	Re-Installation of Single Phase Transformer Structure/Hanger	Each	20		
8	Cables		0		
8.1	11KV O/H Line cable termination-(Out door) (detail described in common schedule of rates'2014) : Cables jointing of a 3-core aluminium or copper, XLPE/SNA/PVC or PILC. 11 kV cable using heat shrink/ hot pouring/ cold-pouring cable jointing kit to an overhead line.	Each	10		
8.2	11 kV transformer cable terminations: Cable jointing of a 3-core Al or Cu, XLPE/SWA/PVC or PILC 11 kV cable using heat-shrink/ hot-pouring/ cold pouring cable jointing kit & connection termination to the high voltage drop-out fuse of the sub-station.	Each	4		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
8.3	11 kV Switch-gear cable terminations (Indoor): Cable jointing of a 3-core Al or Cu, XLPE/SWA/PVC of PVC or PILC 11 kV cable on to the terminals of an 11 kV switchgear using a heat shrink/ hot-pouring/ cold pouring cable jointing kit as per specification & approval of Project Director or it's representative.	Each	10		
8.4	400V O/H cable terminations (Outdoor): The cable jointing of a low voltage 4 Core Al or Cu, SWA/PVC/PILC cable using a heat shrink/ hot pouring cable linking kit & its installation & connection of the overhead line including assembly mounting. (Detail Description at common schedule of rates' 2014)	Each	4		
8.5	400V transformer cable terminations: As item no 8.4 except the cable ends shall be terminated at the transformer, instead of the overhead line.	Each	4		
8.6	400 V MCCB cable terminations (Indoor): As item No. 8.4 except the cable ends shall be terminated at the MCCB instead of the overhead lines.	Each	4		
8.7	a) Breaking of pucca surface: Includes breaking out of pucca surface of dimension given by the Engr. /Consultant and as per his instruction. Includes temporary repairs to road surface until attended to by the road authority.	Sq.M	190		
	b) Excavation and back-filling:		0		
	i) Earth excavation	Cu.M	190		
	ii) Back filling	Cu.M	100		
8.8	Recovery of 400V cable (including cable joints): This includes The recovery, drumming and returning to dept store of the cable of all sizes and terminal. All in accordance with the specification and directions of Engr. /Consultant.	Meter	200		
8.9	Recovery of Under ground cable(with Cable Joint).		0		
	a) 11/0.4/0.23kV Underground Cable including service drop (Circuit basis, All size)	Meter	400		
	b) 33 KV Single Core	Meter	400		
	c) 33KV Three Core	Meter	0		

PWD Procurement of Goods & related services for Construction, Rehabilitation & Replacement of 11kV, 11/0.4kV, 0.4kV O/H & U/G Lines and Installation of Distribution S-Feeder

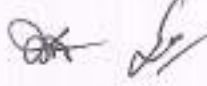
  

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
8.10	a) Transportation and laying of underground cables		0		
	i) 11/0.4/0.23kV Underground Cable including service drop (Circuit basis, All size)	Meter	400		
	ii) 33KV Single core	Meter	200		
	iii) 33KV 3-core XLPE(Copper)	Meter	0		
	b) Supply of Viti Sand, Prepare at least 6(six) inches bed prior to cable laying and removing of all unnecessary materials with contractor's own cost.	Cu.M	190		
	c) Supply and laying of first class bricks	1000 Nos.	0		
	d) GI/SS/RCC/ PVC pipe transportation and installation	Meter	0		
	e) Supply/ carrying and laying of PVC/GI/RCC pipes		0		
	i) 150mm(6-inch) dia. GI pipe	Meter	0		
	ii) 100mm dia. GI pipe	Meter	0		
	iii) 150 mm Dia. RCC pipe	0	0		
	iv) 225 mm Dia. RCC pipe	Meter	0		
	v) 100mm Dia. PVC pipe	Meter	200		
	vi) 150 mm Dia. PVC pipe	Meter	200		
	vii) 200 mm Dia. PVC pipe	Meter	0		
8.11	Installation of 11kV straight through - joint (underground): Includes for maintenance of the jointing pit; the asking of straight joint between two 11 kV cable using heat shrink/hot pouring/cold pouring cable jointing kit, all necessary bailing, pumping.		0		
	i) 11 kV all sizes	Each	12		
	ii) 0.4KV LT all sizes	Each	0		
	iii) 33KV Single core	Each	6		
	iv) 33KV 3-core XLPE(Copper)	Each	0		
8.12	Transportation and installation of 11 KV (all size) XLPE arial cable: (detail described in common schedule of rates'2014)	Meter	0		
8.13	Installation of intermediate support of 11 kV(all size) XLPE aerial cable. (detail	Each	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	described in common schedule of rates'2014)				
8.14	Installation of Terminal support of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.15	Installation of switchGear termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.16	Installation of Transformer termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.17	Installation of Overhead line termination of 11 kV (all size) XLPE aerial cable. (detail described in common schedule of rates'2014)	Each	0		
8.18	Thrust Boring in order to cross a Rail line (detail described in common schedule of rates'2014)		0		
	a) up to 150 mm ±5%	Meter	100		
	b) up to 300 mm±5%	Meter	100		
8.19	Disconnection of 11 kV cable termination form switchgear/cable box: Includes Disconnection of cable, cutting off of the tails, sealing of the cable end and through cleaning of the insulators and the inside and outside of the cable box.		0		
	a) Heat-shrink joint	Each	10		
	b) compound joint	Each	0		
8.2	RCC Block		0		
	a) Supply, laying and carrying of RCC blocks: Reinforce Cement concrete works (1:1.5:3) having with cement (conforming to BDS 232)m best quality quarse sand (50%) quality of local sand (F.M-1.5) and 50% quality of sylhet sand down grade picked jhama chips including breadng chips and screening shuttering, supplying polyethylene sheet for making , mixing the aggregates with mixer machine, acsting in forms, compacting by cont. 23 vibrator machineand curing at least	Cu.M	14		

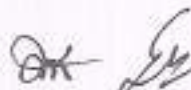
Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	28 days (Excluding the cost of reinforcement and fabrication). The reinforcement bar to be used in the for making such RCC slab is 3/8" placing 150 mm a part and the thickness of the block will be at least 63mm. (PWD rate Shedule)				
	b) Making of Forma with necessary support	Sq.M	28		
8.21	Supply, Cutting, Bending and fixing of MS Rod (PWD) Rate Schedule.	Quintal	16		
8.22	Supply of PIB Tape	Roll	40		
8.23	Testing & Commissioning of 11 KV and/or 33KV U/G Cable Line before final energization as per direction & instruction of the Engineer.	L.S.	6		
8.24	Relocation/Replacememnt of underground cable such as HT consumer cable, Feeder/Source cable as a shifting works including Breaking of pucca surface, Earth excavation, Back filling and related works.	Each	65		
9	GENERAL		0		
9.1	Trimming of tree branches adjacent to an O/H line includes the cutting, trimming and stacking of tree branches over or within a radial distance of 3m or 2m of the O/H line.		0		
	a) For 11 kv line (3m on each side)	KM (Wire)	2		
	b) For 400 V line (2m each side)	KM (Wire)	2		
9.2	Tree cutting and uprooting: Includes Cutting and uprooting of a complete tree by excavating soil around the tree to a depth of at least 0.6m and cutting through the tree trunk below ground level.		0		
	a) For diameter of tree trunk up to 2ft/0.5m	Each	0		
	b) For diameter of tree trunk above 2ft/0.5m	Each	0		
10	Installation of SS on ground and 11KV switchgear		0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
10.1	Full setup of Substation including 11KV Ring Main Unit (RMU) and 1*11/0.4KV Transformer; Transportation, Loading, Unloading, Installation, Earthing, measurement of earth resistance, oil test/filling, other related works as well directed Project Director or it's representative.		0		
	a) Up to 500KVA	Each	0		
	b) 500KVA to 1000KVA	Each	0		
	c) Installation of High Voltage Metering unit with busbar	Each	0		
12	Fabrication of line Materials and supplying to the store.		0		
12.1	Hot dip galvanized 11 kv straight type cross arm with accessories	Sets	10		
12.1.1	Hot dip galvanized 11 kv tension type cross arm with accessories	Sets	10		
12.2	a) Hot dip galvanized Guy assembly except guy wire guy preformed and insulator as per drawing No G001	Sets	0		
12.2.1	Ridge Iron including Two Nos. of Nut & Bolts with Hot Dip Galvanization.	Sets	0		
12.2.2	a) Hot Dip Galvanized Clamp type Ridge Iron as per Drawing no H005, Stock No-01000100 (Top Mount Bracket with accessories)	Sets	350		
12.2.3	a) Hot dip galvanized clamp type side mount bracket as per drawing (Side Mount Bracket with accessories)	Sets	700		
12.2.4	a) Hot dip galvanized side mount bracket with nut and bolt as per drawing	Sets	0		
12.2.5	a) Hot dip galvanized 5-spool dead-end rack with accessories as per drawing	Sets	0		
12.2.6	a) Hot dip galvanized 5-spool iron rack with accessories as per drawing	Sets	0		
12.2.7	a) Hot dip galvanized Pole band with accessories (Pole Bracket Strup) as per drawing	Sets	1500		
12.2.8	a) Hot dip galvanized clamp as per drawing	Sets	0		
12.2.9	a) Hot deep galvanized 16 x 63 mm nuts & bolts inclding washer as per direction of Project Director or It's representative/Consultant.	Sets	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
12.2.10	a) Hot dip galvanized Pole band with stud (Half Stud Clamp) & accessories as per drawing	Sets	1350		
12.2.11	a) Hot dip galvanized 4-way pole band with nut bolt & accessories as per drawing	Sets	0		
	Extension Link:		0		
12.2.12	a) Hot dip galvanized extension link as per drawing (50X6X253mm Flat Bar)	Nos.	200		
12.2.13	a) Hot dip galvanized extension link as per drawing (50X6X506mm Flat Bar)	Nos.	200		
12.2.14	a) Hot dip galvanized eye bolt with two nuts as per drawing (280 mm long)	Nos.	0		
12.2.15	a) Hot dip galvanized Guy fitting as per drawing	Nos.	0		
12.2.16	a) Hot dip galvanized platform including X-arm, J-bolt, clamp, nut-bolt & B etc. for isolator as per drawing. (Dist. Substation Accessories set)	Sets	0		
12.2.17	a) Hot dip galvanized parallel cross-arm with two bracing.	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		
12.2.18	Accessories for 11 kV Metering as per drawing:		0		
	a) With hot dip galvanized	Sets	0		
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		
12.2.19	11 kV metering unit as per drawing for one pole:		0		
	a) With hot deep galvanized	Sets	0		
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		
12.2.20	Installation/Reinstallation of Capacitor Bank:		0		
	a) With hot deep galvanized	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		
12.2.21	Installation of OCR Fixating Assembly:		0		
	a) With hot deep galvanized	Sets	0		
	b) Do with two coat of aluminium paint over one coat of red oxide.	Sets	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
12.2.22	Clamp as per Drawing:		0		
	a) With hot dip galvanized	Sets	0		
	b) With two coat of aluminium paint over one coat of red oxide	Sets	0		
12.2.23	50 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	0		
	b) With tow coat of aluminium paint over one coat or red oxide	Each	0		
12.2.24	75 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	200		
	b) With two coat of aluminium paint over one coat of red oxide	Each	0		
12.2.25	254 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	200		
	b) With tow coat of aluminium paint over one coat or red oxide.	Each	0		
12.2.26	260 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	0		
	b) With two coat of aluminium paint over one coat of red oxide	Each	0		
12.2.27	300 x 16mm nuts & bolts as per drawing:		0		
	a) With hot dip galvanized	Each	200		
	b) with paint	Each	0		
12.2.28	Guy wire supplying (7/10)	KM	0		
13	Automatic Voltage Regulator (Without civil works)		0		
	Erection and installation of Automatic Voltage Regulator (AVR) with or without structure (PAD/Structure Mounted; as required) including supply of fittings of accessories (as required) subsequent power connections and earth connection with ground bus with appropriate strings and clamps as shown in the drawings. The rate includes of necessary carrying, loading and unloading of automatic voltage regulator along with all accessories as required from DESCO store to site including cutting, fabrication and drilling as per	Set (3 Nos.)	0		

Item Sl. No.	Description of Works	Unit	Qty.	Unit Rates in Taka (Incl. VAT & Tax)	Total Amount in Taka (Incl. VAT & Tax)
1	2	3	4	5	6 = 4*5
	direction of Project Director or it's representative.				
14	Installation of Gang/Offload Isolator		0		
	Carrying of Gang Isolator from Central Store, DESCO, Installation of 01(One) set pole top mounting Steel structure, installation of 01 (One) nos three Phase switch unit with bolt, installation of Gang Operating mechanism connecting rod and operating handle (Everything should be done as per drawing). Installation of Switch Unit so that the mechanism works properly, Connection of Conductor with switch unit with bolt/compression type connector and required adjustment of operating mechanism rod (as required) (All works as per drawing and the instruction of Project Director or it's representative).	Nos.	2		
Total of Schedule Lot-C =					
Total Cost in words:					

Section-7. General Specifications

7.1 Scope of Works

The total works within the jurisdiction area of DESCO under this tender are required to divided into following lots:

Zone	Lot No.	Circle Name	Related S&D Divisions
North Zone	Lot-A	Dakshinkhan Circle	Uttarkhan S&D Divisions
			Dakshinkhan S&D Divisions
			Shah Kabir S&D Divisions
		Tongi Circle	Tongi (East) S&D Divisions
			Tongi (Central) S&D Divisions
			Tongi (West) S&D Divisions
		Uttara Circle	Uttara (East) S&D Divisions
			Uttara (West) S&D Divisions
			Turag S&D Divisions
South Zone	Lot-B	Agargaon Circle	Agargaon S&D Divisions
			Monipur S&D Divisions
			Kalyanpur S&D Divisions
		Pallabi Circle	Pallabi S&D Divisions
			Kafrul S&D Divisions
			Ibrahimpur S&D Divisions
		Rupnagar Circle	Rupnagar S&D Divisions
			Shah Ali S&D Divisions
			Eastern Housing S&D Divisions
Central Zone	Lot-C	Gulshan Circle	Gulshan S&D Divisions
			Badda S&D Divisions
			Joarshahara S&D Divisions
		Baridhara Circle	Baridhara S&D Divisions
			Bashundhara S&D Divisions
			Khilkhet S&D Divisions

The tenderer shall be engaged for the installation / relocation / replacement / recovery of different size/types HT & LT poles and pole fittings, different size/types 1-phase / 3-phase distribution transformers, different size/types 0.24kV, 0.415kV, 11kV & 33kV insulators and accessories, different size/types 0.24kV, 0.415kV, 11kV & 33kV overhead conductors / underground cables and cables accessories, installation / recovery of 0.24kV, 0.415kV & 11kV overhead / underground service connections etc. Detailed scope of works has been described in Section 6: Bill of Quantities (BOQ).

The BOQ is used to calculate the contract price. The contractor shall be paid for the quantity of works done as per As-built works at the quoted rate tendered in the BOQ for each item.

7.2 Variation (Alteration/Addition/Omission) of Works

Quantity of works listed in the BOQ are approximate. If any variation in the form, quality or quantity of the works or any part thereof becomes necessary in the opinion of the employer, then the employer shall have the power to do the following, as required, and the contractor shall comply.

