

## **BANGLADESH POWER DEVELOPMENT BOARD**

### **TENDER DOCUMENT FOR**

**Procurement of Spares with Related Works for 16K Hours Schedule Maintenance, L-3 Maintenance and Other Necessary Maintenance of 10 (Ten) Nos. of Engine Generating Set for Hathazari 100 MW Peaking Power Plant, BPDB, Hathazari, Chattogram, Bangladesh.**

**(Open Tendering Method)**

(International Competitive Tender)

**AGAINST TENDER REFERENCE NO.: 27.11.0000.304.24.334.24;  
DATED: 12/05/2024**

**DIRECTORATE OF PURCHASE  
BANGLADESH POWER DEVELOPMENT BOARD  
WAPDA BUILDING (9<sup>TH</sup> FLOOR), MOTIJHEEL, C/A.  
DHAKA, BANGLADESH**

May'2024

## **REJECTION CLAUSES**

### **(Tender must comply with the following criteria, otherwise tender shall be rejected)**

1. Tenderer shall have to comply with Eligibility criteria (ITT 5), Experience criteria (ITT 14), Financial Criteria (ITT 15) and material supplied must be eligible (ITT 6.1);
2. Tenderer must submit required experience Criteria in support of his experience and must submit a certificate from the End-User in support of his experience [TDS(ITT14.1b)];
3. If the Tenderer is a Joint Venture, Consortium or Associations (JVCA), JVCA agreement or Letter of Intent along with the proposed agreement duly signed by all partners of the intended JVCA and authenticated by a Notary Public must be submitted (ITT 18.1);
4. For JVCA, lead partner and its other partners must meet minimum qualification criteria (ITT 18.2);
5. A Tenderer shall submit only one (1) Tender, either individually or as a JVCA (ITT 20);
6. Tender Submission Letter (Form PW3-1) & Tenderer Information (Form PW3-2) shall be properly filled up by the Tenderer (ITT 24.1 a & b) otherwise tender will be rejected;
7. Bill of Quantities using the form(s) furnished in Section 6: Bill of Quantities shall be properly filled up by the Tenderer (ITT 25.2, 51.2). Tenderers are not allowed to change/ modify the format of Price Schedule.
8. If the Tenderer is not manufacturer, Manufacturer's Authorisation Letter for the items mentioned in TDS must be submitted to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply the Goods to Bangladesh [TDS{ITT24.1(l)(2)}];
9. Tenderer have to submit Complete CV (Form PW3-5) of maintenance expert for performing the works. [ITT (TDS 31.1(d));
10. The Tenderer shall have to submit with the tender the guarantee/ warranty certificate of the works and its satisfactory performance during warranty period 12 (twelve) months or 8000 EOH from the date of issuing Provisional Acceptance Certificate (PAC) whichever comes first. [TDS{ITT24.1 (l)(5)}];
11. The Tenderer shall have to submit with the tender the Certificate from the manufacturer or authorized entities of manufacturer confirming that offered system/ Equipment/items/spares are new, unused & in good condition and will fit properly without any modification of existing system. [TDS{ITT 24.1 (l)(4)}];
12. Tender shall be accompanied by a valid Tender Security in accordance with [TDS (ITT 35.1)].
13. Tenderer must comply completion period as per clause PCC (GCC 1.1(Y)) PCC(GCC 2.5);
14. Tender shall remain valid for the period specified in the TDS after the date of Tender submission deadline (ITT 33.1);
15. Tender must be accompanied by Letter of Authorization to sign the Tender on behalf of the Tenderer (ITT 24.1f, 51.2);
16. Tender must comply the scope of Supply & work as stated under General Specification, Section 7, without any material deviation or reservation (ITT 52.2);
17. Tenderer must submit Certificate confirming compliance to the terms and conditions of the Tender Document [ITT{TDS 24.1(l)(7)}]
18. Tenderer shall have to comply with the payment terms [PCC (GCC 66.1)];
19. If the items are offered from the other manufacturer than the OEM of the Engine Manufacturer for the 16K Schedule Maintenance Spares, Tenderer shall have to submit at least 01 (one) end-user certificate [TDS{ITT 24.1(l)(8)}];
20. Tenderer have to submit Original printed catalogue/technical literature, detail technical specification, dimensional drawings for System, Equipment/Materials/items/spares from manufacturer. [ITT (TDS 31.1(f));
21. Tenderer must submit Sealed & signed original Tender Document by a person duly authorized to sign on behalf of the Tenderer [ITT{TDS 24.1(l)(10)}]

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# Section 1. Instructions to Tenderers

## A. General

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 and associated Services 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 and physical services as specified in the General Conditions of Contract
2. Interpretation
  - 2.1 Throughout this Tender Document:
    - (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 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 and Physical Services to a Procuring Entity in response to an Invitation for Tender.
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 Procuring Entities under Government budget, or loan, grants and credits placed at the disposal of Procuring Entities through the Government by the development partners or foreign states or organisations.
  - 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 Loan / Credit / Grant Agreement, and will be subject in all respects to the terms and conditions of that Agreement.

4. Corrupt, Fraudulent, Collusive or Coercive Practices
- 4.1 The Government requires that Procuring Entities, as well as Tenderers and Contractors 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, giving or promising to give, receiving, or soliciting either directly or indirectly, to any officer or employee of a Procuring Entity or other public or private authority or individual, a gratuity in any form; employment or any other thing or service of value as an inducement with respect to an act or decision or method followed by a Procuring Entity in connection with a Procurement proceeding or Contract execution;
  - (b) “fraudulent practice” means the misrepresentation or omission of facts in order to influence a decision to be taken in a Procurement proceeding or Contract execution;
  - (c) “collusive practice” means a scheme or arrangement between two (2) or more Persons, with or without the knowledge of the Procuring Entity, that is designed to arbitrarily reduce the number of Tenders submitted or fix Tender prices at artificial, non-competitive levels, thereby denying a Procuring Entity the benefits of competitive price arising from genuine and open competition; or
  - (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 of evidence material to the investigation or making false statements to investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation.
- 4.3 Should any corrupt, fraudulent, collusive, coercive or obstructive practice of any kind come to the knowledge of the Procuring Entity, it will, in the first place, allow the Tenderer to provide an explanation and shall, take actions only when a satisfactory explanation is not received. Such exclusion and the reasons thereof, shall be recorded in the record of the procurement proceedings and promptly communicated to the Tenderer concerned. Any communications between the Tenderer and the Procuring Entity related to matters of alleged corrupt, fraudulent, collusive, coercive, or obstructive practices shall be in writing.



- 4.4 If corrupt, fraudulent, collusive, coercive or obstructive practices of any kind is determined by the Procuring Entity against any Tenderer or Contractor in competing for, or in executing, a contract under public fund, the Procuring Entity shall :
- (a) exclude the concerned Tenderer from further participation in the concerned procurement proceedings;
  - (b) reject any recommendation for award that had been proposed for that concerned Tenderer; and
  - (c) declare, at its discretion, the concerned Tenderer to be ineligible to participate in further Procurement proceedings, either indefinitely or for a specific period of time.
- 4.5 The Tenderer shall be aware of the provisions on corruption, fraudulence, collusion, coercion and obstruction as stated in GCC Clause 39 and 89.1(b)(vii).
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 A Tenderer 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, Consortium or Association (JVCA) invited to take part in public procurement or seeking to be so invited or submitting a Tender in response to an Invitation for Tenders.
- 5.3 A 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.
- 5.4 The Tenderer shall have the legal capacity to enter into the Contract.
- 5.5 Tenderers should not be associated, or have been associated in the past, directly or indirectly, with a consultant or any of its affiliates 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.
- 5.6 The Tenderer 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 for corrupt, fraudulent, collusive, coercive, or obstructive practices as stated under ITT Sub Clause 4.4.
- 5.7 The Tenderer with a poor performance, consistent history of litigation or arbitration awards against it shall not be eligible to Tender.
- 5.8 The Tenderer 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.

- 5.9 The Tenderer shall have fulfilled its obligations to pay taxes and social security contributions under the provisions of laws and regulations of the country of its origin.
- 5.10 Tenderers shall provide such evidence of their continued eligibility satisfactory to the Procuring Entity, as the Procuring Entity will reasonably request.
- 5.11 These requirements for eligibility will extend, as applicable, to each JVCA partner and Subcontractor proposed by the Tenderer.
- 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 Equipments are mined, grown, cultivated, produced or manufactured or processed, or through manufacturing, processing, or assembly, 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 The Tenderer is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Tender and entering into a contract for construction of the Works.
  - 7.2 The Tenderer and any of its personnel or agents will be granted permission by the Procuring Entity to enter into its premises and lands for the purpose of such visit, but only upon the express condition that the Tenderer, its personnel, and agents will release and indemnify the Procuring Entity and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.
  - 7.3 The Tenderer should ensure that the Procuring Entity is informed of the visit in adequate time to allow it to make appropriate arrangements.
  - 7.4 The costs of visiting the Site shall be at the 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 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 stated in the **TDS**.
- 8.3 The Tenderer is 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 indicated in the **TDS**.
- 9.2 A 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 revise the Tender Document as a result of a clarification, it will do so following the procedure under ITT Clause 11 and ITT Sub Clause 42.2.
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 The Tenderer is requested to submit any questions in writing so as to reach the Procuring Entity no 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.
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 three (3) working days of issuance of such Addendum, to enable Tenderers to take appropriate action.
- 11.3 The Tenderers will acknowledge receipt of an Addendum within three (3) working days.
- 11.4 Procuring Entities shall also ensure posting of the relevant addenda with the reference number and date on their websites including notice boards, where the Procuring Entities had originally posted the IFTs.
- 11.5 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 42.2.
- 11.6 If an addendum is issued when time remaining is less than **one-third** of the time allowed for the preparation of Tenders, a 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 The Tenderer 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.
- 12.2 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 Tenderer shall demonstrate having resources and experience sufficient to meet the aggregate of the qualifying criteria for the individual contracts.
13. Litigation History
- 13.1 Litigation history shall comply with the requirement as specified in ITT 15.1(c).
14. Experience Criteria
- 14.1 The Tenderer 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 of a nature, complexity and methods/construction technology similar to the proposed Works in at least a number of contract(s) and of a minimum value over the period, as specified in the **TDS**.
15. Financial Criteria
- 15.1 The Tenderer shall have the following minimum level of financial capacity to qualify for the performance of the Works under the Contract.
- (a) the average annual **construction** turnover as specified in the **TDS** during the period specified in the **TDS**;
  - (b) availability of minimum liquid assets or working capital or credit facilities, as specified in the **TDS**; and
  - (c) satisfactory resolution of all claims, arbitrations or other litigation cases and shall not have serious negative impact on the financial capacity of the Tenderer.
16. Personnel Capacity
- 16.1 The Tenderer shall have the following minimum level of personnel capacity to qualify for the performance of the Works under the Contract:
- (a) a Construction Project Manager, Engineers, and other key staff with qualifications and experience as specified in the **TDS**;

17. Equipment Capacity
- 17.1 The Tenderer 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**.
18. Joint Venture, Consortium or Association (JVCA)
- 18.1 The Tenderer may participate in the procurement proceedings forming a Joint Venture, Consortium or Associations (JVCA) by an agreement, executed case by case on a non judicial stamp of value as stated in **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 partners of the intended JVCA and authenticated by a Notary Public .
- 18.2 The figures for each of the partners of a JVCA shall be added together to determine the Tenderer's compliance with the minimum qualifying criteria; however, for a JVCA to qualify, lead partner and its other partners must meet the criteria stated in the **TDS**. Failure to comply with these requirements will result in rejection of the JVCA Tender. Subcontractors' experience and resources will not be taken into account in determining the Tenderer's compliance with the qualifying criteria.
- 18.3 Each partner of the JVCA 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.
- 18.4 The JVCA shall nominate a Representative (partner-in-charge) who shall have the authority to conduct all business for and on behalf of any and all the partners of the JVCA during the tendering process and, in the event the JVCA is awarded the Contract, during contract execution including the receipt of payments for and on behalf of the JVCA.
- 18.5 Each partner of the JVCA shall complete the JVCA Partner Information **(Form PW3-3)** for submission with the Tender.
19. Subcontractor(s)
- 19.1 A Tenderer may intend to subcontract an activity or part of the Works, in which case such elements and the proposed Subcontractor shall be clearly identified.
- 19.2 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 Tenderer to propose an acceptable substitute.
- 19.3 The Procuring Entity may also select nominated Subcontractor(s) to execute certain specific components of the Works and if so, those will be specified in the **TDS**.
- 19.4 The successful Tenderer shall under no circumstances assign the Works or any part of it to a Subcontractor.

- 19.5 Each Subcontractor shall complete the Subcontractor Information **(Form PW3-4)** for submission with the Tender.

## D. Tender Preparation

20. Only one Tender 20.1 A Tenderer shall submit only one (1) Tender for each lot, either individually or as a JVCA. The Tenderer who submits or participates in more than one (1) Tender in one (1) lot will cause all the Tenders of that particular Tenderer to be rejected.
21. Cost of Tendering 21.1 The Tenderer 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.
22. Issuance and Sale of Tender Document 22.1 A Procuring Entity shall make Tender Documents available immediately to the potential Tenderers, requesting and willing to purchase at the corresponding price if the advertisement has been published in the newspaper.
- 22.2 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.
23. Language of Tender 23.1 The Tender shall be written in the English language. Correspondences and documents relating to the Tender may be written in English or *Bangla*. Supporting documents and printed literature furnished by the Tenderer 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 *Bangla* language, in which case, for purposes of interpretation of the Tender, such translation shall govern.
- 23.2 The Tenderer shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.
24. Contents of Tender 24.1 The Tender prepared by the Tenderer will comprise the following:
- (a) the Tender Submission Letter in accordance with ITT Clause 25 **(Form PW3-1)**;
  - (b) Tenderer Information in accordance with ITT Clauses 5,29 and 32 **(Form PW3-2)**;
  - (c) the priced Bill of Quantities for each lot in accordance with ITT Clauses 25,27 and 28;
  - (d) Tender Security as stated under ITT Clauses 35, 36 and 37.
  - (e) alternatives, if permissible, as stated under ITT Clause 26;
  - (f) written confirmation authorizing the signatory of the Tender to commit the Tenderer, as stated under ITT Sub Clause 40.3;
  - (g) Valid Trade license ;
  - (h) documentary evidence of Tax Identification Number (TIN) and Value Added Tax (VAT) as a proof of taxation obligations as stated under ITT Sub Clause 5.9;

- (i) documentary evidence as stated under ITT Clause 29 establishing the Tenderer's qualifications to perform the Contract if its tender is accepted;
- (j) Technical Proposal describing work plan & method, personnel, equipment and schedules as stated under ITT Clause 31;
- (k) documentary evidence as stated under ITT Clause 32 establishing the minimum qualifications of the Tenderer required to be met for due performance of the Works and physical services under the Contract; and
- (l) any other document as specified in the **TDS**.

24.2 In addition to the requirements stated under ITT Sub Clause 24.1, Tenders submitted by a JVCA or proposing a Subcontractor shall include:

- (a) a Joint Venture Agreement entered into by all partners, executed on a non-judicial stamp of value or equivalent as stated under ITT Sub Clause 18.1; or
- (b) a Letter of Intent along with the proposed agreement duly signed by all partners of the intended JVCA with the declaration that it will execute the Joint Venture agreement in the event the Tenderer is successful;
- (c) the JVCA Partner Information (**Form PW3-3**);
- (d) the Subcontractor Information (**Form PW3-4**).

25. Tender Submission Letter and Bill of Quantities

- 25.1 The Tenderer 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.
- 25.2 The Tenderer shall submit the priced Bill of Quantities using the form(s) furnished in **Section 6: Bill of Quantities**.
- 25.3 If in preparing its Tender, the Tenderer has made errors in the unit rate or price 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.

26. Alternatives

- 26.1 Unless otherwise stated in the **TDS**, alternatives shall not be considered.
- 26.2 When alternative times for completion are explicitly invited, a statement to that effect will be included in the **TDS**, as will the method of evaluating different times for completion.
- 26.3 Except as provided under ITT Sub Clause 26.4, Tenderers wishing to offer technical alternatives to the requirements of the Tender Documents **must first price** the Procuring Entity's design as described in the Tender Documents and shall further provide all information necessary for a complete evaluation of the alternative by the Procuring Entity, including drawings, designs, design calculations, technical



- specifications, breakdown of prices, and proposed construction methodology and other relevant details.
- 26.4 When specified in ITT clause 26.1, Tenderers are permitted to submit alternative technical solutions for specified parts of the Works, and such parts will be identified in the **TDS**.
- 26.5 Only the technical alternatives, if any, of the lowest evaluated Tenderer conforming to the basic technical requirements will be considered by the Procuring Entity.
27. Tender Prices, Discounts and Price Adjustment
- 27.1 The prices and discounts quoted by the Tenderer in the Tender Submission Letter (**Form PW3-1**) and in the Bill of Quantities (BOQ) shall conform to the requirements specified below.
- 27.2 The Tenderer shall fill in unit rates or prices for all items of the Works both in figures and in words as described in the BOQ.
- 27.3 The items quantified in the BOQ for which no unit rates or prices 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 or prices in the BOQ and, it shall not be a reason to change the Tender price.
- 27.4 The Procuring Entity may, if necessary, require the Tenderer to submit the detail breakdown of the unit rates or prices quoted by the Tenderer for the facilitation of the Tender proceedings.
- 27.5 The price to be quoted in the Tender Submission Letter, as stated under ITT Sub Clause 25.1, shall be the total price of the Tender, excluding any discounts offered.
- 27.6 The Tenderer shall quote any unconditional discounts and the methodology for application of discount in the Tender Submission Letter as stated under ITT Sub Clause 25.1.
- 27.7 Tenderers wishing to offer any price reduction for the award of more than one lot shall specify in their Tender the price reductions applicable to each lot, or alternatively, to any combination of lots within the package. Price reductions or discounts will be submitted as stated under ITT Sub Clause 27.1, provided the Tenders for all lots are submitted and opened together.
- 27.8 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 prices and the total Tender price submitted by the Tenderer.
- 27.9 Unless otherwise provided in the **TDS** and the Contract, the price of a Contract shall be fixed in which case the unit rates or prices may not be modified in response to changes in economic or commercial conditions.
- 27.10 If so indicated under ITT Sub Clause 27.9, Tenders are being invited with a provision for price adjustments. The unit rates or prices quoted by the Tenderer are subject to adjustment during the performance of the Contract in accordance with the provisions of GCC Clause 71 and, in such case the Procuring Entity shall provide the indexes and weightings or coefficients in **Appendix to the Tender** for the price adjustment

formulae specified in the PCC.