- i. The variation order or approval would not be required if the total Contract Price remains unchanged due to any increase or decrease in the quantity per item of BOQ including supply items.
- ii. Omit any such work including supply items.
- iii. Change the levels, lines position, dimensions of any part of the work and execute the additional work of any kind necessary for the completion of the works.
- iv. Change the character or quality or kind of any such work.
- v. No variation shall in any way vitiate or invalidate the contract but the value (if any) of all such variations shall be taken into account in ascertaining the amount to be paid to the contractor.
- vi. Variations with respect to any or all items shall be considered on the basis of total contract price. If net effect in variations is within 15 (fifteen) percent of contract price, payment will be entertained upon certification of the works by the Engineer and recommendation of the concerned Project Director/Engineer-in-Charge of DESCO.
- vii. In case the net effect in variations exceeds 15 (fifteen) percent of the contract price, this shall require recommendation of the concerned Executive Director. In such cases approval of the Managing Director, DESCO shall be required for payment. However, supplied (scheduled/non-scheduled) items will be accepted/received by Central Store or Sub-Store following rules and procedure of DESCO if the item (s) don't have adequate store balance at DESCO's stores.
- viii. The contractor shall be paid for the non-scheduled items required for execution of the works. The rate of the non-scheduled items/works shall be determined by the Project Director/Engineer-in-Charge on present market basis and shall require approval of the Managing Director of DESCO. However, Project Director/Engineer-in-Charge shall take into consideration the store balance prior to taking any decision regarding the item(s) to be supplied. No non-scheduled item of work shall be taken up without prior approval of the Managing Director of DESCO.
- ix. The geographical areas where the contractor is needed to execute the works under the contract shall generally be restricted to the 'Site' specified in the Particular Conditions of Contract (PCC). However, if situation demands, the contractor shall be obliged to carry out works under the contract in areas beyond the aforementioned 'Site' at their respective contract rates. The contractor shall provide required personnel with necessary logistics, tools and tackles etc. soon after receiving instruction from the concerned Project Director/ Engineer-in-charge.

7.3 Contractor's Responsibilities in the Contract

- a) The contractor shall abide by the specifications mentioned in Section 7: General Specifications and Section 8: Particular Specifications and shall follow the instructions of the concerned division/Project Director/Engineer-in-charge.

- b) During execution of the works, the contractor shall comply with all applicable rules and regulations of other agencies like DMP, DNCC, RHD, BBA, WASA, RAJUK, GCC, TITAS, BR, DMTCL, BRTA, PGCB and other Utility Organizations.
- c) Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the employer. The contractor shall notify the employer or its representative of such discoveries and carry out the employer's instructions for dealing with them.
- d) The contractor shall address the Environmental and Social issues properly during execution of works.
- e) The contractor shall responsible for Traffic Management during the execution of the works.
- f) During execution of the assigned works and services, the contractor shall take all reasonable steps to protect the environment at the site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of the contractor's methods of operation.
- g) The contractor shall be responsible to update the DESCO's geographic information system (GIS) mapping system of each completed job with providing all necessary information and submitted/ notify to the concerned division / Engineer-in-charge/Project Director. **The Engineer-in-Charge/Project Director along with the concerned division shall ensure GIS mapping system of all the corresponding jobs that have been completed before processing any bill due for payment.**
- h) Steel poles including base plate shall be installed in Zigzag/Narrow/Slope/Permanent water body/etc area or like the area which is not suitable to install SPC pole or as per instruction of concerned division / Engineer-in-charge/Project Director or it's representative and except those areas mentioned earlier, SPC pole shall be installed. In such case, Contractor shall arrange all types of facilities (work force, equipment, safety, etc.) to install SPC pole properly.
- i) The Contractor shall arrange all types of facilities (work force, equipment, safety, etc) considering all types of on ground and under ground obstacle/obstruction to **recover existing SPC pole and Steel pole**; so that the existing SPC and Steel pole shall be recovered in good/serviceable condition. In this case, contractor shall be responsible for breaking pucca (RCC, CC, Brick, Bitumin, etc) surface, back filling the same, cleaning the site and related all civil works within the site/area. All works related to recovery works shall be carry out as per instruction of concerned division/Engineer-in-charge/Project Director or it's representative.
- j) **In reinstallation works** of SPC and/or Steel pole, Contractor shall arrange all types of facilities (work force, equipment, safety, etc) considering all types of on ground and under ground obstacle/obstruction to reinstall existing SPC and/or Steel pole; so that the existing SPC and/or Steel pole shall be reinstalled in good/serviceable condition. In this case, contractor shall be responsible for breaking of pucca (RCC, CC, Brick, Bitumin, etc) surface, back filling, cleaning and related all civil works within the area. All works related to reinstallation shall be as per instruction of concerned division/Engineer-in-charge/Project Director or it's representative.
- k) **In installation work** of SPC and/or Steel pole, Contractor shall arrange all types of facilities (work force, equipment, safety, etc) considering all types of on ground and under ground obstacle/obstruction to install new/recovered SPC and/or Steel pole; so that the new/recovered SPC and/or Steel pole shall be installed in good/serviceable condition. In this case, contractor shall be responsible for breaking of pucca (RCC, CC, Brick, Bitumin, etc) surface, back filling the same, cleaning the site and related all civil works

within the site/area. All works related to installation shall be as per instruction of concerned division/Engineer-in-charge/Project Director or it's representative.

- l) It is noted that in installation (new)/reinstallation/relocation/shifting work or any other related works, when new pole & fittings, conductor/cable & its accessories, Transformer & its accessories, and all other materials is used instead of existing all infrastructures & facilities then immediately existing old HT and/or LT (SPC/RCC/Steel/any type of pole) poles and all other overhead & underground materials along with accessories shall be returned into DESCO's designated store in good/serviceable/damaged condition by maintaining proper procedure of DESCO to avoid public suffering as per instruction of concerned division/Engineer-in-charge/Project Director or it's representative. **Otherwise, the contractor shall not be entitled to the shifting / conversion / reinstallation /renovation bill as a whole works.** All costs regarding returning materials shall be borne by the contractor.
- m) The contractor shall submit, to the Engineer-in-Charge/Project Director, a statement on the amount of issued and used materials at intervals of every 06 (six) months within the contract period and shall submit As-built material list within 28 days after completion of each job.
- n) The contractor shall provide/replace personnel, tools/equipments and logistics as reasonably demanded by the Employer or Engineer-in-charge or Project Director or it's representative. Should the employment of any person of the contractor be deemed by the employer to be either unsuitable for the works and services under the contract or prejudicial to the interests of the employer, or be necessary for any reason of the contractor, the contracting firms shall withdraw and replace the personnel by someone of equivalent or higher competence and experience.
- o) The contractor shall use the materials issued from the store against each job solely for the execution of that specified job. If those material from one job need to use used in another job, prior approval must be obtained from the Engineer-in-charge/Project Director, by stating a justified reason before the execution of the works. Additionally, if any recovered materials at the field level are found to be usable that shall be used subject to verification and approval of the Engineer-in-charge/Project Director or it's representative. The employer shall provide necessary assistance to the Engineer-in-charge/Project Director for the implementation of the works as and when required.
- p) The contractor shall also complete the formalities of partial close out bi-annually for the issued job(s) which have been completed within 06 (six) months period. The Engineer-in-charge/Project Director will allocate the time-frame for partial close-out. All cost regarding these shall be borne by the contractor.
- q) The contractor shall employ the personnel stated in Section 8: Particular Specifications or other personnel approved by the Engineer-in-charge/Project Director, if required, for execution of the works under the Contract. If the Engineer-in-charge/Project Director asks the contractor to remove a particular person who is a member of the contractor's staff or work force from the Site, he or she shall state the reasons, and the contractor shall ensure that the person leaves the Site within 03 (three) days and has no further connection with the works under the Contract.
- r) The contractor shall render services with due diligence and efficiency and in conformity with sound engineering, administrative and financial practices. The contractor shall act at all times so as to protect the interest of the employer.

7.4 Underground Cable related works

7.4.1 Scope of Works

The major items in 0.24kV, 0.415kV, 11kV & 33kV overhead and/or underground line construction works of different classes depending on nature, locations and other circumstances that may be stated below. The work shall include mobilization of necessary tools & equipments, materials, storage and other facilities for continuing work in any situation.

- A. Site clearing & mobilization
- B. Breaking of Pucca Surface
- C. Excavation & sand filling
- D. RCC slab
- E. PVC Pipe
- F. Pipe for HDD (HDPE Pipe)
- G. Thrust boring for Railway/Road crossing
- H. HDD for Railway/Road Crossing
- I. Laying of Cable
- J. Cable Jointing and Installation of Termination Kit
- K. Testing & Commission of U/G Cable.

In case of exigency of works and services, the contractor may be required to carry out the similar works at the contract rate under the jurisdiction of DESCO beyond the specified lots.

The contractor shall take all reasonable steps to protect the environment at the site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of the contractor's methods of operation.

During execution of works and services the contractor shall follow all the rules and regulations of other agencies like DMP, DNCC, R&HD, WASA, RAJUK, GCC, Utility Organizations, National Housing Authority, DOHS & Cantonment Authority and Others Authority.

7.4.2 Technical Requirement

7.4.2.1 Site clearing & mobilization

The Cable Route shall be cleared of all obstructions (structures, trees etc.) throughout the entire cable route. The broken/removed materials due to site clearing works shall be carried away from the site to a safe place as per instruction of the Engineer. Site clearing shall also include disposal of surplus soil brought to site and due to excavation work. All excavated soil shall be removed from site immediately after excavation.

Necessary permission for road cutting/Railway crossing etc. from competent authority to be arranged by the Contractor. However, the payment against compensation claimed by the concerned authority shall be directly made by DESCO or concerned stakeholders.

7.4.2.2 Excavation & back filling

True lines for excavation of cable trench shall be set. The excavations shall be in any kind of soil encountered, as per dimension shown in drawing and IEC 60502-2:2014 standard.

The sides of the excavated trench shall be perpendicular to the base. All necessary protection shall be taken to maintain this. However, depending on site conditions the dimension may vary as per direction of the Engineer-in-charge/Project Director.

The backfilling shall be made by local sand of FM not less than 0.8 and properly compacted. Compaction shall be by use of manual, mechanical or other approved devices to a density equal to or greater than that required for adjacent area. After proper compaction, the level of filled area should be as of the surrounding road levels.

Sand filling: 0.24kV, 0.415kV, 11kV & 33kV U/G Cable trench

The sand filling shall be made in three steps as shown below as per IEC 60502-2:2014 standard:

- First layer:** Sand filling 200mm from bottom of the trench, spread in thin uniform horizontal layer including leveling, watering and compaction, to form the bedding of the Cable line over which the Cable will be laid.
- Second layer:** Sand filling 350mm from top of first layer. Spread the sand filling in successive thin uniform horizontal layer of 150mm at a time for leveling, watering and compaction. After that the RCC slab will be placed.
- Third layer:** Sand filling for rest of the trench from top of RCC slab. Spread the sand filling in successive thin uniform horizontal layer of 150mm at a time for leveling, watering and compaction.

The third layer shall be entirely filled by sand (in case of metal road crossing).

7.4.2.3 Breaking of Pucca Surface

Any pucca surface which falls over the cable route shall be broken prior to commencement of excavation works by means of manual, mechanical or any other mechanical devices as deem suitable. Immediately of excavation, all rubbish/soil should be removed from the site. All debris shall be cleared of the site to any suitable location. Upon completion of back-filling of the cable trench the broken and damaged parts of the pucca surface shall be temporarily repaired to bring it to useable condition, which shall subsequently be properly taken care of by concerned authority.

7.4.2.4 RCC slab

Reinforce cement concrete (1:2:4) having minimum cylinder crushing strength 17Mpa at 28 days.

7.4.2.5 Dimension of each RCC slab

For Cable trench of 750mm width

Length: 600mm × width 300mm

Height: Mid section along length 75mm, 63mm at end section along length.

For Cable trench of 1000mm width

Length: 900mm × width 300mm

Height: Mid section along length 75mm, 63mm at end section along length.

For Cable trench of 1250mm width

Length: 1200mm × width 300mm

Height: Mid section along length 75mm, 63mm at end section along length.

7.4.2.6 Concrete

Construction Requirement

Concrete shall consist of a mixture of Portland cement, fine and coarse aggregate and water.

Cement shall be Portland cement Type-I, ASTM C-150. Only one brand, grade or kind of cement shall be used.

Fine Aggregate shall consist of well-graded clean natural sand (50%) best quality local coarse sand (F.M-1.5) and 50% Sylhet sand (F.M-2.5), free from injurious amount of organic impurities and deleterious substances.

Coarse Aggregate shall consist of well-graded hard angular fragments of 20mm down grade picked chips. The aggregate shall be clean and be generally free from deleterious substances.

Water for use in concrete shall be palatable, clear, free from injurious quantities of oil, alkali, salts and organic substances, any solid particles, etc.

The Contractor in the laboratory in accordance with approved procedure shall prepare trial mixes for concrete with representative material from site. The nominal strength in these tests shall exceed the specified minimum strength by 10%. Strength requirement is the determining factor for accepting a concrete. Cement content may be fixed from the trial mix. If required, the cement content has to be increased to attain the desired strength without any additional charge.

Batching

The Contractor shall provide and maintain suitable measuring equipments and devices of good order required to determine and control accurately the relative amount of various materials entering the mix. All measurements shall be by weight and shall be accurate within a tolerance of 1% for each batch. The cement shall be weighted. A bag of cement weighing 50 kg (112 lbs) net will be considered as 0.0339 cum (1.195 cft).

Sufficient acceptable materials shall be available at the batching site to ensure continuous placement. The moisture content of the accepted aggregate shall remain constant to the extent that the resultant successive batches of concrete do not vary in consistency by more than 6mm (1/4 inch) of a slump. If the moisture content in the aggregate varies by more than the above tolerance, corrective measures shall be taken to bring the moisture to a constant and uniform quantity before any more concrete is placed.

Coarse aggregate shall be saturated with water at least 12 hours before use to prevent absorption of the mixing water.

Mixing

Concrete shall be mixed in a batch mixer of an approved type and appropriate capacity. Entire content shall be removed from the drum before the succeeding batch is introduced. Concrete shall be mixed in quantities required for immediate use. Concrete shall not be used which has developed initial set or which is not in place within 30(thirty) minutes after the water has been added. Re-tampering of partially hardened concrete by remixing with or without additional materials or water, or by other means will not be permitted. The inside of the mixing drum shall be kept free from hardened concrete at all times.

Transport and Placing

Concrete shall have to be transported from the mixer and placed in the form that contamination, segregation or loss of the constituent materials does not occur.

The concrete shall not be dropped freely from a height exceeding 5 feet nor shall it be deposited in large quantities at any point. Dragging of concrete inside the forms or distribution by vibrators or allowing it to flow by gravity to the ends of the forms will not be permitted.

In slabs concrete should be placed in thickness 12 mm to 25 mm excess of what is required and compacted to the desired thickness with rammers ("Patta"). Concrete shall be deposited and compacted in its final position within 30 minutes of its discharge from the mixer and shall not be subjected to any disturbance or vibration within 72 hours after compaction. When in-situ concrete has been in place for 3 hours no further concrete shall be placed against it for a further 72 hours.

Control Tests for Concrete

- a. **Sampling:** The number, frequency and location of batches to be sampled shall be decided by the Engineer. The testing shall be in accordance with ASTM C-143, current issue.
- b. **Slump:** This determination shall be made at the commencement of concreting, on the occasion of each change in mix proportions, and thereafter as desired by the Engineer. The testing shall be in accordance with ASTM C-143, current issue.
- c. **Compressive Strength:** Test cylinders 150mm (6 inches) in diameter and 300mm (12 inches) high shall be made at the site of the work in sets of minimum six (6) cylinders from each 21m³ (750 cubic feet) of each class of concrete or fraction thereof placed each day. Average test result of three cylinders must be equal to or more than required specified strength but no one cylinder should be below 90% of required strength.

If the Engineer allows cubes to be tested instead of cylinders, the cube strength shall be 17.5 percent higher than the cylinder strength specified.

Formwork

All concrete shall be placed in proper forms. Plywood/wood forms of adequate and uniform thickness may be used alone in lieu of the steel forms.

All formwork shall be constructed water-tight, true to line, of sound materials and of such rigidity to prevent buckling or movement during the placement and curing of the concrete.

Removal of Forms

All formwork shall be removed without damage to the concrete and in accordance with a program agreed upon by the Engineer. Under usual conditions the following minimum periods between concreting and the removal of formwork shall be as observed:

- ✓ Vertical sides 2 days
- ✓ Soffit 14 days

Curing and Protection

Concrete shall be protected against harmful effects of weather for a period of not less than twenty-eight (28) days immediately following the placing.

All exposed surface shall be covered with two layers of wet burlap which have been spot stitched, or wet jute felt soon after placing of concrete as it can be done without manning the surface and kept thoroughly wet by continuous sprinkling of water for a period of not less than twenty-eight (28) days after the concrete has taken its set.

7.4.2.7 Reinforcing steel in concrete

This shall consist of furnishing and placing in concrete, reinforcing steel of the designated quality, type, size and quantity.

The reinforcing steel will be Grade-40 (maximum variation -8%) deformed bars and shall conform to relevant ASTM requirements.

The nominal diameter, perimeter and cross-sectional area of deformed bar is equivalent to that of a plain bar having the same standard weight per unit length as given in the table, below.

Bar Nominal Dia (mm)	Nominal Weight (Kg/m)	Cross Sectional area (mm ²)	Circumference (mm)	App Length Per M. Ton (Meter)
10	0.616	78.5	31.4	1,621
12	0.888	113.1	37.7	1,126
16	1.579	201.1	50.3	633
20	2.466	314.2	62.8	405
22	2.985	380.3	69.1	335
25	3.854	490.9	78.5	259

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All reinforcing steel when received on the site, prior to its use shall be stacked off the ground and shall be kept free from dirt, oil, grease or avoidable rust. It shall be clean and free from loose rust and loose mill scale at the time of fixing in position and subsequent concreting.

Reinforcement shall be placed, supported and maintained in the position shown in the drawing and shall be checked and approved by the Engineer before placement of concrete begins. All intersecting bars shall be tied together with 24G galvanized iron wire and the ends of wire shall be turned into the main body of the concrete.

Unless otherwise shown on the Plans, the covering of reinforcement for slab shall be 20mm.

The Contractor shall notify the Engineer or his authorized representative when the steel has been placed in position ready for concrete and no concrete shall be placed until the Engineer inspected the steel and given his approval in writing.

7.4.3 Brick flat soling

Brick shall comply with requirement of first-class bricks. The blinding sand will have a Fineness Modulus of above 1.00 and shall be clean, free from organic matters. Brick soling shall be measured by squire meter (sqm) of placing area.

7.4.4 GI/PVC Pipe

As per site requirement and direction of the Engineer GI/RCC/PVC Pipe shall be laid along the Cable trench for crossing of Cable under Road/Railway or any other place.

GI Pipe

Galvanized steel pipe Adamjee/Basundhara/National Tube or equivalent or superior brand approved by E.I.C. GI Pipe shall conform to the following specification:

Nominal Pipe dia		Min. wall thickness	Min. pressure
Inch	mm		
3	75	3.25	35
4	100	3.65	50
6	150	4.00	50
8	200	8.00	50
10	250	9.2	50
12	300	9.5	50

Galvanized steel welded tubes of screwed and socket type, class-A and shall be equivalent of the specified in BS 1387. All fittings shall be standard CI products and conform to BS 534. Pipes shall be jointed with a suitable compound according to the maker's instruction together with a grommet of a few strands of fine jute.

PVC Pipe

PVC Pipe National Polymer/Aziz/Lira water grade or equivalent or superior brand. PVC Pipe shall be un-plasticized polyvinyl chloride pipe type 1420, equivalent to specified in BS

3505. Pipes shall be joint to each other using suitable jointing solvent recommended by the pipe maker.

PVC Pipe shall conform to the following specification

Nominal Pipe dia		Class	Min. wall thickness
Inch	mm		mm
12	300	C	10.31
10	250	C	9.27
8	200	C	8.18
6	150	C	6.6
5	125	C	5.5
4	100	C	4.5
3	75	C	3.5

7.4.5 Thrust Boring for Railway/Road Crossing

Thrust Boring shall be made by hydraulic boring machine which is able to bore holes up to 153mm in dia. This includes making trial holes, trenching for machine setting, trenching for putting into bore shaft 150mm dia carrier pipes. It also includes back filling as per direction and standard specification, removal from site and disposal of any surplus soil, re-statement of all made up surfaces and installation of carrier pipes and temporary supply and installation of draw wires and temporary sealing of carrier pipes as per direction of the Engineer plus all necessary work to ensure correct and easy installation of cables.

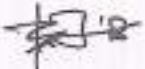
7.4.6 Laying of Cable:

The work includes transportation of cable from store to site, mounting on cable drum with drum jack, pulling out cable on cable roller and laying of cable in the cable trench (including common utility trench, if necessary) as per direction of the engineer-in-charge/Project Director or it's representative. Adequate protection shall have to be taken to protect the cable from any damage during transportation, pulling, laying and jointing.

Due account shall be taken of the heating due to other cables or other sources of heat where these can be identified. Depending on the type of cable and number of circuits, the laying position and spacing between circuits shall generally be in the manner shown in the drawings, unless otherwise deem necessary as per local condition.

7.4.7 Cable jointing and Installation of Termination Kits

Cables shall be joined by straight through joint and include preparation of jointing pit, the making of between two U/G Cable by using heat shrink cable jointing kits. All necessary materials and tools such as keroshine oil, cotton, insulation cutter, semi-conductive layer peeler etc. except jointing compound shall be supplied by the contractor. No of joints shall

be kept as low as possible and special care shall be taken that the cable is not damaged during the jointing work.

Installation of Termination kits shall include all necessary preparation and cable line termination on type and size of U/G cable required for the particular work by heat shrinkable cable jointing kits, which includes Cable kit mounting Bracket, fixing accessories, cable guard etc. as per approval and instruction given by the concerned division/Engineer-in-charge/Project Director or it's representative. The jointing kits shall be supplied by DESCO.

The particulars of Termination Kits (outdoor & indoor) and Straight-through joint box that will be used for different type and capacity of U/G cable are stated in the tables below:

33kV XLPE, 1Cx500 mm ² Copper cable			
	Indoor Termination Kits	Outdoor Termination Kits	Straight Through joint
Installation	For Indoor switchgear terminations	For Outdoor installation on poles/structures	For underground horizontal mounting
System	33kV, effectively earthed system	33kV, effectively earthed system	33kV, effectively earthed system
Cable conductor	500 mm ² Copper Conductors	500 mm ² Copper Conductors	500 mm ² Copper Conductors
Kit content	- Heat shrinkable high voltage insulating and non-tracking tubing - Heat shrinkable stress control tubing - Stress relieving mastic strip - Truck resistant sealant tape - Cable preparation kit - Solderless earth connection kit - Compression lugs for 500 mm² Copper Conductors	- Heat shrinkable high voltage insulating and non-tracking tubing - Heat shrinkable stress control tubing - Stress relieving mastic strip - Truck resistant sealant tape - Heat shrinkable truck resistant rain skirt - Support insulator - Cable preparation kit - Solderless earth connection kit - Compression lugs for 500 mm² Copper Conductors - Support insulators Tee Brackets	-The joint shall be proof against ingress of moisture and water

11kV XLPE, 3-Core, 300 mm ² Copper Cable			
	Indoor Termination Kits	Outdoor Termination Kits	Straight-through joint box
Installation	For Indoor installation in switchgear terminations	For outdoor installation on poles/structures	For underground horizontal mounting
System	11kV, effectively earthed system	11kV, effectively earthed system	11kV, effectively earthed system

Cable conductor	300 mm ² Copper Conductors	300 mm ² Copper Conductor	300 mm ² Copper Conductors
Kit content	- Heat shrinkable high voltage insulating and non-tracking tubing - Heat shrinkable stress control tubing - Stress relieving mastic strip - Truck resistant sealant tape - Cable preparation kit - Solder less earth connection kit - Compression lugs for 300 mm² Copper Conductors	- Heat shrinkable high voltage insulating and non-tracking tubing - Heat shrinkable stress control tubing - Stress relieving mastic strip - Truck resistant sealant tape - Heat shrinkable truck resistant rain skirt - Support insulator - Cable preparation kit - Solder less earth connection kit - Compression lugs for 300 mm² Copper Conductors - Support insulators - Tee Brackets	- The joint shall be proof against ingress of moisture and water - Compression ferrules for for 300 mm² Copper Conductor - Heat shrinkable stress control tubing - Heat shrinkable black/red dual wall Elastomeric tube - Heat shrinkable outer jacket tube - Compression ferrules for Cu Screen Wire - Void Filling Mastic Tape - Stress Control Mastic Tape - Black Mastic Tape - Stainless Steel Roll spring - Tinned Copper Wire Mesh - PVC or Similar Tape - Copper Screen Ferrule - Armour Warp - SS Hose Clip - PVC or Similar Tape - Cable preparation kit - Solder less earth connection kit - Misc. other material - Installation instructions (In details)

11kV XLPE, 3-Core, 185 mm ² Copper Cable			
	Indoor Termination Kits	Outdoor Termination Kits	Straight-through joint box
Installation	For Indoor installation in switchgear terminations	For outdoor installation on poles/structures	For underground horizontal mounting
System	11kV, effectively earthed system	11kV, effectively earthed system	11kV, effectively earthed system
Cable conductor	185 mm ² Copper Conductors	185 mm ² Copper Conductor	185 mm ² Copper Conductors

Kit content	- Heat shrinkable high voltage insulating and non-tracking tubing - Heat shrinkable stress control tubing - Stress relieving mastic strip - Truck resistant sealant tape - Cable preparation kit - Solder less earth connection kit - Compression lugs for 185 mm² Copper Conductors	- Heat shrinkable high voltage insulating and non-tracking tubing - Heat shrinkable stress control tubing - Stress relieving mastic strip - Truck resistant sealant tape - Heat shrinkable truck resistant rain skirt - Support insulator - Cable preparation kit - Solder less earth connection kit - Compression lugs for 185 mm² Copper Conductors - Support insulators Tee Brackets	- The joint shall be proof against ingress of moisture and water - Compression ferrules for for 185 mm² Copper Conductor - Heat shrinkable stress control tubing - Heat shrinkable black/red dual wall Elastomeric tube - Heat shrinkable outer jacket tube - Compression ferrules for Cu Screen Wire - Void Filling Mastic Tape - Stress Control Mastic Tape - Black Mastic Tape - Stainless Steel Roll spring - Tinned Copper Wire Mesh - PVC or Similar Tape - Copper Screen Ferrule - Armour Warp - SS Hose Clip - PVC or Similar Tape - Cable preparation kit - Solder less earth connection kit - Misc. other material - Installation instructions (In details)
11kV XLPE, 3-Core, 185 mm² Aluminium Cable			
	Indoor Termination Kits	Outdoor Termination Kits	Straight-through joint box
Installation	For Indoor installation in switchgear terminations	For outdoor installation on poles/structures	For underground horizontal mounting
System	11kV, effectively earthed system	11kV, effectively earthed system	11kV, effectively earthed system
Cable conductor	185 mm ² Aluminium Conductors	185 mm ² Aluminium Conductor	185 mm ² Aluminium Conductors

Kit content	- Heat shrinkable high voltage insulating and non-tracking tubing - Heat shrinkable stress control tubing - Stress relieving mastic strip - Truck resistant sealant tape - Cable preparation kit - Solder less earth connection kit - Compression lugs for 185 mm² Aluminium Conductors	- Heat shrinkable high voltage insulating and non-tracking tubing - Heat shrinkable stress control tubing - Stress relieving mastic strip - Truck resistant sealant tape - Heat shrinkable truck resistant rain skirt - Support insulator - Cable preparation kit - Solder less earth connection kit - Compression lugs for 185 mm² Aluminium Conductors - Support insulators - Tee Brackets	- The joint shall be proof against ingress of moisture and water - Compression ferrules for for 185 mm² Aluminium Conductor - Heat shrinkable stress control tubing - Heat shrinkable black/red dual wall Elastomeric tube - Heat shrinkable outer jacket tube - Compression ferrules for Al Screen Wire - Void Filling Mastic Tape - Stress Control Mastic Tape - Black Mastic Tape - Stainless Steel Roll spring - Tinned Aluminium Wire Mesh - PVC or Similar Tape - Aluminium Screen Ferrule - Armour Warp - SS Hose Clip - PVC or Similar Tape - Cable preparation kit - Solder less earth connection kit - Misc. other material - Installation instructions (In details)
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7.5 Installation of Automatic Voltage Regulator (Without civil works)

Erection and installation of Automatic Voltage Regulator (AVR) with or without structure (PAD/Structure Mounted; as required) including supply of fittings of accessories (as required) subsequent power connections and earth connection with ground bus with appropriate strings and clamps as shown in the drawings. The rate includes of necessary carrying, loading and unloading of automatic voltage regulator along with all accessories as required from DESCO store to site including cutting, fabrication and drilling as per direction of Engineer-in-charge or Project Director or it's representative.

7.6 Installation of Gang/Offload Isolator

Carrying of Gang Isolator from Central Store, DESCO, Installation of 01(One) set pole top mounting Steel structure, installation of 01 (One) nos three Phase switch unit with bolt, installation of Gang Operating mechanism connecting rod and operating handle (Everything should be done as per drawing). Installation of Switch Unit so that the mechanism works properly, Connection of Conductor with switch unit with bolt/compression type connector and required adjustment of operating mechanism rod (as

required) (All works as per drawing and the instruction of Engineer-in-charge or Project Director or it's representative).

7.7 Testing & Commissioning

The contractor must perform necessary tests regarding overhead lines and transformer as and where necessary. Energization / Hand-Over form for Overhead lines and transformers must be filled up properly by the contractor and submit to Engineer-in-charge/Project Director.

Testing & Commissioning of laying Fiber optic cable (ADSS), Overhead Conductors and U/G Cables should include High Voltage withstand Test, Insulation Resistance Test, Sheath Resistance Test, dB loss/kM, OTDR test, Fiber continuity test, etc as and where necessary. Test should be done as per standards & instructions of concerned division/Engineer-in-charge/Project Director or it's representative with proper standard testing equipments.

Test result should be submitted in the stipulated format. Necessary steps should be taken by the contractor if test results are not accepted as "satisfactory" by the concerned division/Engineer-in-charge/Project Director or it's representative before energisation/Handover.

7.8 List of Major Tools and Equipment

The Contractor shall have the requisite major tools and equipment including, but not limited to, the following for the execution of works and services under the contract:

Sl. No.	Item Name
1	Insulation Resistance Tester. It shall have multiple applicable voltage range such as 0.5kV-1kV-2.5kV-5kV-10kV including display of capacitance value in μF , resistance value in $\text{M}\Omega$ or $\text{G}\Omega$ and leakage current value in mA or μA .
2	Wire Cutter
3	AVO Meter
4	Insulated Pliers
5	Clip-On Ammeter
6	Wrench Test
7	Cable Cutter
8	Hot Stick (11 kV)
9	Hydraulic Compression / Crimping Tools
10	Chain Ton (03 Ton & 05 Ton)
11	Hammer
13	Grounding Set (02 sets for each group/team/gang)

Sl. No.	Item Name
14	Labor Equipments (Helmet, Handgloves, Safety Shoe, High Visibility Jacket, Safety Belt etc. for each member of the working group)
15	Safety Barrier
16	Hammer Drill
17	Earth Tester
18	Ladder {at least 03 sets for each group/team/gang}
19	Earth Excavation Equipments (As required)
20	DC high voltage test machine (Minimum 70kV) [Optional, as on request]
21	Stainless Steel Strap Binding Machine
22	Stainless Steel Strap Cutter

Any other required tools & equipment and necessary logistics support shall have to be arranged during properly execution of the field works. **The Employer or its representative(s) will check the availability of tools and equipment at any time during the contract period.**

7.9 Safety

All safety measures regarding manpower and equipment shall be ensured by the Contractor. For any kind of accident during the work, the Contractor shall be entirely responsible and shall bear all the costs regarding that.