27.11 The Procuring Entity may require the Tenderer to justify its proposed indexes, if any of those as stated under ITT Sub Clause 27.10, are instructed to be quoted by the Tenderer in **Appendix to the Tender**.

28. Tender Currency 28.1 The Tenderer shall quote all prices in the Tender Submission Letter and in the Bill of Quantities in Bangladesh Taka currency unless otherwise specified in the **TDS**.

29. Documents Establishing Eligibility of the Tenderer 29.1 A Tenderer, 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) provide completed Subcontractor Information (**Form PW3-4**), if it intends to engage any Subcontractor(s).

29.2 A Tenderer, if applying as a partner of an existing or intended JVCA shall submit documentary evidence to establish its eligibility as stated under ITT Clause 5 and, in particular, in addition to as specified in ITT Sub Clause 29.1, it shall:

- (a) provide for each JVCA partner, completed JVCA Partner Information (**Form PW3-3**);
- (b) provide the JVCA agreement or Letter of Intent along with the proposed agreement of the intended JVCA as stated in ITT Sub Clause 18.1.

30. Documents Establishing the Eligibility and Conformity of Materials, Equipment and Services 30.1 The Tenderer 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.

30.2 To establish the conformity of the Materials, Equipment and services to be supplied under the Contract, the Tenderer 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** and **Section 8, Particular Specifications**.

31. Documents Establishing Technical Proposal
- 31.1 The Tenderer shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule 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.
32. Documents Establishing the Tenderer's Qualification
- 32.1 Tenderers shall complete and submit the Tenderer Information (**Form PW3-2**) and shall include documentary evidence, as applicable to satisfy the following:
- (a) general experience of construction works as stated under ITT Sub Clause 14.1(a);
  - (b) specific experience in construction works of similar nature and size as stated under ITT Sub Clauses 14.1(b)
  - (c) average annual **construction** turnover for a period as stated under ITT Sub Clause 15.1(a);
  - (d) adequacy of working capital for this Contract i.e. access to line(s) of credit and availability of other financial resources as stated under ITT Sub Clause 15.1(b);
  - (e) technical and administrative personnel along with their qualification and experience proposed for the Contract as stated under ITT Clause 16;
  - (f) major items of construction equipment proposed to carry out the Contract as stated under ITT Clause 17;
  - (g) authority to seek references from the Tenderer's bankers or any other sources.
  - (h) information regarding any litigation, current or during the last five years, in which the Tenderer is involved, the parties concerned, and disputed amount;
  - (i) reports on the financial standing of the Tenderer, such as profit and loss statements and auditor's reports for the past five years.
- 32.2 An Procuring Entity shall disqualify a Tenderer who submits a document containing false information for purposes of qualification or mislead or makes false representations in proof of qualification requirements. An Procuring Entity may declare such a Tenderer ineligible, either indefinitely or for a stated period of time, from participation in future procurement proceedings
- 32.3 An Procuring Entity may disqualify a Tenderer if it finds at any time that the information submitted concerning the qualifications of the Tenderer was materially inaccurate or materially incomplete. Also, an Procuring Entity may disqualify a Tenderer who has record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays, litigation history or financial failures.
33. Validity Period of Tender
- 33.1 Tenders shall remain valid for the period specified in the **TDS** after the date of Tender submission deadline prescribed by the Procuring Entity.

A Tender valid for a period shorter than that specified will be rejected by the Procuring Entity as non- responsive.

34. Extension of Tender Validity and Tender Security
- 34.1 In exceptional circumstances, prior to the expiration of the Tender validity period, the Procuring Entity may solicit the Tenderers' consent to an extension of the period of validity of their Tenders.
- 34.2 The request and the responses shall be made in writing. Validity of the tender security provided under ITT Clause 35 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.
35. Tender Security
- 35.1 The Tenderer 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 and in the amount, **as specified in the TDS.**
- 35.2 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 JVCA or any of the partners of that JVCA or in the names of all future partners as named in the Letter of Intent of the JVCA, a Tender Security in original form and in the amount as stated under ITT Sub Clause 35.1.
36. Form of Tender Security
- 36.1 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 bank guarantee issued by a scheduled Bank of Bangladesh, in the format **(Form PW3-6)** 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 listed in ITT Sub Clause 39.1 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 39.1.
37. Authenticity of Tender Security
- 37.1 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.
- 37.2 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.
- 37.3 A Tender not accompanied by a valid Tender Security will be rejected by

the Procuring Entity.

38. Return of Tender Security
- 38.1 No Tender Securities shall be returned by the Tender Opening Committee (TOC) during and after the opening of the Tenders.
- 38.2 No Tender Security shall be returned to the Tenderers before contract signing, except to those who are found unsuccessful.
- 38.3 Unsuccessful Tenderer's tender security will be discharged or returned as soon as possible but within 28 days of the end of the tender validity period specified in ITT Sub-Clauses 33.1.
- 38.4 The tender security of the Successful Tenderer will be discharged upon the Tenderer's furnishing of the performance security pursuant to ITT Clause 33 and signing the Agreement.
39. Forfeiture of Tender Security
- 39.1 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 33 and 34; or
  - (b) refuses to accept a Notification of Award as stated under ITT Sub Clause 63.1; or
  - (c) fails to furnish Performance Security as stated under ITT Sub Clause 64.1 and 64.2; or
  - (d) refuses to sign the Contract as stated under ITT Sub Clause 69.2 ; or
  - (e) does not accept the correction of the Tender price following the correction of the arithmetic errors as stated under ITT Clause 55.
40. Format and Signing of Tender
- 40.1 The Tenderer shall prepare one (1) original of the documents comprising the Tender as described in ITT Clause 24 and clearly mark it "ORIGINAL." In addition, the Tenderer 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.
- 40.2 Alternatives, if permitted in accordance with ITT Clause 26, shall be clearly marked "Alternative".
- 40.3 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 authorization 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 or initialled by the person signing the Tender.
- 40.4 Any interlineations, erasures, or overwriting will be valid only if they are signed or initialled by the Person(s) signing the Tender.

## E. Tender Submission

41. Sealing, Marking and Submission of Tender
- 41.1 The Tenderer shall enclose the original in one (1) envelope and all the copies of the Tender, including the alternatives, if permitted under ITT Clause 26, in another envelope, duly marking the envelopes as "ORIGINAL" "ALTERNATIVE" (if permitted) and "COPY." These sealed envelopes will then be enclosed and sealed in one (1) single outer envelope.
- 41.2 The inner and outer envelopes shall:
- (a) be addressed to the Procuring Entity at the address as stated under ITT Sub Clause 42.1;
  - (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 48.1;
  - (e) bear any additional identification marks as specified in the **TDS**.
- 41.3 The Tenderer is solely and entirely responsible for pre-disclosure of Tender information if the envelope(s) are not properly sealed and marked.
- 41.4 Tenders shall be delivered by hand or by mail, including courier services at the address(s) as stated under ITT Sub Clause 42.1.
- 41.5 The Procuring Entity will, on request, provide the Tenderer with acknowledgement of receipt showing the date and time when it's Tender was received.
42. Deadline for Submission of Tender
- 42.1 Tenders shall be delivered to the Procuring Entity at the address specified in the **TDS** and no later than the date and time specified in the **TDS**.
- 42.2 The Procuring Entity may, at its discretion, extend the deadline for submission of Tender as stated under ITT Sub Clause 42.1, 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.
- 42.3 In general, the submission of Tenders will not be allowed in more than one place. If, in exceptional cases, for procurement using government's own fund, submission of Tenders is allowed in more than one location/place, name of such primary and secondary location/place(s) shall be as specified in the **TDS**.
43. Late Tender
- 43.1 Any Tender received by the Procuring Entity after the deadline for submission of Tenders as stated under ITT Sub Clause 42.1 shall be declared LATE, rejected, and returned unopened to the Tenderer.
44. Notice for
- 44.1 A Tenderer may modify, substitute or withdraw its Tender after it has

Modification,  
Substitution or  
Withdrawal of  
Tender

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 42.

45. Tender Modification 45.1 The Tenderer shall not be allowed to retrieve its original Tender, but shall be allowed to submit corresponding modification to its original Tender marked as **"MODIFICATION"**.
46. Tender Substitution 46.1 The Tenderer shall not be allowed to retrieve its original Tender, but shall be allowed to submit another Tender marked as **"SUBSTITUTION"**.
47. Tender Withdrawal 47.1 The Tenderer shall be allowed to withdraw its Tender by a Letter of Withdrawal marked as **"WITHDRAWAL"**.

## F. Tender Opening and Evaluation

48. Tender Opening 48.1 Tenders shall be opened in one location, immediately, but no later than one hour, after the deadline for submission of Tenders at the place as specified in the **TDS**. In case of submission of tender for procurement using Government's own fund, tenders shall be opened at the primary place of submission within three hours of the deadline for submission of tenders.
- 48.2 Persons not associated with the Tender may not be allowed to attend the public opening of Tenders.
- 48.3 The 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.
- 48.4 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 44.1.
- 48.5 Ensuring that only the correct (M), (S), (A), (O) envelopes are opened, details of each Tender will be dealt with as follows:
- (a) the Chairperson of the Tender Opening Committee 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) any discounts;
    - (v) any alternatives;

- (vi) the presence or absence of any requisite Tender Security; and
  - (vii) 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 initialled by members of the Tender Opening Committee.
- 48.6 Upon completion of Tender opening, all members of the Tender Opening Committee and the Tenderers or Tenderer's duly authorised representatives attending the Tender opening shall sign by name, address, designation, the Tender Opening Sheet, 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 Tender Opening Committee and any authorised Consultants and, to the Tenderers immediately.
- 48.7 The omission of a Tenderer's signature on the record shall not invalidate the contents and effect of the record under ITT Sub Clause 48.6.
- 48.8 No Tender will be rejected at the Tender opening stage except the LATE Tenders as stated in the ITT Clause 43.
49. Evaluation of Tenders
- 49.1 Tenders shall be examined and evaluated only on the basis of the criteria specified in the Tender Document.
  - 49.2 The Procuring Entity's **Tender Evaluation Committee (TEC)** shall examine, evaluate and compare Tenders that are substantially responsive to the requirements of Tender Documents in order to identify the successful Tenderer.
50. Evaluation Process
- 50.1 The TEC will consider a Tender responsive that conforms in all respects to the requirements of the Tender Document without material deviation, reservation, or omission. The evaluation process should begin immediately after tender opening, following four broad steps:
    - (a) Preliminary examination
    - (b) Technical examination and responsiveness
    - (c) Financial evaluation and price comparison
    - (d) Post-qualification of the Tender.
51. Preliminary Examination
- 51.1 The Procuring Entity shall examine the tenders to confirm that all documentation requested in ITT Clause 24 has been provided, to determine the completeness of each document submitted .
  - 51.2 The Procuring Entity shall confirm that the following documents and information have been provided in the tender. If any of these



documents or information is missing, the offer shall be rejected.

- (a) Tender Submission Letter;
- (b) Priced Bill of Quantities;
- (c) Written confirmation of authorization to commit the Tenderer; and
- (d) Tender Security.

52. Technical Responsiveness and Technical Evaluation

- 52.1 The Procuring Entity's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.
- 52.2 A substantially 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 substantially responsive tenders.
- 52.3 If a tender is not substantially responsive to the Tender Document, it shall be rejected by the Procuring Entity and shall not subsequently be made responsive by the Tenderer by correction of the material deviation, reservation, or omission.
- 52.4 There shall be no requirement as to the minimum number of responsive tenders.
- 52.5 There shall be no automatic exclusion of tenders which are above or below the official estimate.
- 52.6 The Procuring Entity shall now examine the tender to confirm that all terms and conditions specified in the GCC and the PCC have been accepted by the Tenderer without any material deviation or reservation.
- 52.7 The Procuring Entity shall evaluate the technical aspects of the tender submitted in accordance with ITT Clauses 30,31 and 32, to confirm that all requirements specified in Section 7: General Specifications and Section 8: Particular Specifications of the Tender Document have been met without any material deviation or reservation.
- 52.8 If, after the examination of the terms and conditions and the technical aspects of the tender, the Procuring Entity determines that the tender is not substantially responsive in accordance with ITT Sub-Clauses 52.6 and 52.7, it shall reject the tender.
- 52.9 Provided that a tender is substantially responsive, the Procuring Entity

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 Bill of Quantities. Failure of the Tenderer to comply with the request may result in the rejection of its tender.

52.10 The 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.

53. Clarification on Tender

53.1 The TEC may ask Tenderers for clarification of their Tenders, including breakdowns of unit rates or prices, 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 pursuant to ITT Sub Clause 52.2, will neither be sought nor be permitted.

53.2 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 55.1.

54. Restrictions on Disclosure of Information

54.1 After the opening of tenders, information relating to the examination, clarification, and evaluation of tenders and recommendations for award shall not be disclosed to tenderers or other persons not officially concerned with the evaluation process until the award of the contract is announced.

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

55. Correction of Arithmetical Errors

55.1 Provided that the Tender is substantially 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 unit price in words will 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.
- 55.2 If the Tenderer determined to be the lowest evaluated tenderer does not accept the correction of errors, its tender shall be disqualified and its tender security may be forfeited.
- 56. Financial Evaluation
  - 56.1 The TEC will evaluate each Tender that has been determined, up to this stage of the evaluation, to be substantially responsive to the requirements set out in the Tender Document.
  - 56.2 To evaluate a Tender, the TEC will consider the following:
    - (a) the Tender price, excluding Provisional Sums and the provision, if any, for contingencies in the priced Bill of Quantities, but including Daywork items, where priced competitively;
    - (b) adjustments for correction of arithmetical errors pursuant to ITT Sub Clause 55.1;
    - (c) adjustments in order to take into consideration the unconditional discounts or methodology for application of the discount offered pursuant to ITT Sub Clause 27.7;
    - (d) adjustments for any other acceptable variations or deviations pursuant to ITT Sub Clause 52.10.
  - 56.3 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 taken into account in Tender evaluation.
  - 56.4 The estimated effect of any price adjustment provisions under GCC Clause 71, applied over the period of execution of the Contract, will not be taken into account in Tender evaluation.
  - 56.5 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 56.6.

- 56.6 To determine the lowest-evaluated lot or combination of lots, the TEC will take into account:
- (a) the experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual lot;
  - (b) the lowest-evaluated Tender for each lot calculated in accordance with all the requirements of Evaluation Criteria;
  - (c) the price reduction on account of discount per lot or combination of lots and the methodology for application of the discount 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 taking into account any limitations due to constraints in Works or execution capacity determined in accordance with the post-qualification criteria stated under ITT Clause 59.
- 56.7 If the tender, which results in the lowest Evaluation Tender Price, is Substantially below the updated official estimate or seriously unbalanced as a result of front loading in the opinion of the Procuring Entity, the Procuring Entity may require the Tenderer to produce details price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, taking into consideration the schedule of estimated Contract payments, the Procuring Entity may require that the amount of the performance security set forth in ITT Clause 64 be increased at the expenses of the Tenderer to a level sufficient to protect the Procuring Entity against financial loss in the event of default of the successful Tenderer under the Contract.

57. Price Comparison

- 57.1 The TEC will compare all substantially responsive Tenders to determine the lowest-evaluated Tender, in accordance with ITT Clause 56.
- 57.2 In the extremely unlikely event that there is a tie for the lowest evaluated price, the Tenderer with the superior past performance with the Procuring Entity shall be selected, whereby factors such as delivery period, quality of Works delivered, complaints history and performance indicators could be taken into consideration.
- 57.3 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 57.2, 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 or a more efficient work programme and work methodology.
- 57.4 The successful Tenderer as stated under ITT Sub Clauses 57.1, 57.2 and 57.3 shall not be selected through lottery under any circumstances.

58. Negotiations
- 58.1 No negotiations shall be held during the Tender evaluation or award with the lowest or any other Tenderer.
- 58.2 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 estimate; the reasons for such higher price being duly analyzed.
- 58.3 If the Procuring Entity decides to negotiate for reducing the scope of the requirements under ITT Sub Clause 58.2, 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.
- 58.4 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 award and shall not be penalised in any way for rejecting the proposed award.
59. Post-qualification
- 59.1 The Procuring Entity shall determine to its satisfaction whether the Tenderer that is selected as having submitted the lowest evaluated and substantially responsive tender is qualified to perform the Contract satisfactorily.
- 59.2 The determination shall be based upon an examination of the documentary evidence of the Tenderer's qualifications submitted by the Tenderer, pursuant to ITT Clause 32, clarifications in accordance with ITT Clause 53 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 qualification.
- 59.3 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in rejection 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 satisfactorily
- 59.4 The 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.
60. Procuring Entity's Right to Accept any or to Reject Any or All Tenders
- 60.1 The Procuring Entity reserves the right to accept any tender, to annul the tender proceedings, or to reject any or all tenders at any time prior to contract award, without thereby incurring any liability to Tenderers, or any obligations to inform the Tenderers of the grounds for the Procuring Entity's action.
61. Informing Reasons for Rejection
- 61.1 Notice of the rejection will be given promptly within seven (7) days of decision taken by 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

62. Award Criteria
- 62.1 The Procuring Entity shall award the Contract to the Tenderer whose offer 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 59.
- 62.2 A 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.
63. Notification of Award
- 63.1 Prior to the expiry of the Tender Validity period and within seven (7) 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.
- 63.2 The Notification of Award, attaching the contract as per the sample **(Form PW3-7)** 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 submitted; and
  - (e) the date and time within which the Contract shall be signed.
- 63.3 Until a formal contract is signed, the Notification of Award will constitute a Contract, which shall become binding upon the furnishing of a Performance Security and the signing of the Contract by both parties.
64. Performance Security
- 64.1 The Performance Security shall be provided by the successful Tenderer in the amount as specified in the **TDS** and denominated in the currencies in which the Contract Price is payable.
- 64.2 The Procuring Entity may increase the amount of the Performance Security above the amounts as stated under ITT Sub Clause 64.1 but not exceeding twenty five (25) percent of the Contract price, if it is found that the Tender is Substantially below the updated official estimated or unbalanced as a result of front loading as stated under ITT Sub Clause 56.7.
- 64.3 The proceeds of the Performance Security shall be payable to the Procuring Entity unconditionally upon first written demand as compensation for any loss resulting from the Contractor's failure to complete its obligations under the Contract.