7.10 Facility of Store House and Field Office

The Contractor shall submit documents as a proof of having store house to the office of the Concerned Division/Engineer-in-charge/Project Director within 15 (fifteen) days of the date of contract signing. The storehouse will be situated within the jurisdiction of DESCO area. The storehouse will have adequate facilities to store the materials/equipment, which will be received from DESCO. The Contractor will engage security guard(s) to ensure enough security facility for the store and must maintain a stock register. The Employer or its representative(s) will visit the storehouse after submission of the said documents to check the space and security facility. They may also visit the store house at any time during the whole contract period. If required by the Employer, the Contractor shall shift the storehouse at its own responsibility.

The contractor shall use their field office for overall supervision of their personnel under them and maintain coordination with the employer but in no way consider their field office as an unit of the employers office.

Section 8. Particular Specifications

8.1 Personnel: Qualification Criteria

The key personnel under the contract shall meet the qualification criteria mentioned below. The tenderer shall furnish documents in support of the requisite qualification of the proposed key personnel mentioned in the TDS (ITT sub-clause 16.1).

S/N	Designation	Minimum Qualification	Minimum Job Experience	Age (Maximum)
1	Project Engineer	B. Sc. Engineering (Electrical / Mechanical)	At least 03 (three) years of practical experience in any electrical distribution system as an Engineer	45 Years (Relaxable up to 58 years for the personnel with experience in distribution line construction works at DESCO)
		Diploma in Engineering (Electrical / Mechanical / Power). Shall possess Electrical Supervisor License of class A, B & C issued by the Electricity Licensing Board, GoB	At least 08 (Eight) years of practical experience in any electrical distribution system as an Engineer	
2	Site Engineer	Diploma in Engineering (Electrical / Mechanical / Power). Shall possess Electrical Supervisor License of class A, B & C issued by the Electricity Licensing Board, GoB	At least 03 (three) years of job experience in any electrical distribution system as an Engineer	45 Years (Relaxable up to 58 years for the personnel with experience in distribution line construction works at DESCO)
3	Foreman	Trade Course Certificate from any vocational institute. Shall possess Electrical Work Permit of competency class A, B & C issued by the Electricity Licensing Board, GoB	05 (five) years of job experience in any electrical distribution system of which 03 (three) years as a Foreman / Line Technician in distribution line construction works	50 Years (Relaxable up to 58 years for the personnel with experience in distribution line construction works at DESCO)

At least 01 (One) Motorcycle must be arranged by the contractor for their project engineer or site engineer.

Gang Members:

All contractors should be required to maintain at least one gang. However, based on the requirements of the Engineer-in-charge/Project Director and the volume of work, the number of gangs will be increased. If the gang number is not increased within the specified time by the Engineer, penalties and negative points will be imposed. The structure of each gang is as follows:

<u>Position</u>	<u>Minimum Personnel</u>
Foreman	1
Lineman	2
Assistant Lineman	2
Helper	6
Total	=11

8.2 Employment of Key Personnel

8.2.1 Declaration

Employment of the key personnel for works and services under the contract shall require prior approval of the Employer. **The Contractor shall furnish a declaration that the employees proposed for the works and services has/have not been discharged or dismissed from any previous works or services of DESCO under any Contractor.** The Contractor shall submit the proposal along with CV, NID, Work experience certificate and 02 copies of photograph of the proposed personnel to the office of the Engineer-in-charge/Project Director within 07 (seven) working days of the date of contract signing.

8.2.2 Interview for Selection of Key Personnel

The key personnel of the Contractor will be interviewed by the Employer or its representative(s) to assess their suitability for the works and services under the contract. A selection committee headed by the Chief Engineer of concerned Division will be formed for interview, subject to the approval of Executive Director (Engineering), DESCO. The unsuitable personnel shall be replaced by suitable personnel. Based on the report of the selection committee, Executive Director (Engineering) of DESCO will approve the manpower of the Contractor and notify accordingly.

8.2.3 Replacement of Key Personnel during Contract Period

In case of replacement of key personnel during contract period CV, NID, Work experience certificate and 02 copies of photograph of the proposed personnel (equivalent or higher qualification) shall be submitted to the office of the Engineer-in-charge/Project Director at least 15 (fifteen) days before. A committee headed by the Chief Engineer of concerned division will conduct the interview of that personnel and it will be approved by the Executive Director (Engineering).

8.3 Completion Certificate

- 8.3.1** The contractor shall apply by notice to the Engineer-in-Charge/Project Director for issuing a Completion Certificate of the Works, and the Engineer-in-Charge/Project Director will issue a completion certificate within 03 (three) months of the date of completion of Contract, subject to submission of final close-out document (by confirming return all the recovery/unused materials, submitted As-built of all fully/partially completed job(s) alongwith the joint inspection, submitted of all necessary SOP form(s) and other necessary documents) and acceptance of the same by the employer.
- 8.3.2** The employer shall take over the Site and the Works within 42 (forty-two) days of the completion of respective job/works by contractor or as per SOP declaration.
- 8.3.3** **The contractor shall complete all formalities regarding the close out of all completed works and related services under the contract within 90 (Ninty) days after expiration of contract period. The contractor shall complete close-out of partially completed works to claim the progressive payment and it should be done as per the instruction of the Engineer-in-Charge/Project Director. The contractor shall return all unused/recovery materials and all unused issued materials (including cable drums, if any) to the designated store of DESCO within 28 (Twenty-Eight) days after the completion of each job as directed by the Engineer-in-Charge/Project Director or it's representative from time-to-time but finally not later than 56 (Fifty-Six) days after the completion of contract period.**

The Contractor shall also complete the formalities of close out bi-annually for those issued job orders which have been completed within 06 (six) months period. The Engineer-in-charge/Project Director will allocate the time-frame for partial close-out.

In case of failure by the contractor to return or loss of any of these materials to the DESCO's store, the contractor shall compensate at twice the rate of the unreturned / lost materials which shall be implied to next running bill or final bill. **The rate of such material shall be depends on the material type (New/Servisable/Unservisable). All costs regarding returning materials shall be borne by the contractor.**

8.4 Contractor's Performance Monitoring and Evaluation

a) The contractor shall have to strictly comply with the requirement of ITT clause 16.1 and the scope of works described in Section 6: BOQ, Section 7: General Specifications and Section 8: Particular Specifications. On failure to fulfil such requirements, penalty and/or negative marking shall be imposed on the contractor by the Engineer-in-charge/Project Director for the reasons and in method as mentioned below:

(i)	Failure to perform the assigned works in accordance with the drawing/design/instructions (e.g. increase the manpower, logistic support and others) of the Engineer-in-Charge/Project Director, other than any justified reason.	02 (two) negative marks per event/job & Penalty of Tk. 10,000/- for each job/case.
(ii)	Failure to execute the assigned job under the contract within the period allocated by the Engineer-in-Charge/Project Director, other than any justified reason.	02 (two) negative marks per job & Penalty of Tk. 5,000/- per job per week or part thereof.

(iii)	Failure to execute the withdrawal/replacement of the Contractor's key personnel demanded by the Engineer-in-charge or Project Director or its representative, other than any justified reason by the contractor.	02 (two) negative marks per person
(iv)	Failure to submit "As-built" documents on completed job within the period allocated in PCC by the Engineer-in-charge or Project Director, other than any justified reason.	01 (one) negative marks & Penalty of Tk. 5,000/- per event per week or part thereof
(v)	Failure to submit "Close-Out" documents (e.g. As-built, SOP form(s)) on completed job within the period allocated by the Engineer-in-Charge or Project Director, other than any justified reason.	01 (one) negative mark per job & Penalty of Tk.1,000/- for per job per week or part thereof
(vi)	Non-availability or for defective of tools & equipment as mentioned in Section 7: General Specification.	01 negative mark per event/item & Penalty of Tk. 5,000/- for each case/item.
(vii)	Absence of key personnel in the site while performing the assigned job.	Penalty of Tk. 5,000/- for each job/case.
(viii)	Failure to submit monthly report(s) as per stipulated format/as directed by the Engineer-in-Charge/Project Director within the specified time, other than any justified reason.	Penalty of Tk. 5,000/- for each event.
(ix)	Unauthorized or unapproved construction / withdrawal / shifting of electric line & equipment in the electric distribution network of DESCO by any employee of the Contractor.	10 negative marks per event & Penalty of Tk. 50,000/- for each event

b) The penalised amount as mentioned above, shall be deducted from the final/next certified running bill.

c) In case of total negative marking imposed on the contractor exceeds 15 marks last 06 (six) months, then the penalty @1% of the total contract amount will be imposed upon the Contractor and the same will be realized/adjusted from their final/next certified running bill. If the total negative marks exceed 30 within last 12 (twelve) months, then the Contractor may be considered ineligible for participation in any subsequent tender of DESCO for similar nature of works invited by the employer for the minimum 02 (two) years from the date of issuance of notice.

Section 9. ES Specifications

(Environmental and Social Aspects)

The Tenderer shall submit comprehensive and concise Environmental, Social, Health and Safety Management Strategies and Implementation Plans (ES-MSIP) as required by **Clause no 26 to 29, 64.4 and 64.5 of the General Conditions of Contract (GCC) and Particular Condition of Contract (PCC)**. 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 (if any).

In developing these strategies and plans, the Tenderer shall have regard to the ES provisions of the contract including those as may be more fully described in the Works Requirements in General Conditions of Contract

1. Requirements under GCC 26.1

1.1 Air, Water and Noise Pollution Prevention Plan and resource efficiency measures

- Control dust using water spray; cover stored materials.
- Maintain machinery to reduce noise and emissions.
- Manage waste properly; dispose only at approved sites.
- Prevent pollution of drains/water bodies (no dumping of cement slurry, oils).
- Store fuel safely and avoid spills.
- Use materials and water efficiently.

1.2 Occupational Health & Safety (OHS) Plan

- Provide PPE: helmets, vests, gloves, masks, safety shoes.
- Give safety orientation to all workers.
- Keep first aid kit and emergency contacts on site.
- Ensure safe operation of machinery; only trained operators allowed.
- Follow BNBC 2020 safety chapters where applicable.

1.3 Community Health & Safety Plan

- Ensure safe pedestrian access near the site.
- **Ensure safe walking or driving area access near the site for local people.**
- **Ensure removal of unused material from the site for smooth access of vehicle and people.**

1.4 Natural Habitat Protection

- No tree cutting without approval.
- Keep work limited to designated areas.

1.5 Traffic Management Plan

- Implement a simple Traffic Management Plan with signboards and speed control.
- Use barriers/fencing around dangerous areas.

1.6 Construction material and equipment storage plan

A construction material and equipment storage plan require designating, securing, and organizing on-site zones to ensure safety, efficiency, and material protection.

- Ensure designated storage areas do not obstruct site access, pedestrian paths, or emergency escape routes.
- Store in a dry, ventilated shed/ indoor storage.
- Follow FIFO (First In, First Out) method.
- Separate by diameter, size, type and grade with proper tagging.
- Stack on level ground and Keep clear of access routes.
- Maintain material inward/outward register.
- Assign responsible supervisor for storage control.
- Maintain inventory records.
- Return damaged/unused materials immediately to the respective store.
- Store drums upright only.
- Protect copper from theft.

2. Requirements under GCC

2.1 Worker Grievance Mechanism

Contractor must provide:

- A complaint box or logbook, checked weekly.
- A record of complaints received and resolved.

2.2 Code of Conduct

All workers must follow a basic Code of Conduct including:

- Respectful behavior; no harassment or discrimination.
- No child/forced labor.
- No alcohol/drugs during work.
- Follow all safety and environmental rules.

3. Requirements under GCC

Monthly ES Progress Report (Format Provided by Engineer-in-Charge)

- Summary of work completed
- Environmental actions taken (dust, waste, spills)
- Safety actions (PPE use, trainings, incidents)
- Worker grievances (received/resolved)
- Photos and any corrective actions needed

The Engineer-in-Charge will instruct the contractor to take all necessary steps regarding compliance with the requirements mentioned in the relevant GCC clauses.

Section 10. Drawings

2025

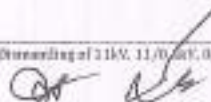
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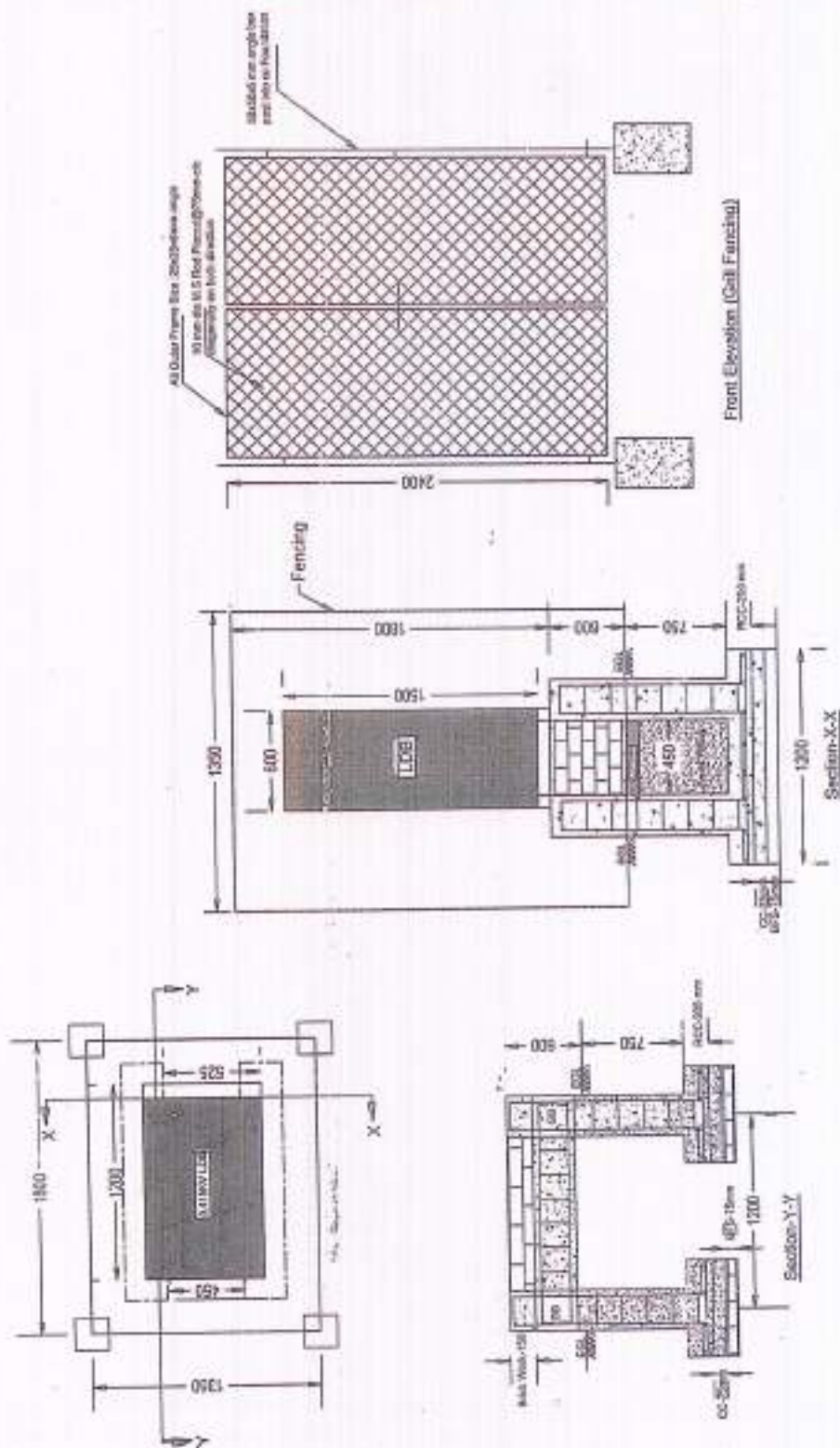
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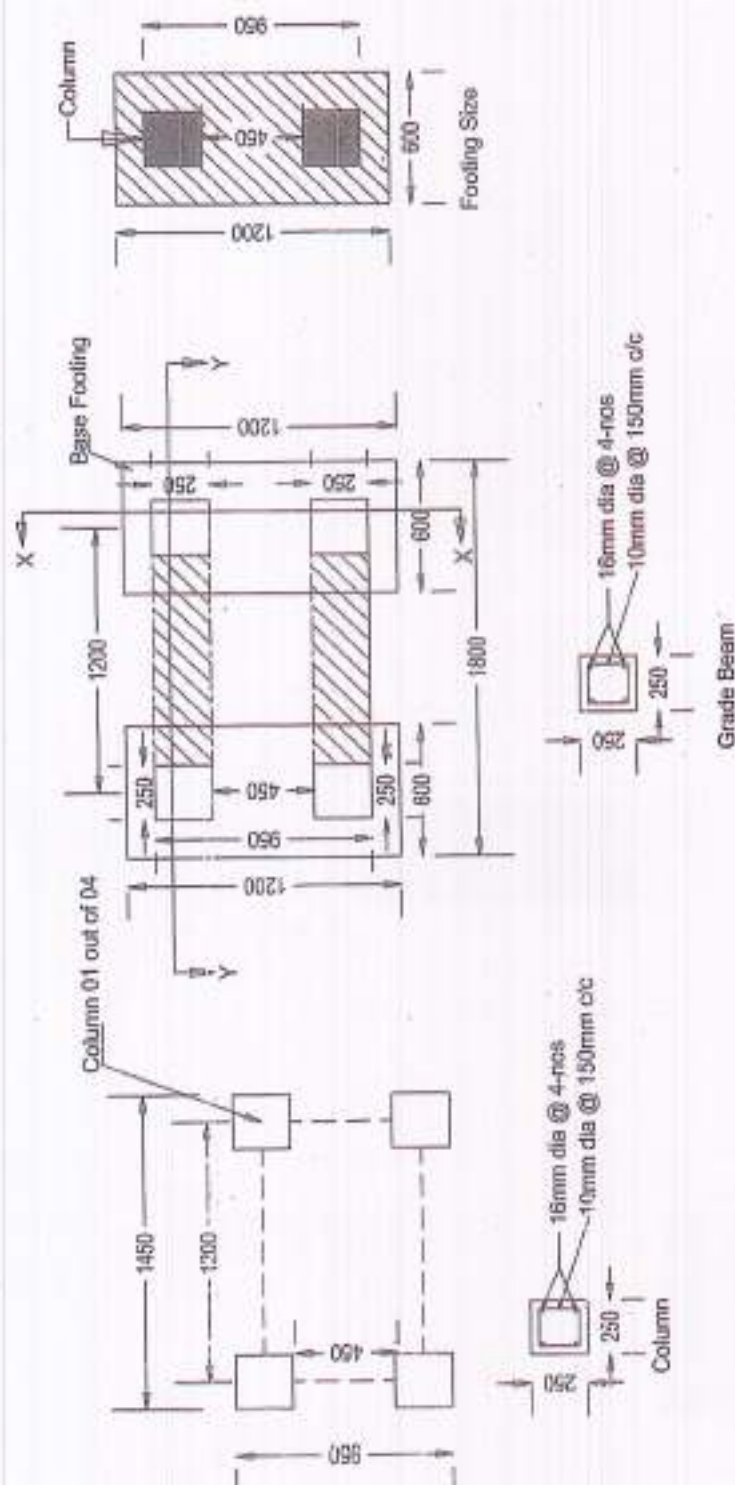




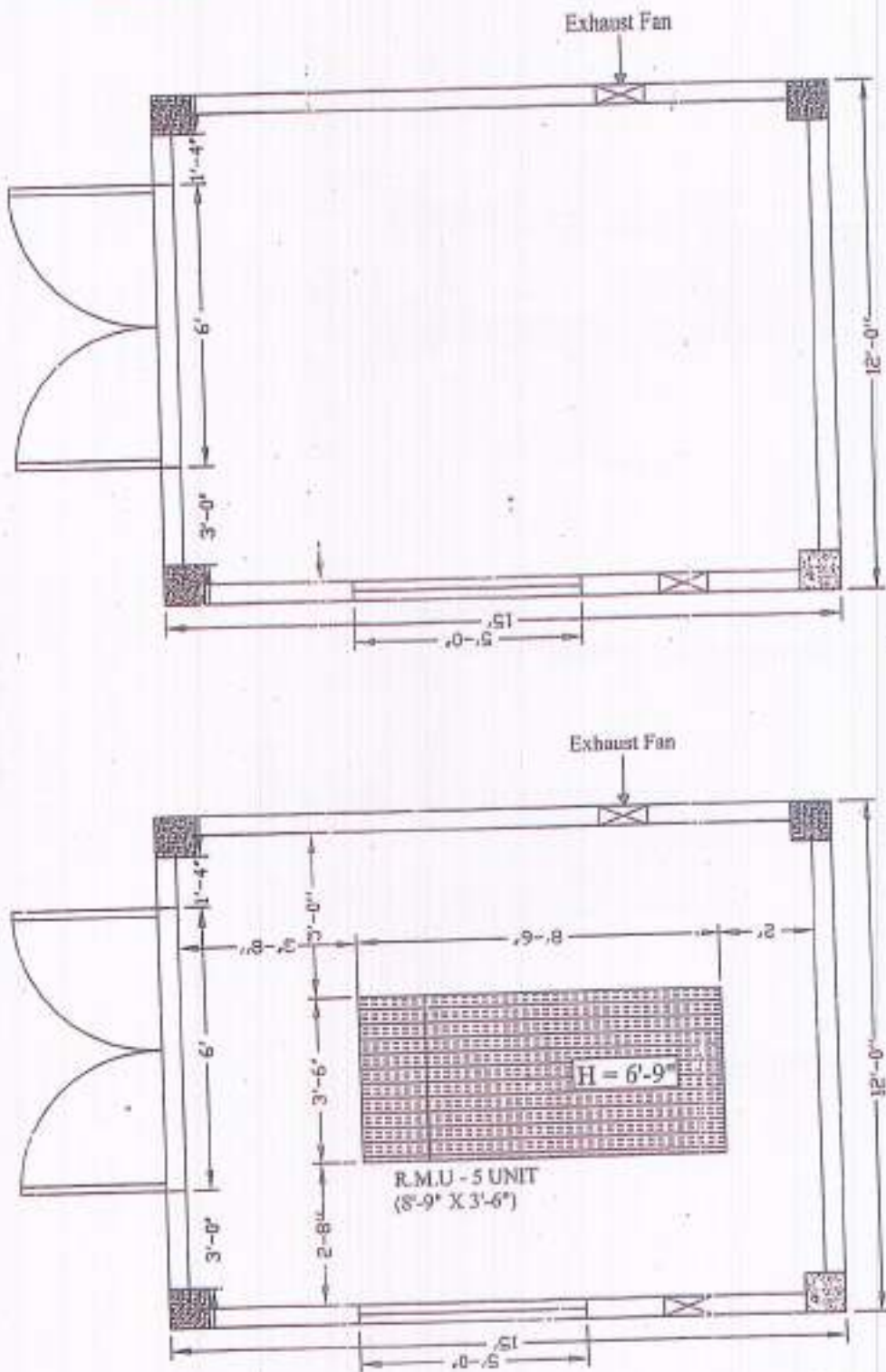


As per the drawing, the work shall be carried out as per the drawing.	Design by: <i>[Signature]</i> सहायक अभियंता (विद्युत विभाग)	Checked by: <i>[Signature]</i> सहायक अभियंता (विद्युत विभाग)	Verified by: <i>[Signature]</i> सहायक अभियंता (विद्युत विभाग)	Approved by: <i>[Signature]</i> सहायक अभियंता (विद्युत विभाग)	Project Name : सहायक अभियंता (विद्युत विभाग)
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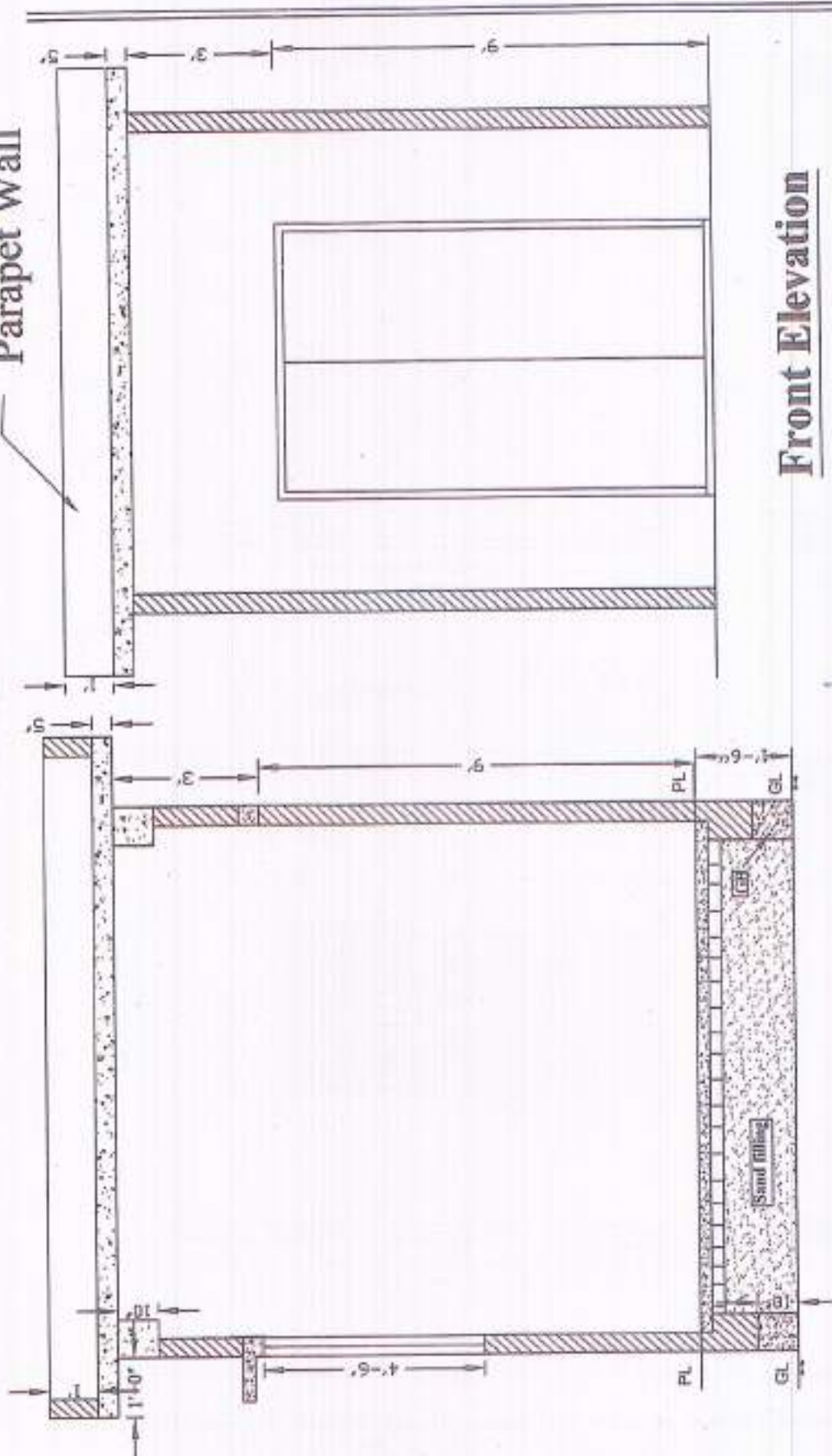


MAHARAJA ENGINEERING	Design by:	Checked by:	Approved by:	Project Name : Job Title: Foundation of LT/DK & related Civil Works
15/01/2022	(Signature)	(Signature)	(Signature)	Drawing Title: Foundation & Footing Section & Bar Details



Drawing by:	Design by:	Checked by:	Verified by:	Approved by:	Project Name:
1/1/2018 1/1/2018 1/1/2018	1/1/2018 1/1/2018 1/1/2018	1/1/2018 1/1/2018 1/1/2018	1/1/2018 1/1/2018 1/1/2018	1/1/2018 1/1/2018 1/1/2018	Job Title: R.M.U. Shed for 1 nos 5- and 1 no Drawing Title: Layout

Parapet Wall



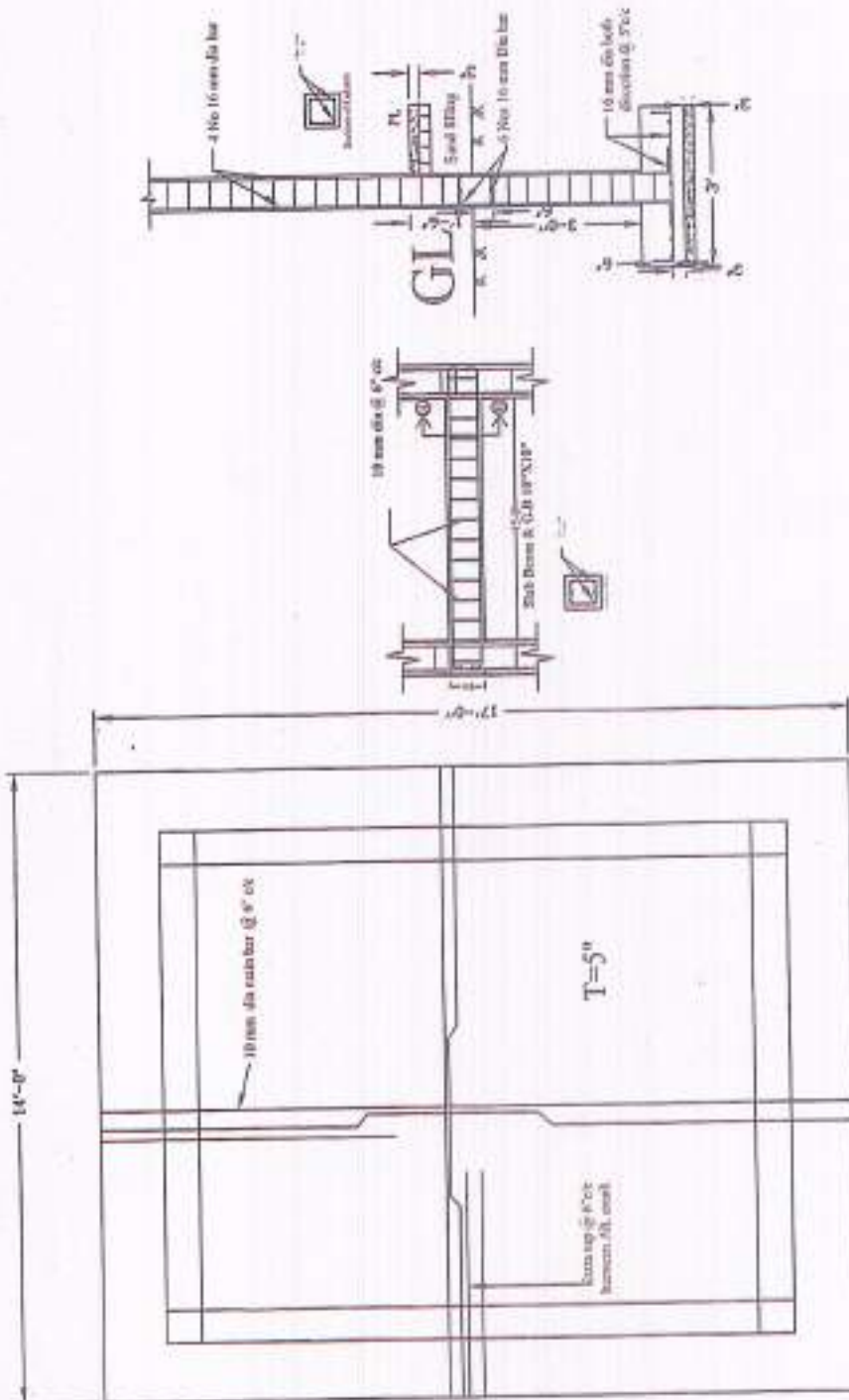
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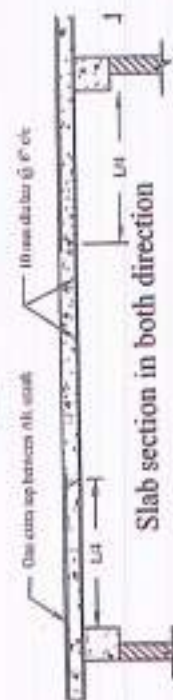
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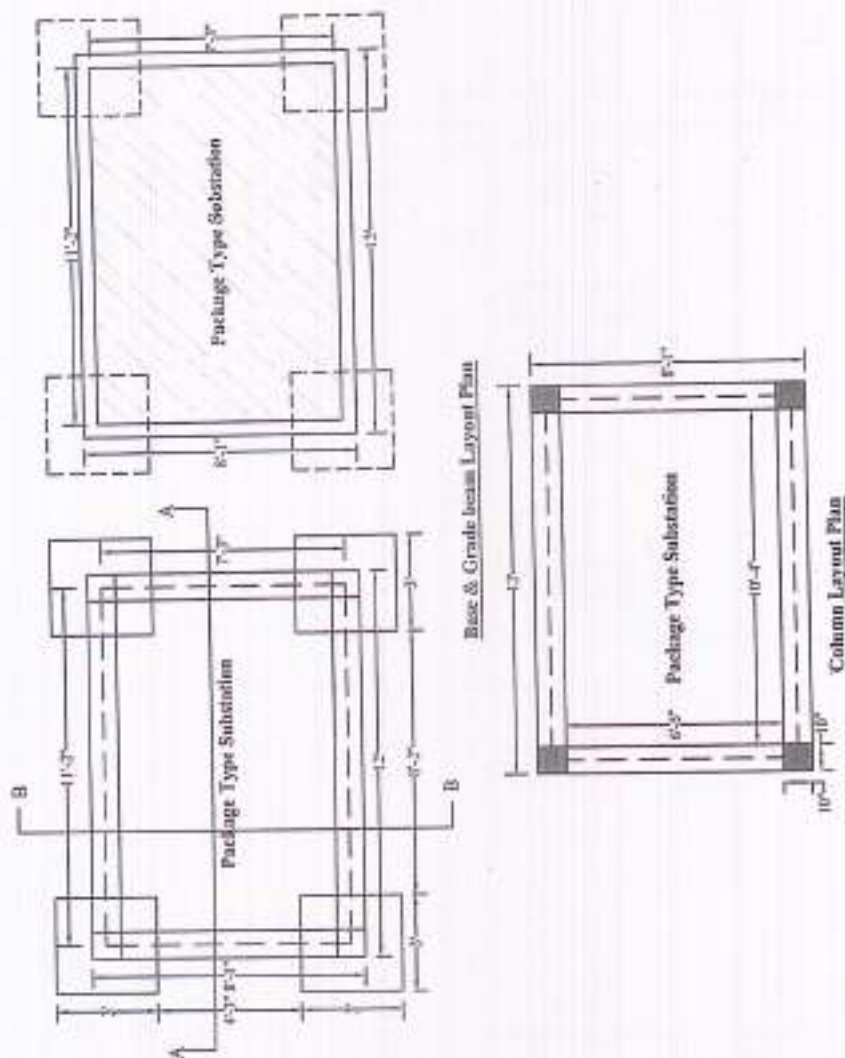
slab