65. Form and Time Limit for Furnishing of Performance Security
- 65.1 The Performance Security, as stated under ITT Clause 64, may be in the form of a Bank Draft, Pay Order or an irrevocable Bank Guarantee in the format (**Form PW3-9**), issued by any scheduled Bank of Bangladesh acceptable to the Procuring Entity.
- 65.2 Within twenty eight (28) days from the date of issuance of the Notification of Award (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 64.1 or 64.2.
66. Validity of Performance Security
- 66.1 The 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.
67. Authenticity of Performance Security
- 67.1 The Procuring Entity may 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, Bank Draft or irrevocable Bank Guarantee in specified format.
68. Adjudicator
- 68.1 The Procuring Entity proposes the person named in the **TDS** to be appointed as Adjudicator under the Contract, at an hourly fee and for those reimbursable expenses specified in the **TDS**.
69. Contract Signing
- 69.1 At the same time as the Procuring Entity issues the Notification of Award (NOA), the Procuring Entity will send the draft Contract Agreement and all documents forming the Contract to the successful Tenderer.
- 69.2 Within twenty-one (21) days of receipt of the Agreement, but not later than twenty-eight (28) days of issuance of the NOA, the successful Tenderer shall sign, date, and return it to the Procuring Entity.
- 69.3 Failure of the successful Tenderer to submit the Performance Security, pursuant to ITT Sub-Clause 64.1, or sign the Contract, pursuant to ITT Sub-Clause 69.2, 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 Tenderer, whose offer is substantially responsive and is determined by the Procuring Entity to be qualified to perform the Contract satisfactorily.
70. Publication of Notification of Award of Contract
- 70.1 Notification of Awards for Contracts of Taka ten (10) million and above shall be notified by the Procuring Entity to the Central Procurement Technical Unit within seven (7) days of issuance of the NOA for publication in their website, and that notice shall be kept posted for not less than a month.
- 70.2 Notification of Award for Contracts below Taka ten (10) million, shall be published by the Procuring Entity on its Notice Board and where applicable on the website of the Procuring Entity and that notice shall be kept posted for not less than a month.

71. Debriefing of Tenderers
- 71.1 Debriefing of Tenderers by 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.
- 71.2 In the case of debriefing, confidentiality of the evaluation process shall be maintained.
72. Right to Complain
- 72.1 Any Tenderer has the right to complain in accordance with Section 29 of the Public Procurement Act 2006 and Part 12 of Chapter Three of the Public Procurement Rules, 2008.



## Section 2. Tender Data Sheet

*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
<b>A. General</b>	
<b>ITT 1.1</b>	<p>The Procuring Entity is Bangladesh Power Development Board (BPDB)</p> <p>The Director            Directorate of Purchase            Bangladesh Power Development Board            WAPDA Bhaban (9th Floor)            Motijheel C/A, Dhaka -1000.</p> <p>Consignee: <b>The Manager, Hathazari 100 MW Peaking Power Plant, BPDB, Hathazari, Chattagram, Bangladesh.</b></p> <p>Engineer: <b>The Director, Directorate of Design &amp; Inspection-1, BPDB, Dhaka, Bangladesh.</b></p> <p>The Name of the Tender is: <b>Procurement of Spares with Related Works for 16K Hours Schedule Maintenance, L-3 Maintenance and Other Necessary Maintenance of 10 (Ten) Nos. of Engine Generating Set for Hathazari 100 MW Peaking Power Plant, BPDB, Hathazari, Chattogram, Bangladesh.</b></p>
<b>ITT 3.1</b>	The source of public funds is Revenue Budget of BPDB
<b>ITT 3.3</b>	The name of the Development Partner is – None
<b>ITT 5.1</b>	Tenderers from the following countries are not eligible: Israel and countries having no diplomatic relation with Bangladesh.
<b>ITT 6.1</b>	Materials, Equipment and associated services from the following countries are not eligible: Israel and countries having no diplomatic relation with Bangladesh.
<b>ITT 7.1</b>	Each Tenderer before submitting his Tender will carefully examine the tender requirements and will visit the site at their own cost to determine the existing conditions, facilities and limitations. Any neglect to delay or failure on the part of the tenderer to obtain reliable information upon the foregoing or any matter effecting the work and completion period shall not relieve the successful tenderer of his responsibilities, risks or liabilities until final acceptance of the work in case of award of the contract.
<b>B. Tender Document</b>	
<b>ITT 8.2</b>	<p>The following are authorised agents of the Procuring Entity for the purpose of issuing the Tender Document:</p> <p>Director,            Directorate of Purchase            Bangladesh Power Development Board            WAPDA Bhaban (9th Floor)            Motijheel C/A, Dhaka -1000, Bangladesh            Telephone: +8802-9550532; Fax: +8802-7126151</p>

ITT 9.1	<p>For <b>clarification of Tender Document purposes</b> only, the Procuring Entity's address is: Director, Directorate of Purchase Bangladesh Power Development Board, WAPDA Bhaban (9th Floor) Motijheel C/A, Dhaka -1000, Bangladesh Telephone: +8802-9550532; Fax: +8802-7126151</p> <p>A prospective tenderer requiring any clarification of the tender document shall contact in writing at the procuring entity's address on or before <b>14 (fourteen)</b> days from the date of Tender Submission.</p>
ITT 10.1	A Pre-Tender meeting shall not be held
<b>C. Qualification Criteria</b>	
ITT 13.1	The maximum <i>three (3)</i> numbers of arbitration against the Tenderer over a period <i>the last five (5) years</i> .
ITT 14.1(a)	The minimum number of years of general experience of the Tenderer as Prime Contractor or Subcontractor or Management Contractor shall be <i>Three (03)</i> years.
ITT 14.1(b)	<p><b>i)</b> The tenderer himself and/or member(s) of JVCA shall have specific experience of completion of at least 01 (one) No. of Contract of similar nature, complexity and methods/ technology with a contract value of minimum USD 1.10 (one point one zero) million or equivalent within last ten years i.e years counting backward from the date of publication of IFT in the newspaper.</p> <p><b>Similar nature, complexity and methods/ technology means:</b> 4K/ 8K/ 16K Schedule Maintenance or major overhauling works of HFO run engine having capacity 8.0 MW or higher.</p> <p>As a documentary evidence against specific experience, Tenderer shall have to submit an End user certificate stating that the said Plant has been in 01 (one) year continuous commercial operation after the repair or maintenance.</p> <p>This certificate shall contain at least the information of the Power Plant, Capacity of the Plant, each engine capacity, engine's information (Type, Make &amp; Model), work completion date, contract value, certificate issue date, name and address (telephone/fax/e-mail) of the end user duly signed in the official pad of end user.</p> <p><b>ii)</b> The tenderer himself and/or member(s) of JVCA shall have specific experience of completion of at least 01 (one) No. of Contract of Similar Nature within last five years i.e years counting backward from the date of publication of IFT in the newspaper.</p> <p><b>Similar Nature means:</b> Schedule maintenance of Alternator having capacity of <b>8 MW</b> or higher.</p> <p>As a documentary evidence against specific experience, Tenderer shall have to submit an End user certificate.</p> <p>This certificate shall contain at least the information of the Power Plant, Capacity of the Plant, each Alternator capacity, Alternator's information (Type, Make &amp; Model), work completion date, certificate issue date, name and address (telephone/fax/e-mail) of the end user duly signed in the official pad of end user.</p>
ITT 15.1(a)	The required average annual turnover shall be greater than <b>USD 2.15 (two point one five) million or equivalent</b> over the best three (3) years in the last five (5) years.
ITT 15.1(b)	The minimum amount of liquid assets or working capital or credit facilities of the Tenderer shall be <b>USD 700,000.00 (seven hundred thousand)</b> or equivalent.

<b>ITT 16.1(a)</b>	The Schedule Maintenance Expert personnel shall have the following qualifications and experience: As per Section-7, General Specification.																												
<b>ITT 17.1</b>	The Tenderer shall own or have proven access to hire or lease of the major construction equipment, in full working order as follows : As required to perform the contract smoothly as mentioned in Section-7, General Specification.																												
<b>ITT 18.1</b>	The value of non-judicial stamp for execution of the Joint Venture agreement shall be Tk 300 (Three Hundred) in case of Local Tenderer.																												
<b>ITT 18.2</b>	The <b>minimum qualification</b> requirements of Leading Partner and other Partner(s) of a JVCA shall be as follows: <table border="1" data-bbox="389 622 1390 1144"> <thead> <tr> <th>TDS 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-14.1(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-14.1(b)</td> <td>100%</td> <td>At least one Contract [as mentioned in TDS{ITT 14.1(b)}]</td> <td>Not applicable</td> </tr> <tr> <td>ITT-15.1(a)</td> <td>100%</td> <td>40%</td> <td>25%</td> </tr> <tr> <td>ITT-15.1(b)</td> <td>100%</td> <td>40%</td> <td>25%</td> </tr> <tr> <td>ITT-16.1(a)</td> <td>100%</td> <td>Not applicable</td> <td>Not applicable</td> </tr> <tr> <td>ITT-17.1</td> <td>100%</td> <td>Not applicable</td> <td>Not applicable</td> </tr> </tbody> </table>	TDS Clauses References	Requirements by summation	Requirements for Leading Partner	Requirements for other Partner(s)	ITT-14.1(a)	Summation not applicable	Same as stated in TDS	Same as for Leading Partner	ITT-14.1(b)	100%	At least one Contract [as mentioned in TDS{ITT 14.1(b)}]	Not applicable	ITT-15.1(a)	100%	40%	25%	ITT-15.1(b)	100%	40%	25%	ITT-16.1(a)	100%	Not applicable	Not applicable	ITT-17.1	100%	Not applicable	Not applicable
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ITT-15.1(b)	100%	40%	25%																										
ITT-16.1(a)	100%	Not applicable	Not applicable																										
ITT-17.1	100%	Not applicable	Not applicable																										
<b>ITT 19.3</b>	The Nominated Subcontractor(s) named [None] shall execute the following specific components of the proposed Works: None.																												

#### **D. Tender Preparation**

<b>ITT 24.1 (i)</b>	The Tenderer shall submit with its Tender the following additional documents: <ol style="list-style-type: none"> <li>Name of the manufacturer, certificate of the <b>country of origin</b> and <b>port of shipment</b> of the offered equipment/ items.</li> <li>If Tenderer does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization Letter [<b>Form PW3 - 5(a)</b>] furnished in Section 5: Tender and Contract Forms, to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply the Goods to Bangladesh. Authorization Letter to Tenderer from authorized entities of manufacturer i.e. Dealer/ Trading House/ Manufacturer's Sales office (if located outside the manufacturer's country) will be accepted subject to submission of supporting document as authorized entities of manufacturer with the proposal. In this regard; Scanning Paper, E-mail copy, Faxed copy will not be accepted. The Authorization Letter shall mention E-mail address, Telephone/Fax, designation with detail address of the manufacturer representative duly signed in the manufacturer official pad. BPDB may communicate during evaluation stage at the above mentioned addresses/ addresses of manufacturer or authorized entities of manufacturer's own domain website for confirmation of the authorization. If there is no response received from the manufacturer's Representative, the Bid will be subjected to rejection.</li> </ol>
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	<p>3. Audited financial reports/balance sheet for last 3-5 years as documentary evidence to satisfy financial criteria as stated in ITT 15.1(a) and Audited Financial reports/balance sheet or bank statement or credit line(s) substantiated by any schedule Bank as documentary evidence to satisfy financial criteria as stated in ITT 15.1(b).</p> <p>4. Certificate from the manufacturer or authorized entities of manufacturer confirming that offered spare parts are new, unused &amp; in good condition and will fit properly without any modification of existing system.</p> <p>5. Guarantee/warranty certificate of the offered Works &amp; spares and its satisfactory performance during warranty period of 12 (twelve) months or 8000 EOH from the date of issuing Provisional Acceptance Certificate (PAC) whichever comes first.</p> <p>6. Tenderer shall have to submit Certificate confirming compliance to the Payment Terms of the Tender Document.</p> <p>7. Tenderer shall have to submit Certificate confirming compliance to the terms and conditions of the Tender Document.</p> <p>8. If the items are offered from the other manufacturer than the OEM of the Engine Manufacturer for the 16K Schedule Maintenance Spares, Tenderer shall have to submit at least 01 (one) end-user certificate stating that the concerned manufacturer had supplied the spares for Engines having Model No.: W20V32 (GD) and the performance is satisfactory for one (1) year within last ten (10) years.</p> <p style="padding-left: 40px;">The certificate(s) must contain the following information:</p> <ul style="list-style-type: none"> <li>• Certificate on Letterhead pad of the user containing detail contact information (i.e Name &amp; Designation of the Signatory, e-mail address, Phone/ Fax No. etc.)</li> <li>• Engine Model, Name of the Spares</li> <li>• Date of Issue</li> <li>• Duly signed by the proper authority mentioning designation</li> <li>• Date of supply/ mentioned one (1) year satisfactory operation</li> </ul> <p>BPDB may communicate during evaluation stage at the mentioned addresses/ addresses of End User's own domain website for confirmation of the End User Certificate. If there is no response received from the End User's Representative, the Bid will be subjected to rejection.</p> <p>9. Last 5 years supply record of the manufacturer for supplying spare parts in the similar HFO Engine.</p> <p>10. Sealed &amp; signed original Tender Document by a person duly authorized to sign on behalf of the Tenderer (Copy of issued tender document will not be accepted).</p>
<b>ITT 26.1</b>	Alternatives will not be permitted.
<b>ITT 26.2</b>	There shall not be alternative times for completion of the Works.
<b>ITT 26.4</b>	Alternative technical solutions for any parts of works will not be permitted.
<b>ITT 27.9</b>	The prices quoted by the Tenderer shall be fixed for the duration of the Contract.
<b>ITT 28.1</b>	The currency of the Tender shall be: US Dollar/ Freely convertible international currency and Bangladesh Taka.
<b>ITT 31.1</b>	<p>The required Technical Proposal shall include the following additional information:</p> <p>a) Common approach or methodology for carrying out the work including maintenance procedure and detailed relevant information and work program.</p> <p>b) Schedule of work in bar chart form.</p>

	<p>c) List of special tools, equipment and instruments which they intend to bring to Bangladesh on re-exportable basis for completion of the work.</p> <p>d) Complete CV (Form PW3-5) of the expert with detail experience &amp; educational qualification of the key personnel, who will perform the work.</p> <p>e) Maximum no. of days required to complete the work including required shut down period for each generating unit reckoning from the date of Contract Signing.</p> <p>f) Original printed catalogue/ technical literature, detail technical specification, dimensional drawings for System, Equipment/Materials/items/ spares from manufacturer.</p> <p>g) List of special equipment and tools, which will be handed over to BPDB after completion of work (If any).</p>
<b>ITT 33.1</b>	The Tender Validity period shall be <b>150 days</b> .
<b>ITT 35.1</b>	The amount of the Tender Security shall be <b>47,50,000.00 Taka</b> or <b>43,000.00 US Dollar</b> in the form of an irrevocable and unconditional Bank Guarantee issued by a scheduled bank of Bangladesh or by a foreign bank duly endorsed & authenticated by a scheduled bank of Bangladesh in favour of Director, Directorate of Purchase, Bangladesh Power Development Board. Dhaka.
<b>ITT 40.1</b>	In addition to the original of the Tender, <i>03 (Three)</i> copies shall be submitted.
<b>E. Tender Submission</b>	
<b>ITT 41.2(e)</b>	<p>The inner and outer envelopes shall bear the following additional identification marks:</p> <ol style="list-style-type: none"> <li>1. Tender Enquiry No. &amp; Date and Lot no.</li> <li>2. Brief Description of work</li> <li>3. Name &amp; Address of the Employer</li> <li>4. Name &amp; Address of the Tenderer.</li> </ol>
<b>ITT 42.1</b>	<p>For <b><u>Tender submission purposes</u></b> only, the Procuring Entity's address is:</p> <p>Attention: Director, Purchase Address: Directorate of Purchase, Bangladesh Power Development Board WAPDA Building,(9th Floor), 12, Motijheel C/A, Dhaka-1000. The deadline for the submission of Tenders is: As specified in the Tender Notice</p>
<b>ITT 42.3</b>	<p>For <b><u>Tender submission purposes</u></b> only, the Procuring Entity's address is:</p> <p>Address (<b>PRIMARY PLACE</b>): Directorate of Purchase, Bangladesh Power Development Board WAPDA Building, (9th Floor), 12, Motijheel C/A, Dhaka-1000.</p> <p>Address (<b>SECONDARY PLACES</b>): Submission of Tenders will not be allowed in more than one place.</p>
<b>F. Tender Opening and Evaluation</b>	
<b>ITT 48.1</b>	<p>The Tender opening shall take place at (<i>always the PRIMARY PLACE</i>): Address: Directorate of Purchase, Bangladesh Power Development Board</p>

	WAPDA Building, (9th Floor), 12, Motijheel C/A, Dhaka-1000. Time & Date: As specified in the Tender Notice
<b>ITT 49.1 &amp; 56.1</b>	<p><b>Evaluation of the Tenders shall be carried out based on the following:</b></p> <p><b>1.0 Exchange Rate</b></p> <p>For Comparison of Tenders, BPDB shall convert all currencies excepting Bangladesh Currency quoted by the Tenderers into Bangladesh Taka. Such conversions shall be made on the basis of Bangladesh Bank rate on the date of Tender opening and applicable to similar transactions.</p> <p><b>2.0 Method of Tender Evaluation</b></p> <p>The Technical conformance shall be evaluated considering all the aspects (in connection with specified work) offered by Tenderer as well as the data and information submitted and on proper judgment of the capability of Tenderer. The technical qualifications and overall capabilities of the Tenderer for carrying out the work as specified as well as the specifications of the system, equipment, spares and consumables offered and fulfillment of the key dates shall be the essence for selection of technically responsive Tenderers.</p> <p>The evaluation will take into account the initial costs of the Tender, which shall be determined by bringing the scope of work of all the Tender to a common basis for complete fulfillment of the work. BPDB reserves the right to judge the reasonableness of the cost components quoted by the Tenderer. For the purpose of evaluation all costs shall be based on current prices as of the date of the tender closing.</p> <p>The Tender of which total evaluated cost is the lowest of technically responsive tenderer shall be adjudged the lowest Tender.</p>
<b>G. Contract Award</b>	
<b>ITT 64.1</b>	The amount of Performance Security shall be <i>ten (10)</i> percent of the Contract Price. The Performance Security shall be in the form of an irrevocable and unconditional Bank Guarantee issued by a scheduled bank of Bangladesh or by a foreign bank duly endorsed & authenticated by a scheduled bank of Bangladesh.
<b>ITT 68.1</b>	The Adjudicator proposed by the Procuring Entity is [Will be selected as and when necessary. Adjudicator Appointing Authority: President of the Institution of Engineers, Bangladesh.]. The hourly fee shall be Tk [Will be informed later] and the reimbursable expenses shall be limited to [will be informed later].

## 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 SubClause94.2.
  - (c) **Bill of Quantities (BOQ)** means the priced and completed Bill of Quantities forming part of the Contract defined in GCC Clause 60.
  - (d) **Compensation Events** are those defined in GCC Clause 69.
  - (e) **Competent Authority** means the authority that gives decision on specific issues as per delegation of administrative and/or financial powers.
  - (f) **Completion Certificate** means the Certificate issued by the Project Manager as evidence that the Contractor has executed the Works and Physical services in all respects as per design, drawing, specifications and Conditions of Contract.
  - (g) **Completion Date** is the actual date of completion of the Works and Physical services certified by the Project Manager, in accordance with GCC Clause 80.
  - (h) **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.
  - (i) **Contract Documents** means the documents listed in GCC Clause 6, including any amendments thereto.
  - (j) **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**.
  - (k) **Contract Pricemeans** 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.

- (l) **Contractor's Tender** is the completed Tender Document including the priced Bill of Quantities and the Schedules submitted by the Contractor to the Procuring Entity.
- (m) **Cost** means all expenditures reasonably incurred or to be incurred by the Contractor, whether on or off the Site, including overhead ,profit, taxes, duties, fees, and such other similar levies
- (n) **Day** means calendar day unless otherwise specified as working days.
- (o) **Day works** 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.
- (p) **Defect** is any part of the Works not completed in accordance with the Contract.
- (q) **Defects Correction Certificate** is the certificate issued by the Project Manager upon correction of defects by the Contractor.
- (r) **Drawings** include calculations and other information provided in Section 9 or as approved by the Project Manager for the execution and completion of the Contract.
- (s) **Goods** mean the Contractor's Equipment, Materials, Plant and Temporary Works, or any of them as appropriate.
- (t) **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.
- (u) **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 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 85.;
- (v) **GCC** means the General Conditions of Contract.
- (w) **Government** means the Government of the People's Republic of Bangladesh.



- (x) **"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, 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;
- (y) **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 and Physical services as specified in the Contract and may be revised only by the Project Manager by issuing an extension of time or an acceleration order.
- (z) **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.
- (aa) **Month** means calendar month.
- (bb) **Original Contract Price** is the Contract Price stated in the Procuring Entity's Notification of Award (Form PW3-7) and further clearly determined in the **PCC**.
- (cc) **Permanent works** means the permanent works to be executed by the Contractor under the Contract.
- (dd) **PCC** means the Particular Conditions of Contract.
- (ee) **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 and Physical services.
- (ff) **Procuring Entity** means a Procuring Entity having administrative and financial powers to undertake procurement of Works and Physical services using public funds and is as named in the **PCC** who employs the Contractor to carry out the Works.
- (gg) **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 Physical services and administering the Contract.
- (hh) **Provisional Sums means** amounts of money specified by the Procuring Entity in the Bill of Quantities which shall be used, at its discretion, for payments to Nominated Subcontractor(s) and for meeting other essential expenditures under the Contract pursuant to GCC Sub Clause 77.
- (ii) **Retention Money** means the accumulated retention

moneys which the Procuring Entity retains under GCC Clause 72.

- (jj) **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.
- (kk) **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.
- (ll) **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.
- (mm) **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.
- (nn) **Start Date** is the date defined in the **PCC** and it is the last date when the Contractor shall commence execution of the Works under the Contract.
- (oo) **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.
- (pp) **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.
- (qq) **Variation** means any change to the Works directly procured from the original Contractor to cover increases or decreases in quantities, including the introduction of new work 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.
- (rr) **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, as well as physical services ancillary to works as detailed in the **PCC**, if the value of those services does not exceed that of the Works themselves.

(ss) **Writing** means communication written by hand or machine duly signed and includes properly authenticated messages by facsimile or electronic mail.

## 2. Interpretation

2.1 In interpreting the GCC, singular also means plural, male also means female or neuter, and the other way around. Headings in the GCC shall not be deemed part thereof or be taken into consideration in the interpretation or construance of the Contract. Words have their normal meaning under the language of the Contract unless specifically defined.

### 2.2 Entire Agreement

The Contract constitutes the entire agreement between the Procuring Entity and the Contractor and supersedes all communications, negotiations and agreements (whether written or verbal) of parties with respect thereto made prior to the date of Contract Agreement; except those stated under GCC Sub Clause 6.1(j).

### 2.3 Non waiver

(a) Subject to GCC Sub Clause 2.3(b), no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

(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 Severability

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 and Notices

3.1 Communications between Parties such as 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 *Bangla*. 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 PW3-8**);
  - (b) the Notification of Award (**PW3-7**);
  - (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 Drawings;
  - (i) the priced Bill of Quantities and the Schedules; and
  - (j) 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 Bill of Quantities, 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. JVCA** 12.1 If the Contractor is a JVCA ,
- (a) each partner of the JVCA shall be jointly and severally liable for all liabilities and ethical or legal obligations to the Procuring Entity for the fulfilment of the promises of the Contract;
- (b) the JVCA partners shall nominate a representative who shall have the authority to conduct all business including the receipt of payments for and on behalf of all partners of the JVCA;
- (c) the JVCA shall notify the Procuring Entity of its composition and legal status which shall not be altered without the prior approval of the Procuring Entity.
- (d) alteration of partners shall only be allowed if any of the partners is found to be incompetent or has any serious difficulties which may impact the overall implementation of the works.

- 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 69.1(a).
- 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 Physical services, and the remedying of defects therein, the Contract price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract 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 and Physical services 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 taxes, duties, fees, and other such levies imposed 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. 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 Project Manager shall however be obtained for other proposed Subcontractor(s).

20.3 Subcontractors shall comply with the provisions of GCC Clause 39.

**21. Nominated Subcontractor**

21.1 Nominated Subcontractor named in the Contract shall be entitled to execute the specific components of the Works stated in the PCC.

21.2 The Contractor shall not be under obligations to employ a Nominated Subcontractor against whom the Contractor raises reasonable objection by notice to the Project manager as soon as practicable, with supporting particulars while there are reasons to believe that the Subcontractor does not have sufficient competence, resources or financial strength, or does not accept to indemnify the Contractor against and from any negligence or misuse of Goods by the nominated Subcontractor.

21.3 Subcontracting shall in no event relieve the Contractor from any of its obligations, duties, responsibilities, or liability under the Contract and all Subcontractors shall comply with the provisions of GCC Clause 39.

**22. Other Contractors**

22.1 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.

**23. Project Manager's Decisions**

23.1 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.

**24. Delegation**

24.1 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.
	24.2	Any communications to the Contractor in accordance with such delegation shall have the same effect as if it was given by the Project Manager.
<b>25. Instructions,</b>	25.1	The Contractor shall carry out all instructions of the Project Manager that comply with the applicable law.
<b>26. Queries about the Contract conditions</b>	26.1	The Project Manager, on behalf of the Procuring Entity, will clarify queries on the Conditions of Contract.
<b>27. Safety, Security and Protection of the Environment</b>	27.1	<p>The Contractor shall throughout the execution and completion of the Works and the remedying of any defects therein:</p> <p>(a) 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;</p> <p>(b) provide and maintain at the Contractor's own cost all lights, guards, fencing, warning signs and watching for the protection of the Works or for the safety on-site; and</p> <p>(c) take all reasonable steps to protect the environment on and off 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 Contractors methods of operation.</p>
<b>28. Working Hours</b>	28.1	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.
<b>29. Welfare of Labourers</b>	29.1	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.
	29.2	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.
	29.3	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 effect payments to the labourers and recover the cost from the Contractor.



- 30. Child Labour**      30.1    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.
- 31. Discoveries**      31.1    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.
- 32. Procuring Entity's and Contractor's Risks**      32.1    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.
- 33. Procuring Entity's Risks**      33.1    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.
- 33.2    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.
- 34. Contractor's**      34.1    From the Start Date until the Defects Correction Certificate

- Risks** 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.
- 35. Copyright**
- 35.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Procuring Entity by the Contractor herein shall remain vested in the Contractor, or, if they are furnished to the Procuring Entity directly or through the Contractor by any third party, including Suppliers of materials, the copyright in such materials shall remain vested in such third party.
- 35.2 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.
- 36. Limitation of Liability**
- 36.1 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.
- 37. Insurance**
- 37.1 The Contractor shall provide, in the joint names of the Procuring Entity and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles 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.
- 37.2 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 of currencies required to rectify the loss or damage incurred.

- 37.3 If the Contractor does not provide any of the policies and certificates required, the Procuring Entity may effect 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.
- 37.4 Alterations to the terms of insurance shall not be made without the approval of the Project Manager.
- 37.5 Both parties shall comply with conditions of the insurance policies.

**38. Management and Progress Meetings**

- 38.1 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.
- 38.2 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.

**39. Corrupt, Fraudulent, Collusive or Coercive Practices**

- 39.1 The Government requires that Procuring Entity, as well as the Contractor shall observe the highest standard of ethics during the implementation of procurement proceedings and the execution of the Contract under public fund.
- 39.2 For the purposes of GCC Sub Clause 39.4, the terms set forth below as follows:
  - (a) "corrupt practice" means offering, giving or promising to give, receiving, or soliciting either directly or indirectly, to any officer or employee of a Procuring Entity or other public or private authority or individual, a gratuity in any form; employment or any other thing or service of value as an inducement with respect to an act or decision or method followed by a Procuring Entity in connection with a Procurement proceeding or Contract execution;
  - (b) "fraudulent practice" means the misrepresentation or omission of facts in order to influence a decision to be taken in a Procurement proceeding or Contract execution;

- (c) “collusive practice” means a scheme or arrangement between two (2) or more Persons, with or without the knowledge of the Procuring Entity, that is designed to arbitrarily reduce the number of Tenders submitted or fix Tender prices at artificial, non-competitive levels, thereby denying a Procuring Entity the benefits of competitive price arising from genuine and open competition; or
- (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 the 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 of evidence material to the investigation or making false statements to investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation.

39.3 Should any corrupt, fraudulent, collusive, coercive or obstructive practice of any kind come to the knowledge of the Procuring Entity, it will, in the first place, allow the Contractor to provide an explanation and shall, take actions only when a satisfactory explanation is not received. Such exclusion and the reasons thereof, shall be recorded in the record of the procurement proceedings and promptly communicated to the Contractor. Any communications between the Contractor and the Procuring Entity related to matters of alleged corrupt, fraudulent, collusive, coercive or obstructive practices shall be in writing.

39.4 If corrupt, fraudulent, collusive, coercive or obstructive practices of any kind determined by the Procuring Entity against the Contractor alleged to have carried out such practices, the Procuring Entity will :

- (a) exclude the Contractor from further participation in the particular Procurement proceeding; or
- (b) declare, at its discretion, the Contractor to be ineligible to participate in further Procurement proceedings, either indefinitely or for a specific period of time.

- 39.5 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 127 of the Public Procurement Rules, 2008.
- 39.6 The Contractor shall permit the Procuring Entity 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 Procuring Entity and/or the Development Partner, if so required.

## B. Time Control

- 40. Commencement of Works**
- 40.1 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 byrelevant 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 75 provided that the corresponding Bank Guarantee has been delivered by the Contractor, if any.
- 40.2 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(nn)** after the Commencement Date, and shall then proceed with the Works with due expedition and without delay.
- 41. Completion of Works**
- 41.1 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 42 to complete them in all respects by the Intended Completion Date.
- 42. Programme of Works**
- 42.1 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.
- 42.2 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.

- 42.3 If the Contractor does not submit an updated Programme of Works at the intervals as stated under GCC Sub Clause 42.2 , 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.
- 42.4 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.
- 43. Pro Rata Progress** 43.1 The Contractor shall maintain Pro Rata progress of the Works. Progress to be achieved shall be pursuant to GCC Clause 42 and shall be determined in terms of the value of the works done.
- 44. Early Warning** 44.1 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.
- 44.2 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.
- 45. Extension of Intended Completion Date** 45.1 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 or Extra Work Order.
- 45.2 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.

- 45.3 Except in case of Force Majeure, as provided under GCC Clause 85, a delay by the Contractor in the performance of its Completion obligations shall render the Contractor liable to the imposition of Liquidated Damages pursuant to GCC Clause 73, unless an extension of Intended Completion Date is agreed upon, pursuant to GCC Clause 45.
- 46. Delays Caused by Authorities**
- 46.1 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 45.1.
- 46.2 The Project Manager shall notify the Contractor accordingly keeping the Procuring Entity posted.
- 47. Acceleration**
- 47.1 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.
- 47.2 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 62.
- 48. Delays Ordered by the Project Manager**
- 48.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.
- 49. Suspension of Work**
- 49.1 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.
- 50. Consequences of Suspension**
- 50.1 If the Contractor suffers delay and/or incurs Cost from complying with the Project Manager's instructions under GCC Clause 49 and/or from resuming the work, the Contractor shall give notice to the Project Manager and shall be entitled subject to GCC Clause 93 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.
- 50.2 After receiving this notice, the Project Manager shall proceed

to agree or determine these matters.

- 50.3 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 49.

## **C. Quality Control**

- 51. Execution of Works** 51.1 The Contractor shall construct, install and carry out the Works and Physical services in accordance with the Specifications and Drawings as scheduled in GCC Clause 6.
- 52. Examination of Works before covering up** 52.1 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.
- 52.2 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.
- 53. Identifying Defects** 53.1 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.
- 54. Testing** 54.1 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.
- 55. Rejection of Works** 55.1 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.
- 56. Remedial Work** 56.1 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.
- 56.2 The Contractor shall comply with the instruction issued under GCC Sub Clause 56.1 within a reasonable time, which shall be specified in the instruction, or immediately if urgency is specified under GCC Sub Clause 56.1(c).
- 56.3 If the Contractor fails to comply with the instruction issued under GCC Sub Clause 56.2, 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.
- 57. Correction of Defects**
- 57.1 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.
- 57.2 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.
- 58. Uncorrected Defects**
- 58.1 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**

- 59. Contract Price**
- 59.1 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
- 60. Bill of Quantities**
- 60.1 The Bill of Quantities shall contain priced items for the construction, installation, testing, and commissioning work to be done by the Contractor.
- 60.2 The Bill of Quantities is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the Bill of Quantities for each item.
- 61. Changes in**
- 61.1 If the final quantity of the work done for any particular item increases from the quantity in the Bill of Quantities by more

<b>the Quantities and Unit Rate or Price</b>		than twenty-five percent (25%), provided the change in case exceeds one percent (1%) of the original Contract Price, the Project Manager shall adjust the rate to allow for the change.
	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 Bill of Quantities.
<b>62. Variations</b>	62.1	All Variations and Extra Work Orders under the Contract shall be included in the updated Programme of Works produced by the Contractor.
<b>63. Costing of Variations or Extra Orders</b>	63.1	The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the quotation, which shall be given within seven (7) days of the request or within any longer period stated by the Project Manager and before the Variation is ordered.
	63.2	If the work in the Variation corresponds with an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work not above the limit stated in GCC Sub-Clause 61.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work.
	63.3	If the Contractor's quotation 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.
	63.4	If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event under GCC Sub Clause 69.
	63.5	The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning under GCC Sub Clause 44.1.
<b>64. Cash Flow Forecasts</b>	64.1	When the Programme of Works is updated under GCC Sub Clause 42.2, the Contractor shall provide the Project Manager with an updated cash flow forecast.
<b>65. Payment Certificates</b>	65.1	The basis for payment certificates shall be Bill of Quantities used to determine the Contract price.
	65.2	The Contractor shall submit to the Project Manager monthly

statements of the estimated value of the works executed less the cumulative amount certified previously.

- 65.3 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- 65.4 The value of work executed shall be determined by the Project Manager.
- 65.5 The value of work executed shall include the valuation of Variations or Extra Work Orders, Certified Dayworks and Compensation Events.
- 65.6 The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
- 66. Payments to the Contractor**
- 66.1 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 93.
- 66.2 Items of works quantified in the Bill of Quantities for which no rates or prices have been quoted shall be deemed covered by the amounts at rates and prices of other items in the Contract.
- 66.3 Payments due to the Contractor in each certificate shall be made into the Bank Account in any scheduled Bank of Bangladesh of the title of the Contract specified in the **PCC**, nominated by the Contractor in the currency specified in the Contract.
- 67. Delayed Payment**
- 67.1 If the Procuring Entity makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the prevailing rate of interest for commercial borrowing for each of the currencies in which payments are made.
- 67.2 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.
- 68. Payments to**
- 68.1 The Contractor shall pay to the Nominated Subcontractor(s)

**Nominated Subcontractor(s)**

the amounts shown on the Nominated Subcontractor's invoices approved by the Contractor which the Project Manager certifies to be due in accordance with the subcontract included under the Contract.