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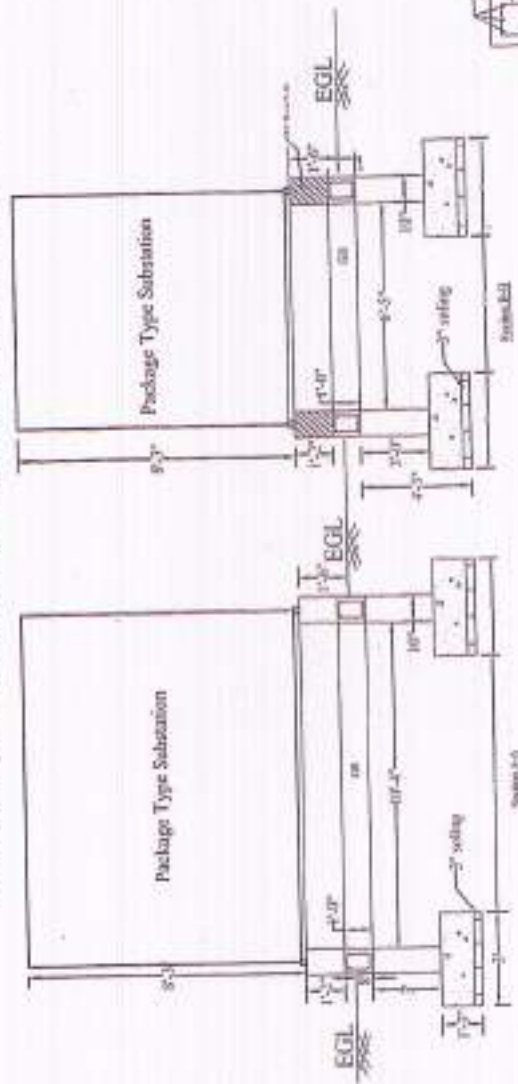
For use on site, please contact:
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Foundation design for Package type transformer foundation at Tongi S&D Division

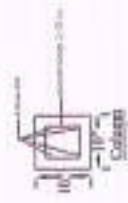
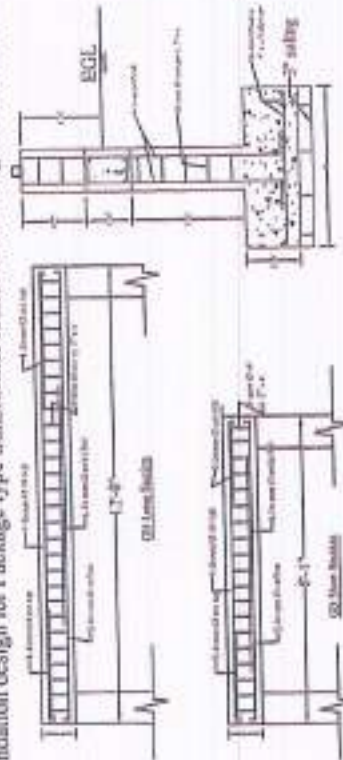


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					Drawing Title: Layout Plan

Foundation design for Package type transformer foundation at Tongi S&D Division

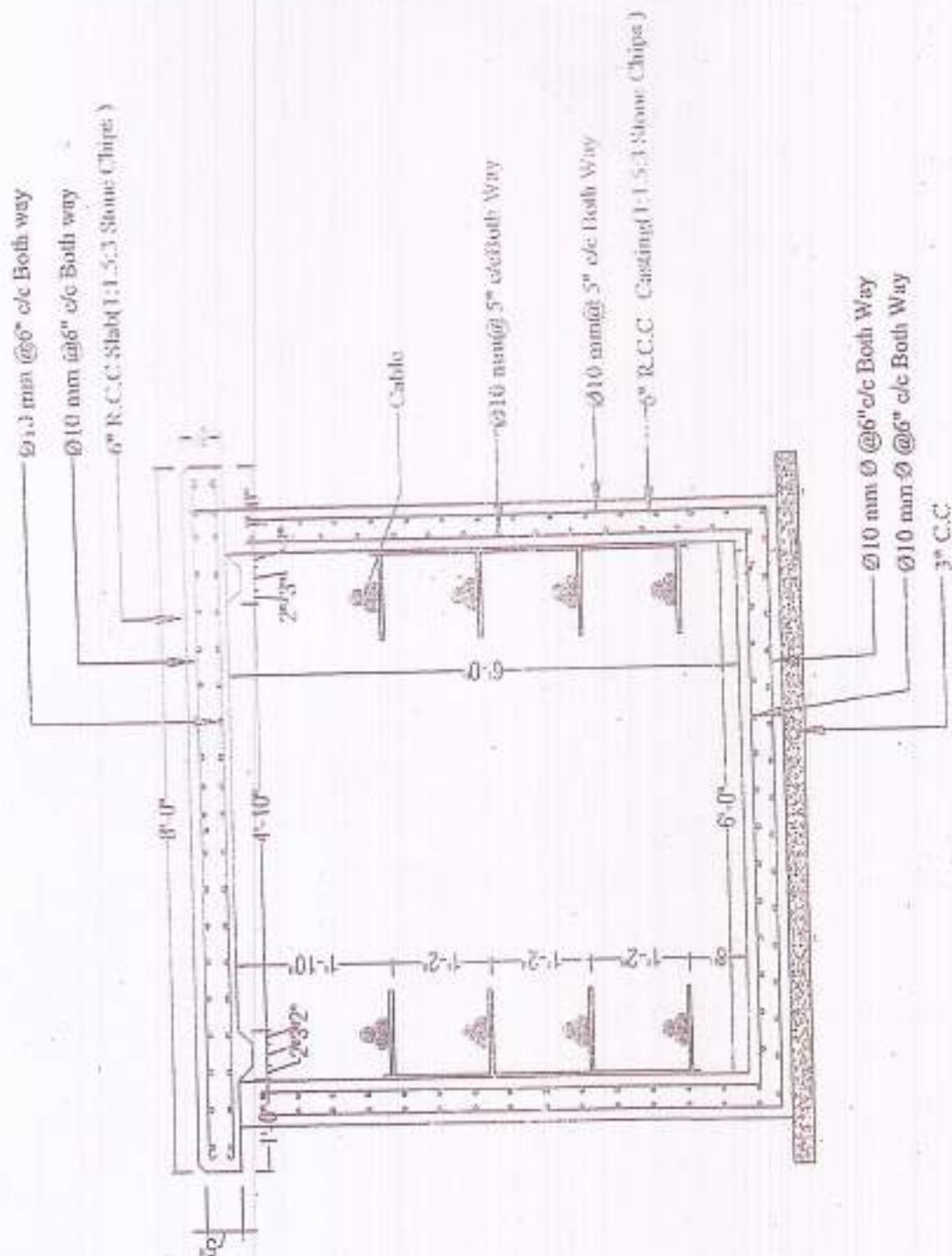


Foundation design for Package type transformer foundation at Tongi S&D Division



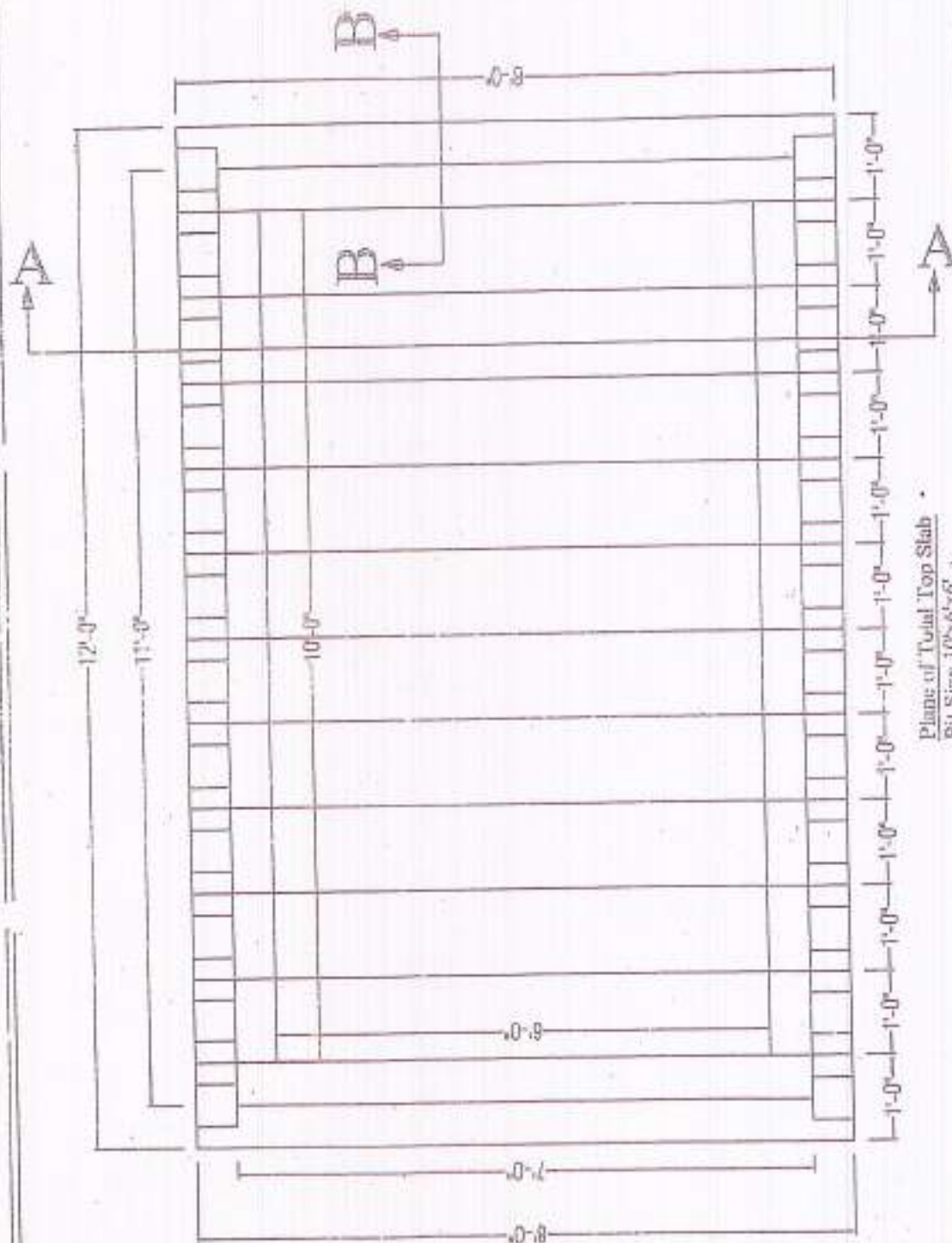
Footings, Grade beam & Column Section

Drawing by:	Design by:	Checked by:	Verified by:	Approved by:	Project Name :
Md. Humayun A. Rashid SCE 02/04/2018	Design by: SCE (02/04/2018)	Checked by: SCE (02/04/2018)	Verified by: SCE (02/04/2018)	Approved by:	Job Title: Package Type Substation
					Drawing Title: Section



Section A-A

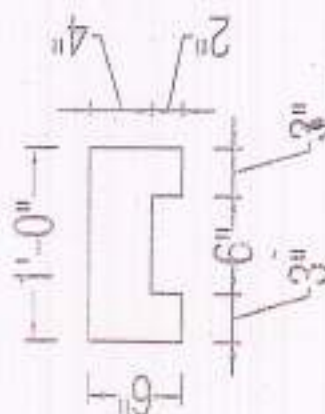
Drawn by: <i>[Signature]</i>	Design by: <i>[Signature]</i>	Checked by: <i>[Signature]</i>	Verified by: <i>[Signature]</i>	Approved by: <i>[Signature]</i>	Project Name: Construction of Cable R.C.C. Box	Date: [Blank]
					Sheet No.:	
					Drawing Title:	



Drawing by: Project Engineer (Civil) Dept. P.W.D. Office P.O. Box 1111, Addis Ababa	Design by:	Checked by:	Verified by:	Approved by:	Project Name:	Date:
					Construction of Cable R.C.C. Pit	Sheet No.:
					Drawing Title:	