**69. Compensation Events**

69.1 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;
- (g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Procuring Entity, or additional work required for safety or other reasons;
- (h) 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;
- (i) The advance payment is delayed;
- (j) The effects on the Contractor of any of the Procuring Entity's Risks;
- (k) The Project Manager unreasonably delays issuing a Completion Certificate;
- (l) A situation of Force Majeure has occurred, as defined in GCC Clause 85; and
- (m) Other Compensation Events described in the Contract or determined by the Project Manager in the PCC shall apply.

69.2 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.

69.3 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.

69.4 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.

**70. Adjustments for Changes in Legislation**

70.1 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.

70.2 The Project Manager shall adjust the Contract Price on the basis of the change in the amount of taxes, duties, and other levies payable by the Contractor, provided 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.

**71. Price Adjustment**

71.1 Prices shall be adjusted for fluctuations in the cost of inputs only if provided for in the **PCC**. If so provided, 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 formula indicated below applies:

$$P = A + B (I_m / I_o)$$

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

**I<sub>m</sub>** is the Index during the month the work has been executed and **I<sub>o</sub>** 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.

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| <b>72. Retention Money</b>    | 72.1 The Procuring Entity may retain from each progressive payment due to the Contractor at the percentage specified in the <b>PCC</b> until completion of the whole of the Works under the Contract.   |
|                               | 72.2 On completion of the whole of the Works, the first half the total amount retained under GCC Sub Clause 72.1 shall be repaid to the Contractor and the remaining second half after the Defects Liability Period has passed and the Project Manager has certified in the form of <b>Defects Corrections Certificate</b> .  |
|                               | 72.3 On completion of the whole of the Works, the Contractor may substitute an unconditional Bank Guarantee in the format as specified ( <b>Form PW3-11</b> ) acceptable to the Procuring Entity for the second half of the retention money as stated under GCC Sub Clause 72.2.  |
| <b>73. Liquidated Damages</b> | 73.1 The Contractor shall pay liquidated damages <sup>16</sup> to the Procuring Entity at the rate per day stated in the <b>PCC</b> for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the <b>PCC</b> . The Procuring Entity may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities. |
|                               | 73.2 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.  |
| <b>74. Bonus</b>              | 74.1 The Contractor shall be paid a Bonus calculated at the rate per calendar day <b>if stated in the PCC</b> 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.                    |
| <b>75. Advance</b>            | 75.1 If so specified in the <b>PCC</b> , the Procuring Entity shall make  |

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<sup>16</sup> Usually liquidated damages are set between 0.05 percent and 0.10 percent per day, and the total amount is not to exceed between 5 percent and 10 percent of the Contract Price.

## Payment

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

- 75.2 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.
- 75.3 The advance payment shall be repaid by deducting at proportionate rate from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

## 76. Performance Security

- 76.1 The Procuring Entity shall notify the Contractor of any claim made against the Bank issuing the Performance Security.
- 76.2 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.
- 76.3 In the event the Contractor is liable to pay compensation under the Contract amounting to the full value of the Performance Security or more, the Procuring Entity may call the full amount of the Performance Security.
- 76.4 The Performance Security furnished at the time of signing of the Contract Agreement shall be substituted, after the issuance of certificate of Completion of works by the Project Manager, by a new Security covering fifty (50) percent amount of the Performance Security to cover the Defects Liability Period.
- 76.5 If there is no reason to call the Performance Security, the Performance 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.

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| <b>77. Provisional Sums</b>                   | <p>77.1 Provisional Sums shall only be used, in whole or in part, in accordance with the Project Manager's instructions and the Contract price shall be adjusted accordingly. The total sum paid to the Contractor shall include only such amounts, for the work, supplies or services to which the Provisional Sum relates, as the Project Manager shall have instructed.</p> <p>77.2 Plants, Materials or Services to be purchased by the Contractor under the provisions of GCC Sub Clause 77.1 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 VAT, profit and overhead charges, as applicable, calculated as a percentage of these actual amounts by applying the relevant percentage rate stated in the PCC.</p> <p>77.3 The Contractor shall, when required by the Project Manager, produce quotations, invoices, vouchers and accounts or receipts in substantiation of purchases under GCC Sub Clause 77.2.</p> |
| <b>78. Dayworks</b>                           | <p>78.1 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.</p> <p>78.2 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.</p> <p>78.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.</p>   |
| <b>79. Cost of Repairs to Loss or Damages</b> | <p>79.1 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.</p>  |

## **E. Completion of the Contract**

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| <b>80. Completion</b>  | <p>80.1 The Contractor shall apply by notice to the Project Manager for issuing a Completion Certificate of the Works, and the Project Manager shall do so upon deciding that the work is completed.</p> |
| <b>81. Taking Over</b> | <p>81.1 The Procuring Entity shall take over the Site and the Works within seven (7) days of the Project Manager's issuing a certificate of Completion.</p>  |
| <b>82. Amendment</b>   | <p>82.1 The amendment to Contract shall generally include extension</p>  |



<b>to Contract</b>		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.
	82.2	The Procuring Entity, in accordance with the Delegation of Financial Power or sub-delegation thereof, shall amend the Contract incorporating the changes introduced to the original terms and conditions of the Contract in line with the Rules.
<b>83. Final Account</b>	83.1	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 <b>Defects Liability Period</b> .
	83.2	The Project Manager shall certify the <b>Final Payment</b> 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.
	83.3	If it is not, the Project Manager shall issue within fifty six (56) days a <b>Defects Liability Schedule</b> that states the scope of the corrections or additions that are necessary.
	83.4	If the <b>Final Account of Works</b> submitted under GCC Sub Clause 83.1 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.
<b>84. As-built Drawings and Manuals</b>	84.1	If "As Built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the <b>PCC</b> .
	84.2	If the Contractor does not supply the Drawings and/or Manuals by the dates specified in GCC Sub Clause 84.1, or they do not receive the Project Manager's approval, the Project Manager shall withhold a nominal amount specified in the <b>PCC</b> from payments due to the Contractor.
<b>85. Force Majeure</b>	85.1	Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind stated below; <ul style="list-style-type: none"> <li>(a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies ;</li> <li>(b) rebellion, terrorism, sabotage by persons other than the Contractor's personnel, revolution, insurrection, military or usurped power, or civil war ;</li> <li>(c) riot, commotion, disorder, strike or lockout by persons other than the Contractor's personnel ;</li> <li>(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 ;</li> </ul> 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.
- 86. Notice of Force Majeure**
- 86.1 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.
- 86.2 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.
- 87. Consequences of Force Majeure**
- 87.1 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 86, and suffers delay and/or incurs cost by reason of such Force Majeure, the Contractor shall be entitled subject to GCC Sub Clause 93to:
- (a) an extension of time for any such delay, if completion is or will be delayed, under GCC Clause 45, and
  - (b) if the event or circumstance is of the kind described sub-paragraphs (a) to (e) of GCC Sub Clause 85.1 occurs in the Country, payment of any such cost, including the costs of rectifying or replacing the Works and Physical services damaged or destroyed by Force Majeure, to the extent they are not indemnified through the insurance policy referred to in GCC Clause 37.
- 87.2 After receiving notice under GCC Sub Clause 86.1, the Project Manager shall proceed to determine these matters under the provisions of the Contract.
- 88. Release from Performance**
- 88.1 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 90.3 if the Contract had been terminated under GCC Sub Clause 89.3.

## **F. Termination and Settlement of Disputes**

### **89. Termination      89.1 Termination for Default**

- (a) The Procuring Entity or the Contractor, without prejudice to any other remedy for breach of Contract, by giving twenty eight (28) days written notice of default to the other party, may terminate the Contract in whole or in part if the other party causes a fundamental breach of Contract.
- (b) 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 and the stoppage has not been authorized by the Project Manager;
  - (ii) the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within eighty four ( 84) days;
  - (iii) 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;
  - (iv) the Contractor does not maintain a Security, which is required;
  - (v) 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 73;
  - (vi) the Contractor has subcontracted the whole of the Works or has assigned the Contract without the required agreement and without the approval of the Project Manager;
  - (vii) the Contractor, in the judgment of the Procuring Entity has engaged in corrupt or fraudulent practices, as defined in GCC Sub Clause 39, in competing for or in executing the Contract.
  - (viii) 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.

**89.2 Termination for Insolvency**

The Procuring Entity and the Contractor may at any time terminate the Contract by giving twenty eight (28) 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.

**89.3 Termination for Convenience**

(a) The Procuring Entity, by giving twenty eight (28) 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 89.3 (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 89.1(a).

89.4 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 89.3., engage another Contractor to complete the Works, and in that case the Contractor shall be liable to the Procuring Entity for any cost that may be incurred in excess of the sum that would have been paid to the Contractor, if the work would have been executed and completed by him or her.

89.5 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as

soon as is reasonably possible

**90. Payment upon Termination**

- 90.1 If the Contract is terminated because of a fundamental breach of Contract under GCC Sub Clause 89.1 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 less the amount from percentage to apply to the contract value of the works not completed, as indicated in the **PCC**. 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.
- 90.2 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.
- 90.3 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.

**91. Property**

- 91.1 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 89.1.

- 92. Frustration**      92.1 If the Contract is frustrated by the occurrence of a situation of Force Majeure as defined in GCC Sub Clause 85, the Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all works carried out before receiving it and for any work carried out afterwards to which a commitment was made.

## **G. Claims, Disputes and Arbitration**

- 93. Contractor's Claims**      93.1 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.
- 93.2 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.
- 93.3 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.
- 94. Settlement of Disputes**      94.1 **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.
- 94.2 **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.
- (e) Should the Adjudicator resign or die, or should 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 94.2 (b)

#### 94.3 **Arbitration**

- (a) If the parties are unable to reach a settlement as per GCC Clauses 94.1 and 94.2 within twenty-eight (28) days of the first written correspondence on the matter of disagreement, then either party may give notice to the other party of its intention to commence arbitration in accordance with GCC Sub Clause 94.3(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

<i>In the case of any discrepancy between the Sections 3 and 4, the Section 4 shall prevail.</i>	
<b>GCC Clause</b>	<b>Amendments of, and Supplements to, Clauses in the General Conditions of Contract</b>
<b>GCC 1.1(j)</b>	The Contractor is <i>[Name, address, and name of authorized representative]</i>
<b>GCC 1.1(ff)</b>	The Procuring Entity is Bangladesh Power Development Board (BPDB)  "BOARD" means Bangladesh Power Development Board (BPDB) "Engineer" means Director, Design & Inspection-1, BPDB  Name & Address of authorized representative:  The Director, Directorate of Purchase Bangladesh Power Development Board WAPDA Bhaban (9th Floor), Motijheel C/A, Dhaka -1000 Phone:+8802-9550532, Fax: +8802-7126151  The Consignee: <b>The Manager, Hathazari 100 MW Peaking Power Plant, BPDB, Hathazari, Chattagram, Bangladesh.</b> Engineer: <b>The Director, Directorate of Design &amp; Inspection-1, BPDB, Dhaka, Bangladesh.</b>
<b>GCC 1.1(gg)</b>	The Project Manager is  The Manager, Hathazari 100 MW Peaking Power Plant, BPDB, Hathazari, Chattagram, Bangladesh.
<b>GCC 1.1 (bb)</b>	The original Contract price is <i>[insert the amount in the NOA]</i>
<b>GCC 1.1(y)</b>	The Intended Completion date for the whole scope under this contract shall be: <b>365 days from the LC opening date.</b>
<b>GCC 1.1(kk)</b>	The Site is located at <b>Hathazari 100 MW Peaking Power Plant, BPDB, Hathazari, Chattagram, Bangladesh.</b>
<b>GCC 1.1(nn)</b>	The Start Date shall be: Immediately after Contract Signing
<b>GCC 1.1(rr)</b>	The Works consist of  As mentioned in Section 7, General Specification
<b>GCC 2.5</b>	The Sectional Completion Dates are:  (1) Completion time for the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system



	<p>of engine including Supply of Spares/ equipment/ related consumables at Hathazari 100 MW Peaking Power Plant shall not be more than <b>365 days</b> from the date of opening of L/C;</p> <p>(2) Completion time for the Supply of Spares/ equipment/ related consumables mentioned in Schedule 1.1 at Hathazari 100 MW Peaking Power Plant shall not be more than <b>180 days</b> from the date of opening of L/C;</p> <p>(3) Maximum shutdown Period for the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine shall not be more than <b>15 days for each engine</b> which is to be included in total Completion time of <b>365 days</b> of the Whole Works.</p>
<b>GCC 3.1</b>	<p>The Procuring Entity's address for the purpose of communications under this contract is :</p> <p>The Director Directorate of Purchase Bangladesh Power Development Board WAPDA Bhaban (9th Floor), Motijheel C/A, Dhaka -1000 Phone:+88-02-9550532, Fax: +88-02-7126151</p>
	<p>The Contractor's address for the purpose of communications under this contract is :</p> <p>Contact person: Address: Tel: Fax: e-mail address:</p>
<b>GCC 6.1 (j)</b>	<p>Other documents forming part of the Contract are:</p> <p>All correspondences between Procuring Entity and Contractor prior to signing of the Contract agreement.</p>
<b>GCC 9.1</b>	<p>A Contractor or a Subcontractor that is a national of, or registered in, the following countries are not eligible:</p> <p><b>Israel and countries having no diplomatic relation with Bangladesh</b></p>
<b>GCC 9.2</b>	<p>Materials, Equipment Plants and supplies shall not have their origin in the following countries:</p> <p><b>Israel and countries having no diplomatic relation with Bangladesh</b></p>
<b>GCC 13.1</b>	<p>Possession of the Site or part(s) of the Site, to the Contractor shall be given on the following date(s):</p> <p>From the Commencement date</p>
<b>GCC 18</b>	<p><b>a) Bangladesh Income tax and VAT for Income Earned in Bangladesh</b></p> <p><b>i)</b> The Supplier shall be entirely liable to pay Income Tax &amp; VAT on Contract price for both foreign (Except CIF i.e. Cost, Insurance &amp; Freight) &amp; local currency according to the Income Tax Act 2023 &amp; <i>The Value Added Tax and Supplementary Duty Act, 2012</i> at prevailing rate (Seven (07) days before the last date of tender submission) of the Govt. which shall be deducted at source at the time of payment of bills/invoices for onward deposition of the same into Govt. Treasury. In case of any change of Tax &amp; VAT rate on the date of payment that will be on</p>

	<p>account of employer i.e. BPDB.</p> <p><b>ii)</b> The Employer shall pay AIT &amp; VAT on CIF portion at the payment stage (If applicable).</p> <p><b>b) For Contractor's equipment, tools, materials imported on re-exportable basis</b></p> <p>The Contractor shall be entirely responsible for all Bangladesh Custom and Import duties, VAT, taxes and all other levies imposed under applicable law of Bangladesh for Importation of Contractor's Construction equipment, tools and materials required for implementation of the contract in Bangladesh which shall be imported on the condition to be exported after completion of the work, if the same are not exempted from such taxes, VAT &amp; levies. The Board shall assist to the contractor to obtain exemption from NBR [National Board of Revenue] for import of the contractor's equipment and materials on the basis of re-export</p> <p><b>c) Foreign country Taxes and Permits</b></p> <p>The Supplier shall pay all sales, income and other taxes and duties, tariffs and imports that can be lawfully assessed against the supplier by the Government or any lawful authority of any country other than the people's Republic of Bangladesh which has jurisdiction over the Supplier in connection with this contract and shall pay for all licenses permits and inspection required for the supply including the cost or securing all export licenses and permits for materials, equipment, supplies and personnel exported from that country to Bangladesh.</p> <p><b>d) Import related duties, taxes, VAT, levies</b></p> <p>BPDB will be responsible for the payment of import related duties, taxes, VAT, levies and all sort of charges etc. to be liable by the port as well as other Govt. agencies inside Bangladesh for the goods to be imported in accordance with the specification. But BPDB shall not pay the custom duty on any replacement/additional items.</p> <p><b>e) CONTRACTOR'S RESPONSIBILITY TO GET ACQUAINTED WITH BANGLADESH LAWS, IMPORT POLICY, ETC.</b></p> <p>The Contractor shall get himself acquainted with the relevant Bangladesh Laws as well as the Import Policy of the Government of People's Republic of Bangladesh remaining in force regarding import of banned items, if any, during the execution of the Contract. In case of import of any banned items and/or contraband item, the consequential effect shall rest with the Contractor. Similarly the Contractor shall be responsible for any non-conformance of Bangladesh Laws either by his own employees or any of the employees of his Subcontractors during execution of the Contract.</p>
GCC 19.1	<p>Following Key Personnel to carry out the functions stated in the Schedule shall be employed by the Contractor:</p> <p>As mentioned in the offer or Personnel having experience in similar work</p>
GCC 21.1	<p>Nominated Subcontractor(s) named below: As mentioned in the Offer or other Subcontractor(s) with the consent of Project Manager (Consignee): <b>Not Applicable.</b></p>

GCC 23.1	The Contractual matters between the Procuring Entity and the Contractor shall be decided by Consignee
GCC 37.1	<p><b>1.INSURANCE</b></p> <p>The Contractor shall arrange the following insurance except “Workmen’s compensation Insurance for the Contractor’s expatriate personnel” from M/S Bangladesh Sadharan Bima Corporation in the joint name of the BOARD and Contractor and Policies to be taken in foreign currency and local currency wherever necessary and the payment of premium shall be made by the Contractor.</p> <p><b>2.MARINE INSURANCE</b></p> <p>Insurance of equipment/Spare parts/materials/ Vehicles and other goods covering all risks including war, strike, riots, civil commotion from the port of shipment to the port of discharge transit after discharge to the Site, and warehouses to warehouse anywhere in Bangladesh.</p> <p>The Contractor shall promptly furnish one set of shipping documents, a copy of Bill of lading, invoice, packing list etc, of each consignment direct to the Deputy Director, Insurance. Finance Directorate, BPDB, Dhaka well in time of the shipment of goods indicating the contract number and name of the insurer. If they fail to comply with this instruction they will be held responsible to compensate the losses if any arising out of the non –compliance of this conditions.</p> <p><b>3. ERECTION INSURANCE-N/A</b></p> <p>“Builder’s risk Insurance” and “Erection Insurance’ and or “Structural Insurance” including third party liabilities wherever considered necessary by the Contractor and approved by the Board.</p> <p><b>4.TRANSPORT LIABILITY INSURANCE</b></p> <p>Comprehensive water crafts if necessary automobile insurance on motor vehicles to be used by the Contractor during the working period in Bangladesh.</p> <p><b>5.WORKMEN’S COMPENSATION INSURANCE</b></p> <p>The Contractor shall procure and maintain Workman’s Compensation Insurance for all expatriate personnel employed by the Contractor for services in Bangladesh and shall provide for such employees other insurance benefits such as it customarily provides for overseas assignments of its other employees. Contractor shall maintain life insurance for all the experts.</p> <p><b>6. REPLACEMENT AND REPAIR UNDER INSURANCE</b></p> <p>The Contractor shall follow customary insurance claim procedures in seeking to effect recovery under the applicable insurance coverage, of the costs of repair or replacement of any materials lost or damaged in shipment or handling, replacement shipments for materials being replaced or materials that has been returned to the country of origin for repair shall be shipped at no charge to the Board. However, any costs for custom duties, taxes, import licenses under an insurances claim will be borne by the Contractor. The contractor shall in no way withheld the project works/ supplies / services for finalization of the insurance claimed, if any.</p>

	(a)	The maximum deductible for insurance of the Works and of Plant and Materials is : <b>Not Applicable</b>
	(b)	The minimum cover for insurance of the Works and service and Materials /Spare parts in respect of the Contractor's faulty design is Tk 110% of the value of the works, service and materials/Spare parts.
	(c)	The maximum deductible for insurance of Equipment is Tk <i>[state amount]</i> . <b>Not Applicable</b>
	(d)	The minimum cover for loss or damage to Equipment is Tk 110% of the replacement value of the equipment
	(e)	The maximum deductible for insurance of other property is: Not Applicable
	(f)	The minimum cover for insurance of other property is 10% of contract price.
	(g)	The minimum cover for personal injury or death insurance: (i) for the Contractor's employees is as per the law and common practice in Bangladesh. (ii) and for third parties is as per the law and common practice in Bangladesh.
<b>GCC 40.1</b>		Commencement Date of Works shall be as follows: Date of opening of L/C
<b>GCC 42.1</b>		The Contractor shall submit a Programme for the whole of the works as mentioned in Section-7 within fifteen (15) days of signing the Contract.
<b>GCC 42.2</b>		The period between Programme updates is weekly.
<b>GCC 42.3</b>		The amount to be withheld for late submission of an updated Programme is : As decided by Consignee
<b>GCC 52</b>		<b>Post landing inspection</b> <b>(a)</b> Post Landing Inspection shall be done after arrival of the goods at <b>Final destination</b> . The Post Landing Inspection shall be intimated to the representative of contractor/ supplier. The program of such inspection shall be intimated to the representative of contractor/ supplier by BPDB upon arrival of the goods at Final destination Store of BPDB. "Receiving cum Inspection Report (R&I Report)" will be prepared after successful Post Landing Inspection. <b>(b)</b> The Purchaser has right to inspect, test and where necessary, reject the Goods arrival in the purchaser's store shall in no way be limited or waived by reason of the Goods having previously been tested and passed by the manufacturer/supplier. The contractor/ supplier will facilitate such Inspections/ Tests. <b>(c)</b> Nothing in this clause shall in any way release the supplier from any warranty or other obligation under the provisions of the contract/purchase order.

GCC 54

**Pre-delivery inspection and/or Witnessing of the manufacturing process and tests of the equipment at manufacturer's works including transfer of technical know-how.**

The Purchaser shall have the right to witness the test of the goods/materials to confirm their conformity to the specification by examining and witnessing the test of goods/materials, workmanship and performance at the manufacturer's premises. The following test shall be carried out as per latest version of relevant international standard (IEC/ASME/BS/EN/ASHRAE) unless otherwise mentioned at the manufacturer's premises or other places where the test facilities are available:

- Routine test

The Contractor shall bear the cost of round air tickets, hotel accommodations, internal transportations and per diem allowances @ *USD/ EURO (for EU) 100.00* per person per day for **07 days** (excluding travel time) for the witnessing of manufacturing process and tests of concerned equipment/ materials and spares at manufacturers' works including transfer of technical know-how. ***The member of such inspection team will be 04 (four) including atleast 1 (one) representative from 'Engineer'*** for the witnessing of manufacturing process and tests of concerned equipment/materials and spares at manufacturers' works including transfer of technical know-how provided that all goods for the said test witnessing shall be ready at a time. Otherwise number of such personnel will increase depending on number of readiness of the goods. The Contractor shall furnish all reasonable aid and assistance required by BPDB or inspectors, for the proper inspection and examination of the works and all parts thereof. Invitation letter should be submitted to the purchaser at least 02 (two) months prior to the schedule date of the witness and tests.

If any tested goods fail to confirm to the specification, the purchaser shall have the right to reject any of the items or complete batch, if necessary. In that case supplier has to replace the equipment and make good of them without any financial involvement to the purchaser

The representatives of BPDB shall be free at all times to perform their duties and any intimidation or attempted intimidation of any one of them by the contractor or by any of his employees shall be sufficient reasons if BPDB so decides, to terminate the Contract.

Such witnessing/ inspection shall not relieve the Contractor from any obligation to perform the work in accordance with the Contract Documents.

The programme of witnessing of manufacturing process, factory tests and technical know-how transfer at the manufacturer premises shall cover the following:

- i. Introduction to the Equipment and Materials.
- ii. Familiarization with Production Line/Cycle and equipment used in such Cycle.
- iii. Standard of Production.
- iv. Production Procedure of the equipment.
- v. Quality Control System of equipment and goods.
- vi. Familiarization Standard of Testing Equipment.
- vii. Testing Procedure of the ~~refurbished~~ items.
- viii. Witnessing of Test as per standard and requirements of Contract Document.

	<p>ix. BPDB Engineers (Inspectors/Trainees) will have to ensure and certify that the test results observed qualify the standard specified in the contract.</p> <p>x. Any other related matters with Test procedures</p> <p><b><u>Third Party Inspection:</u></b></p> <p>For any reason, if Purchaser's/ Employer's representative(s) cannot attend Inspection/ Test program described in PCC [GCC 54], a Third Party Inspection Company/Agency shall conduct/ witness above mentioned Inspections/Tests as per Contract and relevant standard at the Manufacturer's Premises with the concurrence of BPDB. The Third Party Inspector shall submit a comprehensive report to Purchaser with recommendation accompanied with photograph and video clips with date and time of the Equipment/ Materials/ Goods inspected within 7 days after completion of respective inspection/Test. After approval of Third Party Inspection report by BPDB, shipping advice shall be issued to Supplier/ Contractor. No Equipment/ Materials/ Goods shall be shipped without shipping advice.</p> <p>The inspections/ Tests shall be performed on as-needed basis as per schedule provided by the respective manufacturers.</p> <p>Supplier/Contractor/ Manufacturer shall not claim any additional cost for Third Party Inspection.</p> <p>The third party inspection company/agency must not be involved in design, procurement, fabrication, construction and installation under this Contract.</p> <p>BPDB Shall select/ choose any of the following companies/agencies as Third Party Inspector:</p> <ol style="list-style-type: none"> <li>1. BUREAU VERITAS,</li> <li>2. SGS,</li> <li>3. Black and Veatch,</li> <li>4. TUV SUD,</li> <li>5. Lloyd Inspection Agency,</li> <li>6. Mott MacDonald,</li> <li>7. Intertek group,</li> </ol> <p>With the approval of BPDB, Contractor/Supplier shall engage Third Party Inspection company/ agency. BPDB reserves the right to revise above mentioned list.</p> <p>Third party inspection is applicable for Equipment/ Materials/ Goods manufactured in outside Bangladesh.</p>
<p><b>GCC 57.1</b></p>	<p><b>The Defects liability / warranty shall cover the following :</b></p> <p>The Contractor warrants that each item of equipment/ materials and work &amp; service furnished under this Contract will be as specified and will be free from defects in design to the extent the Contractor is responsible for design, workmanship and material. The warranties contained in this Contract document are in lieu of any other warranties and are the only warranties made by Contractor with respect to the materials, equipment and work. If within the warranty period set forth below any part of the material or work fails to meet the warranty, BPDB will notify the Contractor and the Contractor shall promptly correct any defect including non-conformance with specifications by adjustment, repair or replacement of any and all defective parts or materials.</p> <p>Unless otherwise specified the Defects liability period/ warranty period of <b>each</b></p>

	<p><b>engine</b> hereunder shall begin from the date of issuance of Provisional Acceptance Certificate (PAC) of the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine including spares, and shall end after 12 (Twelve) months or 8000 EOH whichever comes earlier.</p> <p>The Contractor shall pay all costs for correction of defects including shop and field labour and supervision, transportation, parts, supplies, all tackles and special tools.</p> <p>The Contractor will be given an opportunity to check the existence of the defect and he shall promptly do the correction within reasonable time. This section states the limit of the Contractor's liability for defects for which he is responsible.</p> <p>When it is necessary to dismantle piping, ducts, machinery, equipment or other work furnished or performed by the Contractor in order to obtain access to the work, the cost of all such dismantling and re-assembling will be paid by the Contractor.</p> <p>The Contractor shall extend the provisions of this warranty to cover all repaired and replacement parts furnished under the Defects liability/ warranty provisions for a period of 12 (Twelve) months or 8000 EOH which comes earlier from the date of repair, replacement, commissioning thereof.</p> <p>If within <b>twenty (20)</b> days after BPDB gives the Contractor notice of a defect, the Contractor neglects to make or undertake with due diligence to make the necessary corrections, BPDB is hereby authorized to make the corrections himself or order the work to be done by a third party and cost of the corrections shall be paid by the Contractor. BPDB will be permitted to make repairs or replacements on equipment without affecting the warranty or without prior notice to the Contractor so long as the repairs or replacements involve the correct installation of spares. BPDB shall also be permitted to adjust or test equipment as outlined in instruction manuals provided by the manufacturer.</p> <p>In the case of an emergency where in the judgment of BPDB the delay resulting from giving formal notice would cause serious loss or damage which could be prevented by immediate action, defects may be corrected by BPDB or a third party chosen by BPDB without giving prior notice to the Contractor and cost of corrections shall be paid by the Contractor. In the event, such action is taken by BPDB, the Contractor will be notified promptly and the Contractor shall assist wherever possible in making the necessary corrections.</p> <p>The Contractor shall extend the provisions of the Defects Liability Period to cover all repaired and replacement parts furnished under the Defects Liability Period.</p>
<p><b>GCC 66.1</b></p>	<p><b>Payments</b></p> <p>Payments under this Contract shall be effected in the currency of the Tender for Foreign Currency and in Taka for local currency. Foreign currency payments shall be made through Letter of credit (L/C) and local currency through transfer of fund to Contractor's account or through cheque. Local currency shall be made through accounts office of the Procurement Entity or through CP &amp; AA cell of BPDB.</p> <p>The charges within Bangladesh for establishment of the L/C shall be borne by BPDB but the L/C charges outside Bangladesh shall be borne by the Contractor. The Contractor shall have to bear all such charges both inside and outside Bangladesh in case of extension of L/C if done at the request of the contractor. An irrevocable L/C shall be opened by BPDB within 30 days upon signing of the</p>

	<p>Contract. BPDB shall pay to the Contractor in the following manner:</p> <p><b>a) Payments against CIF value of the Equipment/materials, spares and consumables (Foreign currency part of Schedule 1.1 )</b></p> <p>1) 60% (Sixty percent) payment within 30 days upon Contractor's presentation of shipping documents to the negotiating bank and issuance of payment advice by the Director, Purchase of BPDB for each consignment.</p> <p>2) 30% (Thirty percent) upon presentation of Board's "Receiving cum Inspection Report" for each consignment delivered at site and a claim bill duly verified by consignee certified by the Engineer and issuance of payment advice by the Director, Purchase of BPDB.</p> <p>3) 10% (Ten percent) upon issuance of Provisional Acceptance Certificate of last performed engine and a claim bill duly verified by consignee certified by the Engineer and issuance of payment advice by the Director, Purchase of BPDB.</p> <ul style="list-style-type: none"> <li>▪ Partial Shipment &amp; Payment will be allowed.</li> <li>▪ Transshipments allowed as and when/where required as per prior approval of the procuring entity.</li> <li>▪ Third Party B/L shall be allowed as and when/where required as per prior approval of the procuring entity.</li> </ul> <p><b>b) Payment for Local currency part of Schedule 1.1</b></p> <p>100% upon submission of Receive cum Inspection report and a claim bill duly verified by consignee certified by the Engineer.</p> <p><b>Note: The Port handling charges and Inland Transportation shall be paid at actual but not exceeding the quoted amount.</b></p> <p><b>c) Payment for Pre-Shipment Inspection of Schedule 1.2 (Item SI No. 5)</b></p> <p>100% upon submission of Receive cum Inspection report and a claim bill duly verified by consignee certified by the Engineer.</p> <p><b>d) Payment for Works/Service (Foreign currency part and local currency part; Schedule 1.2</b></p> <p>1) 90% (Ninety percent) of the contract price for each engine's maintenance works as per OEM Scope, Test run and synchronizing with grid upon issuance of the Provisional Acceptance Certificate (PAC) after successful completion of testing, commissioning and handing over against submission of invoices/claim bill duly verified by consignee certified by the Engineer and issuance of payment advice by the Director, Purchase of BPDB.</p> <p>2) 10% (Ten percent) upon issuance of the Final Acceptance Certificate (FAC) after successful completion of warranty period and removal of all defect(s) pointed out by the Board and/or the consignee against submission of invoices/claim bill duly verified by consignee certified by the Engineer and issuance of payment advice by the Director, Purchase of BPDB.</p> <p><b>Procedure for Progress payment against Service- N/A</b></p> <p>On or about the first day of each month the Contractor will prepare a bill in prescribed form of the value (As per Breakdown estimate) of the service done up-to such date. The estimated cost of service which, do not conform to the specifications will be deducted from the billed amount. Payment will be made to the Contractor as stipulated above. Such intermediate payment shall be regarded as payment by way of advance against the final payment for work actually done</p>
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	<p>and shall not preclude the requiring of bad, unsound and imperfect work to be removed and reconstructed. Such payments shall not be considered as admission that the Contract performance has been completed nor shall it indicate the accruing or any claim, or shall it conclude, determine or affect in any way the powers of BPDB under this Contract to final settlement and adjustment of the account or in any other way vary or affect the Contract.</p> <p><b>Contractor's Breakdown Estimate- N/A</b></p> <p>The Contractor shall prepare and submit to the Consignee for approval a breakdown estimate for and covering each lump-sum price stated in the Contract. The breakdown estimate, showing the value of each kind of service shall be certified by Consignee and approved by the Engineer before any partial payment estimate is prepared. Such items as bond premium, temporary facilities and plant may be listed separately in the breakdown estimate, provided that their cost can be substantiated.</p> <p>The sum of the items listed in any breakdown estimate shall equal the Contract lump-sum price or prices, overhead and profit shall not be listed as separate items.</p>
<b>GCC 66.3</b>	<p>The particulars of the Bank Account nominated are as follows :</p> <p>Title of the Account : [insert title to whom the Contract awarded]</p> <p>Name of the Bank : [insert name with code, if any]</p> <p>Name of the Branch : [insert branch name with code ,if any]</p> <p>Account Number : [insert number]</p> <p>Address : [insert location with district]</p> <p>Tel :</p> <p>Fax :</p> <p>e-mail address :</p> <p><i>[information furnished by the Contractor shall be substantiated by the concerned Bank and authenticated by the Procuring Entity]</i></p>
<b>GCC 67</b>	Contractor shall not be paid interest on the late/ delayed payment
<b>GCC 69.1(m)</b>	The following additional events shall also be the Compensation Events: <b>None</b>
<b>GCC 71.1</b>	The Contract is not subject to price adjustment.
<b>GCC 72</b>	The proportion of payments to be retained is : As mentioned in PCC (GCC 66.1)
<b>GCC 73.1</b>	<p>The amount of Liquidated Damages for delay or Delay Damages or Delay to Completion Date of the uncompleted delivery of goods/ works/ services or for any part thereof is: at the rate of <b>zero point one percent (0.1%)</b> of the Contract Price of relevant part per day.</p> <p>All Goods, whole works and related services shall be considered as uncomplete until the effective date of Provisional Acceptance Certificate (PAC).</p> <p>Total amount of liquidated damages shall not exceed ten (10) percent of the final Contract price for the whole of the Goods, Works and related services.</p>
<b>GCC 74.1</b>	The Bonus for the whole of the Works is <b>None</b>

	The maximum amount of Bonus for the whole of the Works is <b>None</b>
<b>GCC 75.1</b>	The Advance Payment shall be Tk <b>None</b>
<b>GCC 77.2</b>	The percentage for adjustment of Provisional Sums is <b>None</b>
<b>GCC 80.1</b>	<p>After completion of the work, Provisional Acceptance Certificate (Completion Certificate) shall be issued as stated below:</p> <p><b><u>Provisional Acceptance Certificate (PAC)</u></b></p> <p>The work shall not be considered as complete provisionally until the PAC has been approved by the <b>BOARD</b> for the work, signed and dated by the Consignee and the Engineer and delivered to the Contractor. The PAC for individual engine's 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine will be issued only after the final inspection has been carried out by a team of representatives of the Contractor and witness and accepted by the PAC committee of BPDB formed by the competent authority and the work has been judged complete and in compliance with the Contract Documents. Necessary testing equipment will be supplied by the Contractor if required. The final inspection and the performance test of equipment and the subsequent issuance of the PAC shall not be construed as a release to the Contractor from any Contractual liability or responsibility, such release being subject only to the provisions of the Release of Liability clause PCC [New clause GCC 98]. BPDB may take over completed portions of the work, prior to completion of the Contract, by written notice to the Contractor.</p> <p>After completion of individual engine's 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine, the contractor shall provide a written notice to Consignee to fix a date for final inspection. The consignee shall arrange a date for inspection and witnessing the operation of respective Engine immediately after receiving written notice from the contractor.</p> <p>The Provisional Acceptance Certificate shall not be unreasonably withheld nor shall BPDB delay the issuing of the PAC on account of minor omissions or defects, which do not affect the commercial operation without any serious risk to the plant, provided always that the Contractor undertakes to make good such omission and defects within a reasonable time. From the date of final inspection and test of completed works, at least <b>one (1) week</b> time should be taken for observation to the outcome of the works, after which provisional Acceptance Certificate should be issued for respective engine, by the <b>BOARD</b> and delivered to the Contractor, provided that no omissions or defects are found which may affect the commercial operation of the plant.</p> <p>Upon the written notice from the Contractor, the final inspection will commence. During the final inspection, the PAC Committee will inspect the respective Engine and it's 6 hours continuous commercial operation at different loads including full load (considering de-rating of Engine as per OEM Curve) without any trouble after the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine as per NLDC demands and fuel facilities.</p> <p>After completion of the Defects Liability Period /Warranty period, Final Acceptance Certificate shall be issued as mentioned below:</p>