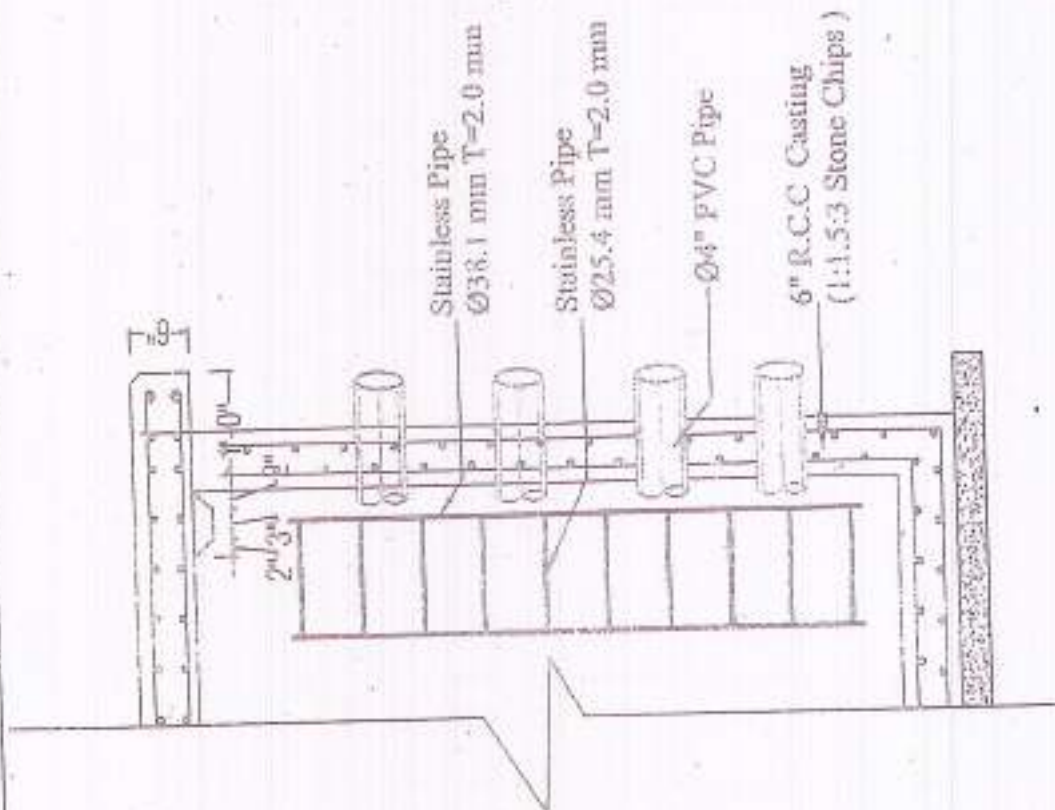


Plane of Top Slab



Section

Drawing by: Eng. Nizar H. Al-Hadi B.Sc. in Civil Engineering 1994 - 2000 15/03/2010, 10:00	Design by:	Checked by: 	Verified by: 	Approved by: 	Project Name:	Scale:
					Contractor of Work: H.C.C. (M)	Sheet No.:



Section B-B

Drawing No.	Checked by:	Verified by:	Approved by:	Project Name :	Date
				Construction of Cable R.C.C. Pile	Sheet No.
					Revision

Ø10mm @5"C/C Both way

Ø10mm @5"C/C Both way

MS Pit Cover

Ø10mm @6"C/C Both way

Ø10mm @6"C/C Both way

Cable

Ø10mm @6"C/C Both way

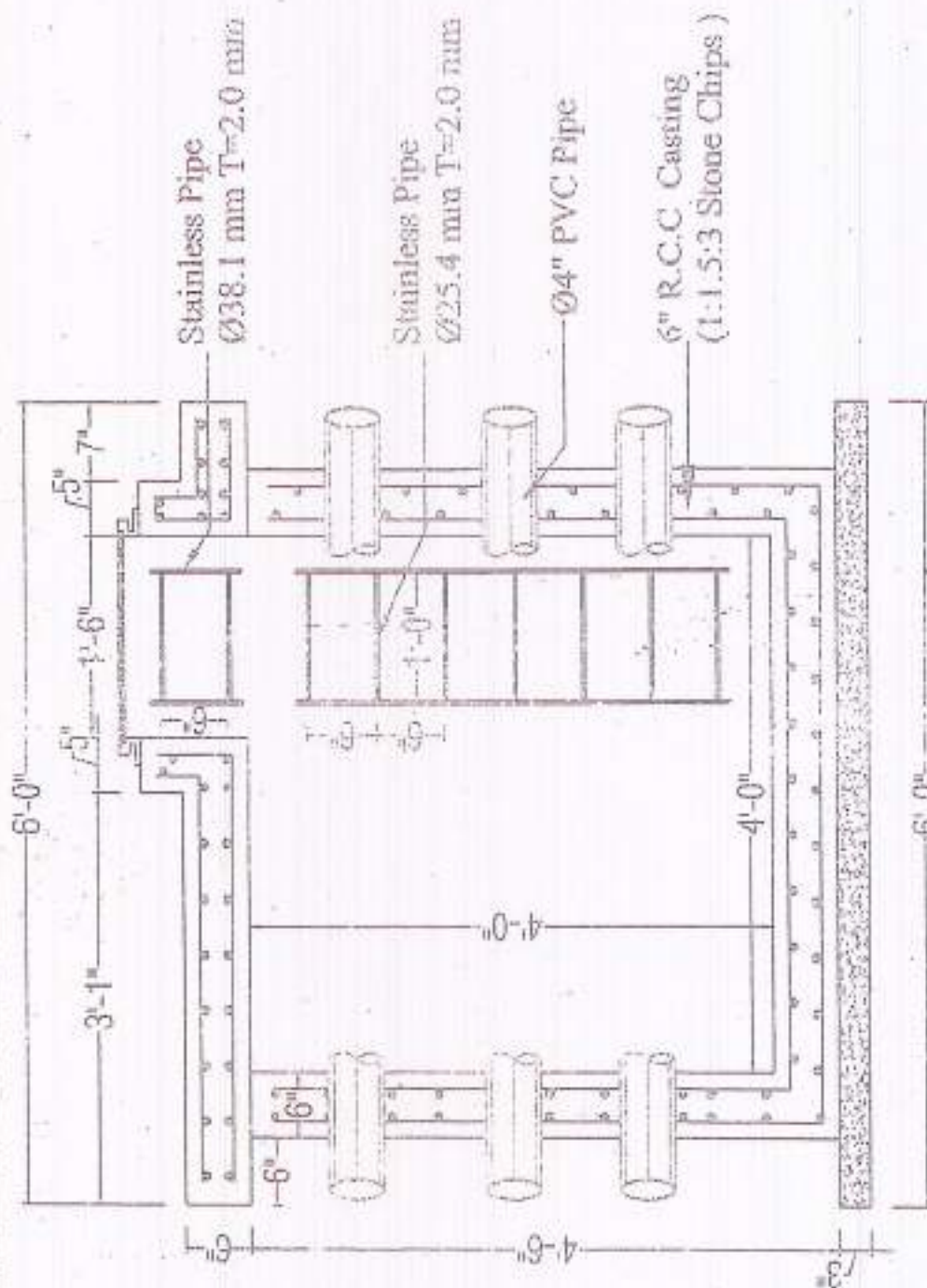
Ø10mm @6"C/C Both way

3" C.C

Section B-B

Pit Size 4'X4'X4'

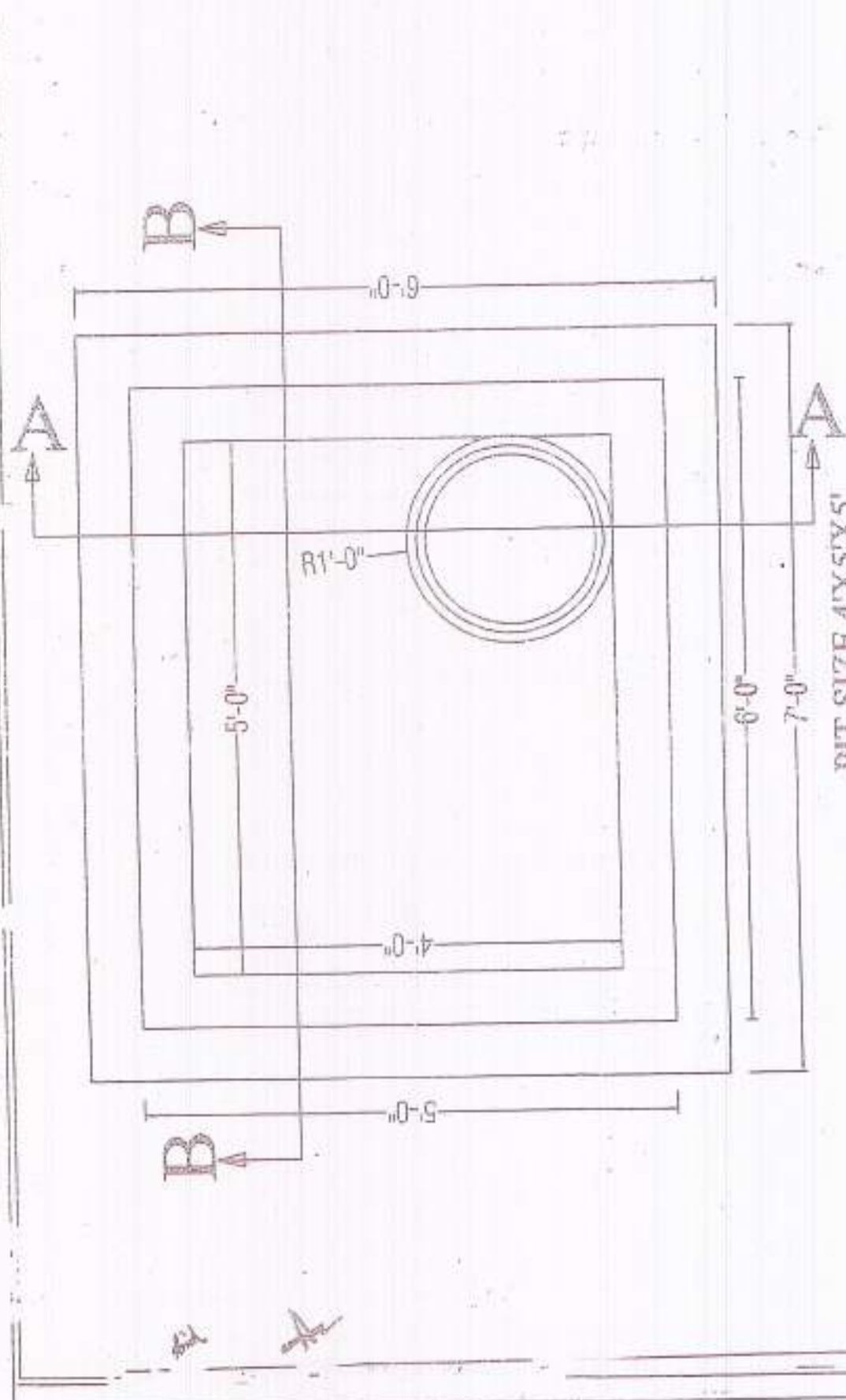
Design by:	Checked by:	Verified by:	Approved by:	Project Name:	Date:
				Construction of Cable P.C.C. Pit	
					Shaping Date:



Drawn by:	Design by:	Checked by:	Verified by:	Approved by:	Project Name:	Unit:
 Drawing by: <i>[Signature]</i> Date: 04/04/2018		 Checked by: <i>[Signature]</i>	 Verified by: <i>[Signature]</i>		Construction of 5.5m x 1.5m x 1.5m	Unit: <i>[Blank]</i> No. of sheets: <i>[Blank]</i> Total No. of sheets: <i>[Blank]</i> Sheet No. <i>[Blank]</i> of <i>[Blank]</i>

Drawn by:	Design by:	Checked by:	Verified by:	Approved by:	Project Name:	Unit:
 Drawing by: <i>[Signature]</i> Date: 04/04/2018		 Checked by: <i>[Signature]</i>	 Verified by: <i>[Signature]</i>		Construction of 5.5m x 1.5m x 1.5m	Unit: <i>[Blank]</i> No. of sheets: <i>[Blank]</i> Total No. of sheets: <i>[Blank]</i> Sheet No. <i>[Blank]</i> of <i>[Blank]</i>

Drawn by:	Design by:	Checked by:	Verified by:	Approved by:	Project Name:	Unit:
 Drawing by: <i>[Signature]</i> Date: 04/04/2018		 Checked by: <i>[Signature]</i>	 Verified by: <i>[Signature]</i>		Construction of 5.5m x 1.5m x 1.5m	Unit: <i>[Blank]</i> No. of sheets: <i>[Blank]</i> Total No. of sheets: <i>[Blank]</i> Sheet No. <i>[Blank]</i> of <i>[Blank]</i>



Design by:	Checked by:	Verified by:	Approved by:	Project Name:	Date:
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	Construction of 1344 U.C.T. 76	14/11/76
				Sheet No.:	

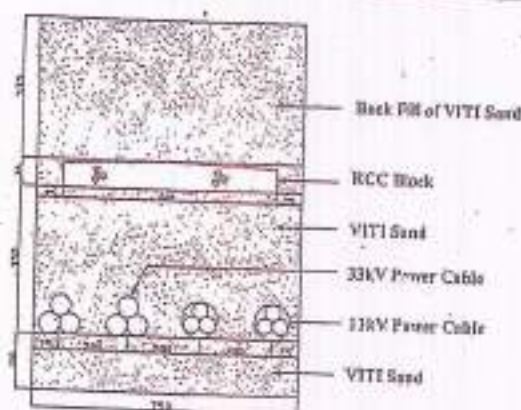
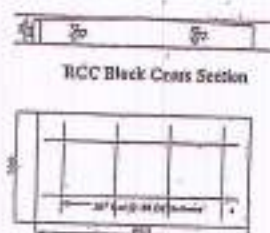


Fig- Trench Cross Section (0.75m)



RCC Block Cross Section

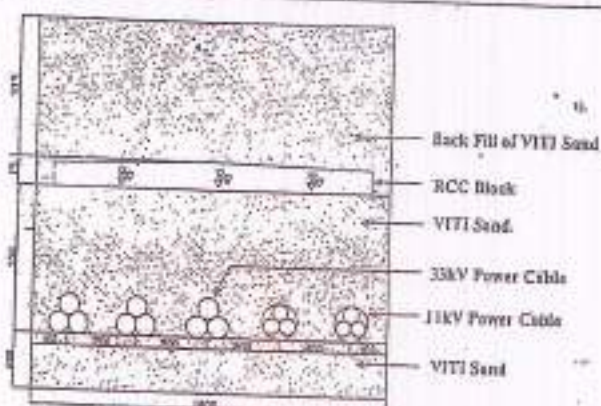


Fig- Trench Cross Section (1.0m)

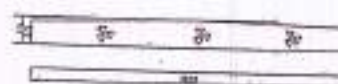
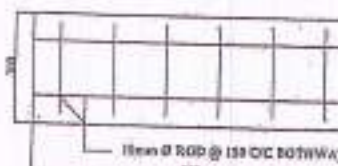


Fig-RCC Block Cross Section



Correction Factors for Depth of laying other than 0.75 m for Direct buried Cables

Depth of Laying	Single-Core Cable	Three-Core Cable
0.6 m	1.34	1.03
1.0 m	1.07	0.96
1.25 m	0.95	0.96
1.50 m	0.93	0.95
1.75 m	0.91	0.94
2.00 m	0.90	0.93

Correction Factors for groups of Three-core Cables in Horizontal formation laid Direct in Ground

No. of Cables in Group	Trenching	Spacing (Minimum between Cable Centres)
2	0.80	0.80
3	0.69	0.77
4	0.62	0.72
5	0.57	0.68
6	0.54	0.65
7	0.51	0.63

Correction Factors for groups of Three-Phase Circuits of Single-Core Cables laid Direct in Ground

No. of Cables in Group	Trenching	Spacing (Minimum between Cable Centres)
2	0.75	0.81
3	0.69	0.73
4	0.54	0.68
5	0.49	0.63
6	0.46	0.61
7	0.43	0.58

N.B. 1. More Spacing between Cable Centres & Group Centres will increase the capacity accordingly as per IEC 60502-2:2014
2. If the number of cables will be more than 7, then any combination of 0.75 m & 1.0 m Trench can be used.

Annexures: Formats

Format	Title
Format PW3-A	Invitation for Tender (IFT)
Format PW3-B	Joint-Venture (JV) Sample Agreement
Format PW3-C	Reporting Contract Award
Format PW3-D	Public Reporting on Contract Signing
Format PW3-E	Commencement of Works
Format PW3-F	Completion Certificate

Format: PW3-A: Invitation for Tenders (IFT)

The Invitation for Tenders (IFT) is a copy of the standard format as appears on the website and used for published advertisement that provides relevant and essential information to help Tenderers to decide whether or not to participate in the particular Tender. This is provided in the Tender Document for information only. This should not be included in the FINAL DOCUMENT.