	<p><b><u>Final Acceptance Certificate (FAC)</u></b></p> <p>The work shall not be considered as completed until a Final Acceptance Certificate (FAC) will be issued by the <b>BOARD</b> on the basis of the successful report of FAC committee formed by the competent authority stating that all work has been finally completed to their satisfaction. The Final Acceptance Certificate (FAC) will be given latest twenty eight (28) days after the expiration of the Defects liability period or if different guarantee periods shall become applicable to different parts of the work, after the expiration of the latest of such periods and as soon as any and all work to be made good is completed to the satisfaction of the Consignee/ Project Manager and the competent Authority.</p>
<b>GCC 84.1</b>	The date by which “ <b>as-built</b> ” drawings (if any) are required is : Within one month from the date of PAC
	The date by which maintenance manuals are required is : Within one month from the date of PAC
<b>GCC 84.2</b>	<p>The amount to be withheld for failing to produce “<b>as-built</b>” drawings and/or operating and maintenance manuals by the date required is :</p> <p>No money will be withheld but Final Acceptance Certificate shall not be issued until the submission of “<b>as-built</b>” drawings (if any) and/or maintenance manuals</p>
<b>GCC 90.1</b>	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 twenty (20) percent.
<b>GCC 94.2 (b)</b>	<p>The Adjudicator jointly appointed by the parties is: Will be appointed as and when necessary.</p> <p>Name:</p> <p>Address:</p> <p>Tel No:</p> <p>Fax No:</p> <p>e-mail address:</p>
<b>GCC 94.2(b)</b>	In case of disagreement between the parties, the Appointing Authority for the Adjudicator is the President of the Institution of Engineers, Bangladesh.
<b>GCC 94.3 (b)</b>	The arbitration shall be conducted in the place mentioned below; Dhaka, Bangladesh
<b>New Clause GCC 95</b>	<p><b>Approval of Engineering Data (if any)</b></p> <p>Five (5) copies of each drawings and necessary data shall first be submitted to Engineer. Two copies of drawings and data shall be returned to the Contractor marked "APPROVED" "APPROVED AS NOTED", "RETURNED FOR CORRECTION" within 21 days after receipt from the Contractor. If drawings submitted for approval are not returned within 21 days after receipt by the Engineer, the Contractor shall notify Engineer of such fact, and if the drawings still have not been returned within 15 days after such notice the Contractor may proceed as if drawings have been returned approved. When the drawings and data are returned marked "APPROVED AS NOTED" or "RETURNED FOR CORRECTION" the corrections or changes shall be made and five (5) revised copies shall be</p>

	<p>submitted to Engineer. Two copies of the revised drawings and data will be returned to the Contractor by (15) days from the receipt of the same with due approval, if not anything otherwise specified.</p> <p>The approval by the Engineer of drawing and data submitted by the Contractor will cover only general conformity to the plans and specifications and the external connections and dimensions which affect the plant arrangement. This approval of drawings returned marked "APPROVED" or "APPROVED AS NOTED" will not constitute a blanket approval of all dimensions, quantities and details of the materials, equipment, device or item shown and does not relieve the Contractor from any responsibility for errors or deviations from the Contract requirements.</p> <p>All drawings and data after final procession by BPDB shall become a part of the Contract document and the work shown or described thereby shall be performed in conformity therewith unless otherwise required by BPDB</p> <p>When the work is completed, two copies of all final approved drawings on AO Size Paper and 1 (One) soft copy shall be sent by the Contractor to the Consignee/ Project Manager.</p>														
<p><b>New Clause GCC 96</b></p>	<p><b>Shipping Documents</b></p> <p>No goods will be shipped without prior instruction from the Procurement Entity. Each set of shipping documents will comprise the following:</p> <table data-bbox="526 1064 1204 1299"> <tr> <td>1. Bill of Lading</td> <td>1 copy</td> </tr> <tr> <td>2. Invoice</td> <td>1 copy</td> </tr> <tr> <td>3. Shipping Specification</td> <td>1 copy</td> </tr> <tr> <td>4. Freight paid memo</td> <td>1 copy</td> </tr> <tr> <td>5. Insurance premium paid memo</td> <td>1 copy</td> </tr> <tr> <td>6. Packing list</td> <td>1 copy</td> </tr> <tr> <td>7. Maker Certificate of Country of Origin</td> <td>1 Copy</td> </tr> </table> <p>The invoices and shipping specifications shall bear the Insurance cover note number.</p> <p>The shipping documents described above shall be received by BPDB at the latest one week before arrival of cargoes at the port of destination. Set of shipping documents shall be submitted to as follows:</p> <ol style="list-style-type: none"> <li>1. Director, Purchase, BPDB, Dhaka.</li> <li>2. Consignee/ Project Manager</li> <li>3. Director, Clearance &amp; Movement, BPDB, Chittagong.</li> <li>4. Director, Finance, BPDB, Dhaka.</li> <li>5. Deputy Director, Clearance &amp; Movement, BPDB, Chittagong/ Dhaka/ Khulna.</li> <li>6. Deputy Director, Insurance, BPDB, Dhaka.</li> </ol>	1. Bill of Lading	1 copy	2. Invoice	1 copy	3. Shipping Specification	1 copy	4. Freight paid memo	1 copy	5. Insurance premium paid memo	1 copy	6. Packing list	1 copy	7. Maker Certificate of Country of Origin	1 Copy
1. Bill of Lading	1 copy														
2. Invoice	1 copy														
3. Shipping Specification	1 copy														
4. Freight paid memo	1 copy														
5. Insurance premium paid memo	1 copy														
6. Packing list	1 copy														
7. Maker Certificate of Country of Origin	1 Copy														

<p><b>New Clause GCC 97</b></p>	<p><b>Packing</b></p> <p>All equipment and materials shall be suitably coated, wrapped or duly covered in boxes for export shipment and to prevent damage during handling and storage at the site. Card-board containers shall be enclosed in a solid wooden container. Equipment and process materials shall be packed and semi-knocked down to the extent possible to facilitate handling and storage and to protect bearings and other machine surfaces from oxidation. Each container or bundle shall be reinforced with steel strapping in such a manner that breaking of one strap will not cause complete failure of the packaging. The packing shall be of best standards to withstand rough handling and to provide suitable protection from tropical weather while in transit and while awaiting erection at the site.</p> <p>Equipment and materials in wooden cases or crates shall be properly cushioned to withstand the abuse of handling, transportation and storage. Packing shall include preservatives suitable to tropical conditions. All machine surfaces and bearing shall be coated with oxidation preventive compound. All parts subject to damage when in contact with water shall be coated with suitable grease and wrapped in heavy asphalt or tar impregnated paper.</p> <p>Crates and packing materials used for shipping will become the property of BPDB but the Contractor will be allowed to use the same for the work as needed but the remaining material shall be turned over to BPDB upon completion of the project.</p> <p>Packing or shipping units shall be designed within the limitations of the unloading facilities of the receiving ports and the ship which will be used. Ships with special heavy capacity unloading rigging may be required for large units of equipment.</p> <p>It shall be the Contractor's responsibility to investigate these limitations and to provide suitable packing and shipping to permit unloading at Chittagong / Dhaka.</p> <p>Each package or shipping unit shall be clearly marked or stenciled on at least two sides as follows :</p> <div style="text-align: center;">  <p><b>BANGLADESH POWER DEVELOPMENT BOARD</b> Hathazari 100 MW Peaking Power Station, BPDB</p> </div>
<p><b>New Clause GCC 98</b></p>	<p><b>Release of Liability</b></p> <p>The acceptance by the Contractor of the last payment shall operate as, and shall be, a release to the BOARD and every officer, agent and employee thereof, from all claims and liability hereunder for anything done or furnished for or relating to the work, or for any act or neglect of the BOARD or of any person relating to or the affecting the work.</p> <p>The last payment by the BOARD to the Contractor shall constitute final acceptance of all work performed under this Contract and shall release the Contractor and his surety, from all Contractual liabilities and responsibilities to the BOARD except these liabilities assumed under the Warranty clause PCC [GCC 57.1] of these Special Conditions or arising out of hidden defects.</p> <p>In the event a suit were to be instituted in Bangladesh against the BOARD and the Contractor as defendants neither shall be released from his respective liabilities under this Contract.</p>

## Appendix to the Tender – Not Applicable

[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 Tenderer, for the different Cost Components and mention its Weightings or Coefficients]

**Table 1.1: Price Adjustment Data – Not Applicable**

[ITT Sub Clause 27.10: 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) unless otherwise mentioned by the Procuring Entity or instructed to be quoted by the Tenderer.
2. The Procuring Entity may require the Tenderer to justify its proposed Indexes, if quoted by the Tenderer.
3. 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 Sub Clause 71.1: 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	
														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

<b>Form</b>	<b>Title</b>
<b>Tender Forms</b>	
PW3 – 1	Tender Submission Letter
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	Bank Guarantee for Tender Security ( <i>when this option is chosen</i> )
<b>Contract Forms</b>	
PW3 – 7	Notification of Award
PW3 – 8	Contract Agreement
PW3 – 9	Bank Guarantee for Performance Security ( <i>when this option is chosen</i> )
PW3 –10	Bank Guarantee for Advance Payment ( <i>if applicable</i> )
PW3 –11	Bank Guarantee for Retention Money Security ( <i>when this option is chosen</i> )

Forms **PW3-1** to **PG4-5, PW3 -6, & PW3-12** comprises part of the Tender Format and should be completed as stated in ITT Clauses 24.

Forms **PW3-7** to **PW3 -11** comprises part of the Contract as stated in GCC Clause 6.



## Tender Submission Letter (Form PW3-1)

*[This letter should be completed and signed by the Authorised Signatory preferably on the Letter-Head Pad of the Tenderer]*

To:

*[Contact Person]*

*[Name of Procuring Entity]*

*[Address of Procuring Entity]*

Date:

Invitation for Tender No:

*[indicate IFT No]*

Tender Package No:

*[indicate Package No]*

This Package is divided into the following Number of Lots

*[indicate number of Lot(s)]*

We, the undersigned, offer to execute in conformity with the Conditions of Contract and associated Contract documents, the following Works and Physical services, viz:

In accordance with ITT Clauses 27 and 28, the following prices and discounts apply to our Tender:

The Tender Price is:

*[in figures]*

(ITT Sub Clause 27.1)

*[in words]*

The unconditional discount for being awarded more than one lot in this package is:

Tk *[in figures]*

Taka *[in words]*

(ITT Sub Clause 27.6)

The methodology for application of the discount is:

*[state the methodology].*

The advance payment is:

*[state the amount based on percentage of the*

(GCC Sub Clause 75.1)

*Tender Price]*

and we shall accordingly submit an Advance Payment Guarantee in the format shown in Form **PW3-10**.

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 33.1) 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 65.2 in the amount stated in the Tender Data Sheet (ITT Sub Clauses 64.1 and 64.1) and in the form specified in the Tender Data Sheet (ITT Sub Clause 65.1) 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 JVCA 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 40.3

or

we are submitting this Tender as the partners of a JVCA, comprising the following other partners in accordance with ITT Sub Clause 40.3;

	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 5.3*

or

*we are a Government owned entity, and we meet the requirements of ITT Sub Clause 5.3;*

- (h) we, including as applicable any JVCA 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 5.5;

- (i) we, including as applicable any JVCA 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 or coercive practices in accordance with ITT Sub Clause 5.6;
- (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;
- (k) we intend to subcontract an activity or part of the Works, in accordance with ITT Sub Clause 19.1, to the following Subcontractor(s);

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

- (l) we, including as applicable any JVCA partner, confirm that we do not have a record of poor performance, such as abandoning the works, not properly completing contracts, inordinate delays, or financial failure as stated in ITT Clause 5.7, and that we do not have, or have had, any litigation against us, other than that stated in the Tenderer Information (**Form PW3-2**);
- (m) we are not participating as Tenderers 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 JVCA 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 5.8;
- (o) we, including as applicable any JVCA 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 5.9;
- (p) we understand that you reserve the right to reject all the Tenders or annul the Tender proceedings, without incurring any liability to Tenderers, in accordance with ITT Clause 60.

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 JVCA, add other boxes and sign accordingly].***Attachment 1:**

**[ITT Sub Clause 40.3]**

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

*[and, if applicable]*

**Attachment 2:**

**[ITT Sub Clause 29.2(b)]**

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

## Tenderer Information (Form PW3-2)

*[This Form should be completed only by the Tenderer, preferably on its Letter-Head Pad]*

Invitation for Tender No: *[indicate IFT No]*  
 Tender Package No: *[indicate Package No]*  
 This Package is divided into the following Number of Lots: *[indicate number of Lot(s)]*

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	
	Partnership	
	Limited Liability 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	
	National ID number	
	Address	
	Telephone / Fax numbers	
	e-mail address	
1.7	Litigation [ITT Cause 13]	
	If there is no history of litigation or no pending litigation then state opposite “None”. If there is a history of litigation, or a number of awards, against the Tenderer provide details below	
	<u>A. Arbitration Awards made against</u>	

	Year	Matter in dispute	Value of Award	Value of Claim
	<b>B. Arbitration Awards pending</b>			
	Year	Matter in dispute	Value of Claim	
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]				
<b>2. Qualification Information of the Tenderer [ITT Clause32]</b>				
2.1	General Experience in Construction Works of Tenderer			
	Start Month Year	End Month Year	Years	Contract No and Name of Contract Name and Address of Procuring Entity Brief description of Works
				Role of Tenderer [Prime/Sub/Management]
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 / Fax <u>e-mail</u>  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]	
2.3	Average annual construction turnover [ITT Sub Clause 15.1(a)] <i>[amount invoiced to Procuring Entity(s) for each year of works in progress or completed, using rate of exchange at the end of the period reported]</i>		
	Year	Amount & Currency	Taka or Equivalent Taka
2.4	Financial Resources available to meet the construction cash flow [ITT Sub-Clause 15.1(b)]		
	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 32.1(a), (b), (c)& (d)			
2.5	Contact Details [ITT Sub Clause 32.1 (g) & (i)]		
	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 [ITTSubClause32.1(e)]		

	Position Name Years of General Experience	Years of Specific Experience	
<i>[Tenderer to complete details of as many personnel as are applicable. Each personnel listed above should complete the Personnel Information (Form PW3-5)]</i>			
2.7	Major Construction Equipment proposed to carry out the Contract [ITTSubClause32.1(f)]		
	Item of Equipment	Condition (new, good, average, poor)	Owned, leased or to be purchased (state owner, lessor or seller)
<i>[Tenderer to list details of each item of major construction equipment, as applicable]</i>			

## JVCA Partner Information (Form PW3-3)

*[This Form should be completed by each JVCA partner].*

Invitation for Tender No: *[indicate IFT No]*  
 Tender Package No *[indicate Package No]*  
 This Package is divided into the following Number of Lots *[indicate number of Lot(s)]*

1.	Eligibility Information of the JVCA Partner <i>[ITT –Clauses 5 &amp; 29]</i>		
1.1	Nationality of Individual or country of Registration		
1.2	JVCA Partner’s legal title		
1.3	JVCA Partner’s registered address		
1.4	JVCA Partner’s legal status <i>[complete the relevant box]</i>		
	Proprietorship		
	Partnership		
	Limited Liability Concern		
	Government-owned Enterprise		
	Other (please describe, if applicable)		
1.5	JVCA Partner’s year of registration		
1.6	JVCA Partner’s authorised representative details		
	Name		
	National ID number		
	Address		
	Telephone / Fax numbers		
	e-mail address		
1.7	Litigation <i>[ITT Sub Cause 13]</i>		
	If there is no history of litigation or no pending litigation then state “None”. If there is a history of litigation, or a number of awards, against the JVCA Partner provide details below:		
	<u>A. Arbitration Awards made against</u>		
	Year	Matter in dispute	Value of
			Value of



			Award	Claim
<b>B. Arbitration Awards pending</b>				
	Year	Matter in dispute	Value of Claim	
1.8	JVCA Partner to attach copies of the original documents mentioned aside		[All documents required under ITT Clauses 5 and 29]	
The following two information are applicable for national JVCA Partners only				
1.9	JVCA Partner's Value Added Tax Registration (VAT) Number			
1.10	JVCA Partner's Tax Identification Number (TIN)			
[The foreign JVCA 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 [ITT Sub Clause 18.2 & 18.3]				
	Elements of Activity		Brief description of Activity	
3. Qualification Information of the JVCA Partner [ITT Clause 32]				
3.1	General Experience in Construction Works of JVCA Partner			
	Start Month Year	End Month Year	Years	Contract No and & Name of Contract Name and Address of Procuring Entity Brief description of Works
				Role of JVCA Partner [Prime/Sub/Management]
3.2	Specific Experience in Construction Works of JVCA Partner 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		Prime Contractor	Subcontractor
			Management Contractor	

	[tick relevant box]			
	Award date	[insert date]		
	Completion date	[insert date]		
	Total Contract Amount	[insert amount]		
	Procuring Entity's Name Address Tel / Fax <u>e-mail</u> 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 [ITT Sub Clause 15.1 (a)] <i>[amount invoiced to Procuring Entity(s) for each year of work in progress or completed, using rate of exchange at the end of the period reported]</i>			
	Year	Amount & Currency	Taka or Equivalent Taka	
3.4	Financial Resources available to meet the construction cash flow [ITT Sub-Clause 15.1(b)]			
	No	Source of financing	Amount available	
	In order to confirm the above statements the JVCA Partner shall submit , as applicable, the documents mentioned in ITT Sub Clause 32.1 (a), (b), (c) & (d)			
3.5	Contact Details [ITT Sub Clause 32.1 (g) & (i)]			
	Name, address, and contact details of Tenderer'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 32.1(e)]		
	Position Name Years of General Experience	Years of Specific Experience	
	<i>[Tenderer to complete details of as many personnel as are applicable. Each personnel listed above should complete the Personnel Information (Form PW3-5)]</i>		
3.7	Major items of Construction Equipment proposed for carrying out the works [ITT Sub-Clause 32.1(f)]		
	Item of Equipment	Condition (new, good, average, poor)	Owned, leased or to be purchased (state owner, leaser or seller)
	<i>[Tenderer to list details of each item of Major equipment, as applicable]</i>		

## Subcontractor Information (Form PW3-4)

*[This Form should be completed by each Subcontractor, preferably on its Letter-Head Pad]*

Invitation for Tender No: *[indicate IFT No]*  
 Tender Package No *[indicate Package No]*  
 This Package is divided into the following Number of Lots *[indicate number of Lot(s)]*

1. Eligibility Information of the Subcontractor <i>[ITT -Clauses 5 &amp; 29]</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
	Other (please describe)
1.5	Subcontractor's year of registration
1.6	Subcontractor's authorised representative details
	Name
	Address
	Telephone / Fax numbers
	e-mail address
1.7	Subcontractor to attach copies of the following original documents
	All documents to the extent relevant to ITT Clause 5 and 29 in support of its qualifications
The following two information are applicable for national Subcontractors	
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 19.1]

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	

## Personnel Information (Form PW3-5)

*[This Form should be completed for each person proposed by the Tenderer on Form PW3-2 & PW3-3, where applicable]*

Invitation for Tender No:	[indicate IFT No]
Tender Package No	[indicate Package No]
This Package is divided into the following Number of Lots	[indicate number of Lot(s)]

<b>A. Proposed Position</b> (tick the relevant box)		
<input type="checkbox"/> Service Engineer	<input type="checkbox"/> Prime Candidate	<input type="checkbox"/> Alternative Candidate
<input type="checkbox"/> Technician / Foreman	<input type="checkbox"/> Prime Candidate	<input type="checkbox"/> Alternative Candidate
<input type="checkbox"/> Semi skilled Technician	<input type="checkbox"/> Prime Candidate	<input type="checkbox"/> Alternative Candidate
<b>B. Personal Data</b>		
Name		
Date of Birth		
Years overall experience		
National ID Number		
Years of employment with the Tenderer		
Professional Qualifications:		
1.		
2.		
3.		
4.		
<b>C. Present Employment</b> <i>[to be completed only if not employed by the Tenderer]</i>		
Name of Procuring Entity:		
Address of Procuring Entity:		
Present Job Title:		
Years with present Procuring Entity:		
Tel No:	Fax No:	e-mail address:

Contact [*manager/personnel officer*]:

**D. Professional Experience**

Summarise professional experience over the last twenty years, in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

	From	To	Company / Project / Position / Relevant technical and management experience.
1			
2			
3			
4			
5			

## Bank Guarantee for Tender Security (Form PW3-6)

*[This is the format for the Tender Security to be issued by a scheduled bank of Bangladesh or by a foreign bank duly endorsed/authenticated by a scheduled bank of Bangladesh in accordance with ITT Clause 35 & 36]*

Invitation for Tender No:

Date:

Tender Package No:

To:

[Name and address of the Procuring Entity]

### TENDER GUARANTEE No:

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 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



## Notification of Award (Form PW3-7)

Contract No:  
To:

Date:

*[Name of Contractor]*

This is to notify you that your Tender dated *[insert date]* for the execution of the Works for *[name of project/Contract]* for the Contract Price of Tk *[state amount in figures and in words]*, as corrected and modified in accordance with the Instructions to Tenderers, has been approved by *[name of Procuring Entity]*.

You are thus requested to take following actions:

- i. accept in writing the Notification of Award within seven (7) working days of its issuance pursuant to ITT Sub Clause 63.1
- ii. furnish a Performance Security in the form as specified and in the amount of Tk *[state amount in figures and words]*, within twenty eight (28) days of issuance of this Notification of Award but not later than *(specify date)*, in accordance with ITT Clause 65.
- iii. sign the Contract within twenty eight (28) days of issuance of this Notification of Award but not later than *(specify date)*, in accordance with ITT Sub Clause 69.2.

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 authorised to sign for and on behalf of  
*[name of Procuring Entity]*

Date:

## Contract Agreement (Form PW3-8)

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 appendices 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 Drawings
  - (i) the priced Bill of Quantities and the Schedules
  - (j) 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 PW3-9)

*[This is the format for the Performance Security to be issued by a scheduled bank of Bangladesh or by a foreign bank duly endorsed/authenticated by a scheduled bank of Bangladesh in accordance with ITT Clause 64, 65, 66 & 67]*

Contract No: [insert reference number]

Date: [insert date]

To:

[ insert Name and address of Procuring Entity]

### PERFORMANCE GUARANTEE No:

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 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 PW3-10) - Not Applicable**

*[This is the format for the Advance Payment Guarantee to be issued by a scheduled bank of Bangladesh or by a foreign bank duly endorsed/authenticated by a scheduled bank of Bangladesh in accordance with GCC Clause 75]*

Contract No: [insert reference number]

Date: [insert date]

To:

[insert Name and address of the Procuring  
Entity]

### **ADVANCE PAYMENT GUARANTEE No:**

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 75, 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 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

## **Bank Guarantee for Retention Money Security(Form PW3-11) – N/A**

*[This is the format for the Retention Money Guarantee to be issued by a scheduled bank of Bangladesh or by a foreign bank duly endorsed/authenticated by a scheduled bank of Bangladesh in accordance with GCC Sub Clause 72.3]*

### **Demand Guarantee**

[Bank's Name, and Address of Issuing Branch or Office]

**Beneficiary:**[insert Name and Address of the Procuring Entity]

**Date:** [insert date]

**RETENTION MONEY GUARANTEE No.:** [insert number]

We have been informed that [insert name of Contractor] (hereinafter called "the Contractor") has entered into Contract Number [insert reference number of the Contract] dated [insert date] with you, for the execution of [insert name of Contract and brief description of Works] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment, payment of Tk. [insert the amount of the second half of the Retention Money] which becomes due after the Defects Liability Period has passed and certified in the form of Defects Correction Certificate, is to be made against a Retention Money Guarantee.

At the request of the Contractor, we [insert name of Bank] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of Tk. [insert amount in figures] (Taka [insert amount in words]) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation under the Contract because the Contractor failed to properly correct the defects duly notified in respect of the Works.

It is a condition for any claim and payment under this guarantee to be made that the payment of the second half of the Retention Money referred to above must have been received by the Contractor on its account number[insert A/C no] at [name and address of Bank].

This guarantee is valid until [insert the date of validity of Guarantee that being twenty eight (28) days beyond the Defects Liability Period]. Consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

## Manufacturer's Authorisation & Warranty/Guarantee Letter (Form PW3 – 5(a))

*[The Tenderer shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Tenderer shall include it in its tender.]*

Invitation for Tender No:	Date:
Tender Package No:	
Tender Lot No:	
To: [Name and address of Purchaser]	

WHEREAS

We *[insert complete name of Manufacturer/ authorized entities of manufacturer]*,

who are official manufacturers/ authorized entities of manufacturer *[insert name of manufacturer]* of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby

authorize *[insert complete name of Tenderer]* to supply the following Goods, manufactured by us *[insert name and or brief description of the Goods]*.

We hereby extend our full guarantee and warranty as stated under GCC Clause 57.1 of the General Conditions of Contract, with respect to the Goods offered by the above Tenderer.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer/ authorized entities of manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer/ authorized entities of manufacturer]*

Address: *[insert full address including Fax and e-mail]*

Title: *[insert title]*

Date: *[insert date of signing]*

**Section 6. Bill of Quantities (Price Schedules)**  
**Schedule 1.1: For Goods (Schedule Maintenance Spare Parts)**  
*[Group B Tenders: Goods Manufactured outside Bangladesh, to be imported]*

<b>Invitation for Tender No:</b>		<b>Date:</b>	
<b>Tender Package No:</b>		<b>Package Description:</b>	<i>[enter description as specified in Section 6]</i>
<b>Tender Lot No:</b>		<b>Lot Description:</b>	<i>[enter description as specified in Section 6]</i>

1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] <i>[FC]</i>	CIF price per Line Item (Col. 6 × 7) <i>[FC]</i>	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination <i>[Taka]</i>	VAT Payable on account of Supplier if the Contract is awarded <i>[Taka]</i>	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
1.	Paper insert kit	473063		Pcs	13						
2.	Sealing set for injection valve	167044		Pcs	230						
3.	O-ring	156161		Pcs	60						
4.	Glue compound	387020		Pcs	11						
5.	Sealing set	476009		Pcs	11						
6.	Sealing ring	476018		Pcs	44						
7.	O-ring	476019		Pcs	44						
8.	O-ring	476022		Pcs	22						
9.	O-ring	476023		Pcs	44						
10.	Sealing ring	476027		Pcs	44						
11.	Filter candle	471063		Pcs	858						
12.	Sealing set	471126		Pcs	2						
13.	O-ring	223005		Pcs	11						
14.	O-ring	145019		Pcs	100						
15.	O-ring	145021		Pcs	480						
16.	O-ring	100015		Pcs	44						

1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] [FC]	CIF price per Line Item (Col. 6 × 7) [FC]	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination [Taka]	VAT Payable on account of Supplier if the Contract is awarded [Taka]	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
17.	Gov overhaul kit	220395		Pcs	11						
18.	Gasket	223112		Pcs	25						
19.	Overhaul kit for booster	220396		Pcs	11						
20.	Sealing set	473081		Pcs	12						
21.	Sealing set hyd Cyl Main bearing	100142		Pcs	121						
22.	Gasket set for FF2110M035	916045078		Pcs	22						
23.	F 30/1 CHEVRONET filter (Size:595*595*150)	8039900246		Pcs	160						
24.	MINOR KIT G053 ACG 045X7 XTXX	191242		Pcs	1						
25.	Service kit 4 O-rings	ALF-578628-05		Pcs	12						
26.	O ring	223020		Pcs	11						
27.	O ring	223021		Pcs	22						
28.	O ring	131071		Pcs	33						
29.	O ring	131073		Pcs	12						
30.	O ring	131006		Pcs	33						
31.	O ring	131027		Pcs	32						
32.	O ring	377002		Pcs	121						
33.	Flexible hose	223160		Pcs	12						
34.	Maintenance Kit L1/L2	PABA156487		Pcs	12						
35.	PT100 for stator winding	PAAE082449		Pcs	3						
36.	PT100 for cold cooling air	PAAE174550		Pcs	5						
37.	PT100 for sleeve bearings (radial bearing surface)	ABBIN1016		Pcs	5						
38.	Varistor	ABBIN0463		Pcs	4						
39.	Diode	PAAE013811		Pcs	6						
40.	Double AVR system (Updated one)	PAAF236226		Pcs	1						



1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] [FC]	CIF price per Line Item (Col. 6 × 7) [FC]	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination [Taka]	VAT Payable on account of Supplier if the Contract is awarded [Taka]	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
41.	1PT - Voltage transformer for excpower	PAAF969983		Pcs	1						
42.	3CT - Current transformer for short circuit excpower	PAAF082356		Pcs	2						
43.	2CT - Current transformer for actual value measurement	PAAE054819		Pcs	2						
44.	4CT - Current transformer for differential protection	PAAF082357		Pcs	2						
45.	Inlet Air Filters	ABBIN0469		Pcs	6						
46.	Anticondensation heater	PAAG006408		Pcs	1						
47.	Auxiliary terminal box B3A	PABA368951		Pcs	2						
48.	Drive-end sleeve bearing	PAAE181836		Pcs	1						
49.	Non-drive-end sleeve bearing	PAAE044055		Pcs	1						
50.	PV Bushing	3555-059		Pcs	5						
51.	PV Plunger	3548-053		Pcs	4						
52.	Oil filler cup	6611-837		Pcs	6						
53.	Grommet	36637-10		Pcs	6						
54.	Nozzle Assy	1297-105		Pcs	6						
55.	Accumulator piston	360022		Pcs	6						
56.	Magnet	36637-14		Pcs	6						
57.	Filter	3005-533		Pcs	10						
58.	oil gauge	1832-129		Pcs	4						
59.	O ring	1355-177		Pcs	10						
60.	Regulator	36637-7		Pcs	9						
61.	Spring	167014		Pcs	1						
62.	screw	167051		Pcs	20						
63.	Nozzle nut	167017		Pcs	5						

1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] [FC]	CIF price per Line Item (Col. 6 × 7) [FC]	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination [Taka]	VAT Payable on account of Supplier if the Contract is awarded [Taka]	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
64.	Shaft	224062		Pcs	12						
65.	Pipe	223025		Pcs	15						
66.	Pipe	223026		Pcs	15						
67.	Pipe	223029		Pcs	4						
68.	Pipe union	223038		Pcs	10						
69.	Injection pipe	167012		Pcs	30						
70.	Connection piece	167196		Pcs	20						
71.	Cylinder head safety valve	125010		Pcs	3						
72.	Injection pump	165001		Pcs	2						
73.	Pump cover	165059		Pcs	1						
74.	Spare part set	177027		Pcs	2						
75.	Clamping ring	181292		Pcs	5						
76.	Flexible coupling	182017		Pcs	1						
77.	HT water pump	191001		Pcs	1						
78.	Maintenance kit	452102		Pcs	30						
79.	Spare parts kit	145030		Pcs	10						
80.	O-ring	120003		Pcs	420						
81.	Tappet roller	145009		Pcs	300						
82.	Roller pin	145010		Pcs	24						
83.	Pressure test device	800109		Pcs	1						
84.	Tools for cylinder head	800159		Pcs	1						
85.	Main lube oil pump	181001		Pcs	1						
86.	Bearing bush	224083		Pcs	48						
87.	Bearing bush	213020		Pcs	1						
88.	Bearing bush	224031		Pcs	48						

1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] [FC]	CIF price per Line Item (Col. 6 × 7) [FC]	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination [Taka]	VAT Payable on account of Supplier if the Contract is awarded [Taka]	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
89.	Thrust bearing	224053		Pcs	24						
90.	Bearing bush	228054		Pcs	12						
91.	Bearing bush	213035		Pcs	24						
92.	Shut-down mechanism	213001		Pcs	3						
93.	Stop lever	213002		Pcs	10						
94.	Start blocking device	214001		Pcs	5						
95.	Main starting valve	357017		Pcs	5						
96.	Bonnet assembly	217087		Pcs	4						
97.	Spare parts and sealing set	217046		Pcs	10						
98.	Bush	211006		Pcs	40						
99.	Spring	211008		Pcs	40						
100.	O-ring	211016		Pcs	10						
101.	O-ring	211017		Pcs	40						
102.	Tube	3584438		Pcs	152						
103.	Cone block	3584441		Pcs	180						
104.	Over speed trip device	228010		Pcs	4						
105.	O'ring	217025		Pcs	20						
106.	O'ring	217029		Pcs	20						
107.	O'ring	217047		Pcs	20						
108.	Gasket	217003		Pcs	20						
109.	Pipe union	357023		Pcs	12						
110.	Pipe union	357391		Pcs	12						
111.	Pipe	357073		Pcs	12						
112.	pipe union	357031		Pcs	12						
113.	Rocker arm cover	107505		Pcs	2						

1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] [FC]	CIF price per Line Item (Col. 6 × 7) [FC]	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination [Taka]	VAT Payable on account of Supplier if the Contract is awarded [Taka]	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
114.	Booster motor	223027		Pcs	2						
115.	Charge air cooler	476001(0114) PAAE 206032		Pcs	1						
116.	Push rod	145001		Pcs	2						
117.	Connecting rod	111011		Pcs	3						
118.	Valve tappet	145018		Pcs	2						
119.	ACTUATOR	220001		Pcs	1						
120.	Filter cartridge	B110021019		Pcs	32						
121.	Sealing set for cylinder head replacement	120015		Pcs	100						
122.	Lubricating oil filter	471056		Pcs	3						
123.	Filter Cartridge	471064		Pcs	3						
124.	Gasket	200018		Pcs	10						
125.	Gasket	120012		Pcs	10						
126.	Gudgeon pin	113010		Pcs	3						
127.	Cylinder unit overhaul set with gudgeon pin	912004		Pcs	1						
128.	Antipolishing ring	100003		Pcs	4						
129.	Piston	113001		Pcs	2						
130.	Cylinder Head	120001		Pcs	2						
131.	Plate	100092		Pcs	5						
132.	Screw	100112		Pcs	20						
133.	Water Jacket	100115		Pcs	5						
134.	Relief valve	107016		Pcs	5						
135.	Valve	107094		Pcs	2						
136.	Gasket	107664		Pcs	2						
137.	Piston crown	113003		Pcs	5						

1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] [FC]	CIF price per Line Item (Col. 6 × 7) [FC]	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination [Taka]	VAT Payable on account of Supplier if the Contract is awarded [Taka]	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
138.	Securing ring	113009		Pcs	10						
139.	O-ring	113013		Pcs	40						
140.	Sealing push-in cap	120014		Pcs	20						
141.	Seat ring for exhaust valve	120022		Pcs	34						
142.	Sealing push-in cap	120050		Pcs	40						
143.	Sealing set for cylinder head overhaul	120054		Pcs	50						
144.	O-ring	121005		Pcs	50						
145.	Inlet Valve	121012		Pcs	12						
146.	Snap ring	148003		Pcs	5						
147.	Starting air cam	148024		Pcs	2						
148.	Lifter complete	161001		Pcs	4						
149.	