Invitation for Tenders

[This is the website format and as used for published advertisement.

It is not part of the Tender Document and included in this Document for information only]

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH					
1	Ministry/Division	< select >			V
2	Agency	< select >			V
3	Procuring Entity Name	< type in name >			
4	Procuring Entity Code	Not used at present			
5	Procuring Entity District	< select >		V	
6	Invitation for	< select >	V	< select >	V
7	Invitation Ref No	< type in name >			
8	Date	< select >		V	
KEY INFORMATION					
9	Procurement Method	< select >	V	< select >	V
FUNDING INFORMATION					
10	Budget and Source of Funds	< select >	V		
11	Development Partners (if applicable)	< type in name >			
PARTICULAR INFORMATION					
12	Project / Program Code (if applicable)	< use MOF code >			
13	Project / Program Name (if applicable)	< use MOF name >			
14	Tender Package No.	< type in name >			
15	Tender Package Name	< type in name >			
		Date			
16	Tender Publication Date	< select >	V		
17	Tender Last Selling Date	< select >	V		
	<i>[up to the day prior to the day of Deadline for Submission]</i>				
		Date		Time	
18	Tender Closing Date and Time	< select >	V	< select >	V
19	Tender Opening Date and Time	< select >	V	< select >	V
20	Name & Address of the office(s)	Address			
	- Selling Tender Document (Principal)	< type in name >			

	- Selling Tender Document (Others)	< type in name >			
NO CONDITIONS APPLY FOR SALE, PURCHASE OR DISTRIBUTION OF TENDER DOCUMENTS					
21	- Receiving Tender Document	< type in name >			
	- Opening Tender Document	< type in name >			
	Place / Date / Time of	< type in name >			
	Pre-Tender Meeting (Optional)	Date		Time	
		< select >	V	< select >	V
INFORMATION FOR TENDERER					
22	Brief Eligibility and Qualification of Tenderer	< type in name >			
23	Brief Description of Works	< type in name >			
24	Brief Description of Physical Services	< type in name >			
25	Price of Tender Document (Tk)	< type in price >			
	Lot No	Identification of Lot	Location	Tender Security Amount (Tk)	Completion Time in Weeks/Months
26	1	< type in name >	< type in name >	< type in >	< type in >
27	2	< type in name >	< type in name >	< type in >	< type in >
28	3	< type in name >	< type in name >	< type in >	< type in >
29	4	< type in name >	< type in name >	< type in >	< type in >
30	Name of Official Inviting Tender	< type in name >			
31	Designation of Official Inviting Tender	< type in name >			
32	Address of Official Inviting Tender	< type in name >			
33	Contact details of Official Inviting Tender	< Tel. No. >	< Fax No. >	< e-mail >	
34	The Procuring Entity reserves the right to reject all the Tenders or annul the Tender proceedings				

<select> : these fields are "pop-up" fields and the procuring entity will only have to select the correct name, address or date in order to complete the form. <type in name> : these fields are to be completed by typing in the relevant data.

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

Format: PW3-B: JOINT VENTURE (JV) SAMPLE AGREEMENT

THIS JOINT VENTURE AGREEMENT ("Agreement"), made and entered into as of this ____ day of ____, 20__

by and between

(Lead partner of JV with address) hereinafter called as Lead Partner & First Party

and

(Other Individual Partner(s) with address) hereinafter called as other Partner & Second Party and

Title of the JV will be as (Title of the JV).

1. GENERAL PROVISIONS

1.01 Business Purpose.

The parties hereto agreed to form a Joint Venture (hereinafter called the "JV") by pooling their resources, expertise, technical know-how, equipment and materials to submit the following tender jointly and execution of the work in the event of being awarded the contract (hereinafter called the "Work").

1.02 Particulars of the Tender

Tender ID:

Tender Package No.:

Name of the Procuring Entity:

Description of the Tender:

1.03 Terms of the Agreement.

This Joint Venture shall commence on the date first above written and shall continue in existence until terminated, liquidated, or dissolved by law or as hereinafter provided.

1.04 Business Share (Note 1)

Lead Partner: -----% (in word)

Partner(s): -----%(in word)

Lead Partner (First Party) will be represented by Mr./Ms. (name, designation, firm/company name) and nominated representative or partner in charge of the JV.

Other Partner (Second Party) will be represented by Mr./Ms. (name, designation, firm/company name).

2. GENERAL DEFINITIONS

The following comprise the general definitions of terms used in this Agreement:

2.01 Partners.

A Partner of an entity is a person that, directly or indirectly through one or more intermediaries, controls, is controlled by or is under common control of such entity.

2.02 Capital Contribution(s).

The capital contribution to the Joint Venture actually made by the parties, including property, cash and any additional capital contributions made.

2.03 Profits and Losses.

Any income or loss of the Joint Venture for business and income tax purposes determined by the fiscal year, including, without limitation, each item of Joint Venture income, gain, loss or deduction.

3. OBLIGATIONS OF THE JOINT VENTURERS

3.01 Each partner of the Joint Venture shall be jointly and severally liable for the execution of the Contract, all liabilities and ethical and legal obligations in accordance with the Contract terms

3.02 However,(Name of Leading Partner), Lead Partner and the First Party shall have the authority to conduct all business for and on behalf of any and all the partners of the JV during the Tendering process and, in the event the JV is awarded the Contract, shall be responsible for the execution and administration of the Contract and management at Site with the satisfaction of the employer including the receipt of payments for and on behalf of the JV

4. FINANCIAL ASPECTS

4.01 Each partner of the JV shall bear the cost and expenses for the Contract in the proportionate ratio of business share mentioned above or as otherwise agreed to by them.

4.02 A Joint Venture account in the title of the Joint Venture shall be opened in a locally registered scheduled bank acceptable to both the parties and also to the employer.

4.03 All activities of JV related to the operation of Bank Account, signing bills and cheques and to conduct all financial transactions will be done by (name & designation, firm/company name), the First party and Lead Partner as per mutual agreement on behalf of the JV.

4.04 Commencing on the date hereof and ending on the termination of the business of the Joint Venture, all profits, losses and other allocations to the Joint Venture shall be allocated in the proportionate ratio of business share mentioned above.

5. SETTLEMENT OF DISPUTES

Any/all disputes arising of this Agreement shall be amicably and promptly settled upon consultation between the parties but, in case of failure, those disputes shall be settled in accordance with the prevailing law of Bangladesh.

6. INDEMNIFICATION OF THE JOINT VENTURERS

The parties to this Agreement shall have no liability to the other for any loss suffered which arises out of any action or inaction if, in good faith, it is determined that such course of conduct was in the best interests of the Joint Venture and such course of conduct did not constitute negligence or misconduct.

The parties to this Agreement shall each be indemnified by the other against losses, judgments, liabilities, expenses and amounts paid in settlement of any claims sustained by it in connection with

the Joint Venture.

7. TERMINATION OF JOINT VENTURE

The Joint Venture shall be dissolved upon the happening of any of the following events:

- a. In case of the Contract for the Tender is not awarded to JV.
- b. In case the Employer rejects the Tender.
- c. The Contract is completed to the satisfaction of the Employer and settlement of including but not limited to any/all duties, liabilities and responsibilities under or in connection with the contract is completely done.
- d. In case Joint Venture fails to submit its tender until its deadline.
- e. The adjudication of bankruptcy, filing of a petition pursuant to a chapter of the relevant bankruptcy legislation, withdrawal, removal or insolvency of either of the parties.
- f. The sale or other disposition, not including an exchange of all, or substantially all, of the Joint Venture assets.

8. CONFIDENTIALITY

None of the partner of the JV is allowed to disclose this agreement to any other third party for the interest of the JV if in contrary to the law of Bangladesh.

9. AMENDMENT

This agreement may at any time be amended by mutual agreement in writing between the parties hereto subject to the approval of the Employer.

10. MISCELLANEOUS PROVISIONS

10.01 Books and Records.

The Joint Venture shall keep adequate books and records at its place of business, setting forth a true and accurate account of all business transactions arising out of and in connection with the conduct of the Joint Venture.

10.02 Validity.

In the event that any provision of this Agreement shall be held to be invalid, the same shall not affect in any respect whatsoever the validity of the remainder of this Agreement.

10.03 Integrated Agreement.

This Agreement constitutes the entire understanding and agreement among the parties hereto with respect to the subject matter hereof, and there are no agreements, understandings, restrictions or warranties among the parties other than those set forth herein provided for.

10.04 Headings.

The headings, titles and subtitles used in this Agreement are for ease of reference only and shall not control or affect the meaning or construction of any provision hereof.

10.05 Notices.

Except as may be otherwise specifically provided in this Agreement, all notices required or permitted hereunder shall be in writing and shall be deemed to be delivered when deposited in the mail, postage prepaid, certified or registered mail, return receipt requested, addressed to the parties at their respective addresses set forth in this Agreement or at such other addresses as may be subsequently specified by written notice.

10.06 Applicable Law and Venue.

This Agreement shall be construed and enforced under the laws of Bangladesh.

10.07 Other Instruments.

The parties hereto covenant and agree that they will execute each such other and further instruments and documents as are or may become reasonably necessary or convenient to effectuate and carry out the purposes of this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

1. Name, signature and seal of the Lead Partner

2. Names, signatures and seals of the other Partner(s)

Signed, sealed and delivered in the presence of:

Witnesses:

1.

2.



Format PW3-C: Reporting Contract Award

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH	
1	Ministry/Division
2	Agency
3	Procuring Entity Name
4	Procuring Entity Code
5	Procuring Entity District
6	Contract Award for
7	Invitation/Proposal Ref. No
KEY INFORMATION	
8	Procurement Method
FUNDING INFORMATION	
9	Budget and Source of Funds
10	Development Partners (if applicable)
PARTICULAR INFORMATION	
11	Project/Program Code (if applicable)
13	Project/Program Name (if applicable)
14	Tender/Proposal Package No.
15	Tender/Proposal Package Name
16	Date of Advertisement
17	No. of Tenders/Proposals Sold
18	No. of Tenders/Proposals Received
19	No. of Responsive Tenders/Proposals
20	Name of Responsive Tenderers/Consultants
21	Date of Notification of Award
INFORMATION ON AWARD	
22	Accepted Tender/Proposal Price
23	Name of the Successful Tenderer/Consultant
24	Tenderer ID of the Successful Tenderer/Consultant (if any)
PROCURING ENTITY DETAILS	
25	Name of Authorized Officer
26	Designation of Authorized Officer

Format: PW3-D: Public Reporting on Contract Signing

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH		
1	Ministry/Division	
2	Agency	
3	Procuring Entity Name	
4	Procuring Entity Code	
5	Procuring Entity District	
6	Contract Award for	
7	Invitation/Proposal Ref. No	
KEY INFORMATION		
8	Procurement Method (National/International)	
FUNDING INFORMATION		
9	Budget and Source of Funds	
10	Development Partners (if applicable)	
PARTICULAR INFORMATION		
11	Project/Program Code (if applicable)	
13	Project/Program Name (if applicable)	
14	Tender/Proposal Package No.	
15	Tender/Proposal Package Name	
16	Date of Advertisement	
17	Date of Notification of Award	
18	Date of Contract Signing	
19	Expected Date of Contract Completion	
INFORMATION ON CONTRACT AND BENEFICIAL OWNERSHIP		
20	Contract Price	
21	Name of the Economic Operator (Supplier/Contractor/Service Provider/ Consultant)	
22	Tenderer ID of the Economic Operator (if any)	
23	Name of the Owner/Partners/CEO or MD/ Directors/Shareholders of the Economic Operator (As per NID)	
24	NID Number of the Owner/Partners/ CEO or MD/ Directors/Shareholders of the Economic Operator	
25	Business Address of the Economic Operator	
26	Location of Delivery/Works/Service Delivery	
PROCURING ENTITY DETAILS		






27	Name of Authorized Officer
28	Designation of Authorized Officer

Note: 1. For any contract above BDT 10.00 Lac, Information on Beneficial Ownership need to be provided.

2. For the purposes of this Form, a Beneficial Owner of a Tenderer or Consultant is any natural person who ultimately owns or controls the Tenderer or Consultant.

3. Directors means the members of the Board of Directors for any incorporated body.

4. Shareholders are those who have 10% of issued shares for any incorporated body.

5. State-Owned Enterprises (SOEs) will be excused from providing such information.

PH

PH

PH

Format: PW3-E: Letter of Commencement of Works

Office Memo No:

Date:

To:

[Name of Contractor]

[Address]

Contract Reference:

Pursuant to GCC Sub Clause 39.1 of the above-mentioned Contract Agreement, this is to notify you that the following precedent conditions have been duly fulfilled:

- (i) the Contract Agreement has been signed;
- (ii) the possession of the Site has been given; and
- (iii) the advance payment has been made *(delete if not appropriate)*.

You are therefore requested to:

1. Commence execution of the Works, in accordance with GCC Sub Clause 1.1(qq), within *(specify date)*;
2. Submit Insurance Policy Documents, in accordance with GCC Sub Clause 36.2, within *(specify date)*;
3. Submit Program of Works, in accordance with GCC Sub Clause 41.1, within *(specify date)*.

	Signed
	Duly authorised to sign for and on behalf of <i>[name of Procuring Entity]</i>
	Date:

Format: PW3-F: Completion Certificate

LOGO

[Insert Full Contact Details of Issuing Authority]

COMPLETION CERTIFICATE

Office Memo no: _____

Date: _____

01	Procuring Entity Details		
	(a) Division	:	
	(b) Circle/Directorate	:	
	(c) Zone/Region	:	
	(d) Others (specify)	:	
02	Name of Works	:	
03	Contract No	:	
04	Contractor's Legal Title	:	
05	Contractor's Contact Details	:	
06	Contractor's Trade License/Enlistment/Registration Details	:	
07	Reference to NOA with Date	:	
08	Original Contract Price as in NOA	:	
09	Revised Contract Price		
10	Final Contract Price as Executed	:	
	Original Contract Period		
11	(a) Date of Commencement	:	
	(b) Date of Completion	:	
	Actual Implementation Period		
12	(a) Date of Actual Commencement	:	

	(b) Date of Actual Completion	:	
13	Days/Months Contract Period Extended	:	
14	Amount of Bonus for Early Completion	:	
15	Amount of LD for Delayed Completion	:	
16	Physical Progress in Percent (in terms of value)	:	
17	Financial Progress in Amount (in terms of payment)	:	
18	Special Note (if any)	:	

Certified that the Works under the Contract has been executed and completed in all respects in strict compliance with the provisions of the Contract including all plans, designs, drawings, specifications and all modifications thereof as per direction and satisfaction of the Project Manager/Engineer-in Charge/Other (specify). All defects in workmanship and materials reported during construction have been duly corrected.

Name and Signature of the Issuing Authority with Designation

please turn over

Details of Works Completed

Contractor: [insert legal title]		
No	Major Components of Works	Total Value (in Contract Currency)

Joint Venture

[delete, if not appropriate]

Leading Partner: [insert legal title and Business share (%)]		
No	Components/Activities [reference drawn to JV Partner Information]	Value (in Contract Currency)

Co-partner: [insert legal title and Business share (%)]		
No	Components/Activities [reference drawn to JV Partner Information]	Value (in Contract Currency)

Co-partner: [insert legal title and Business share (%)]		
No	Components/Activities [reference drawn to JV Partner Information]	Value (in Contract Currency)

Note: Figures shown must correspond to Total Value

Sub-Contractor

[delete, if not appropriate]

Named Sub-contractor: [insert legal title] [delete, if not appropriate]		
No	Components/Activities [reference drawn to Sub-contractor Information]	Value (in Contract Currency)
Nominated Sub-contractor: [insert legal title] [delete, if not appropriate]		
No	Components/Activities [reference drawn to PCC of Contract Document]	Value (in Contract Currency)

Name and Signature of the Issuing Authority with Designation



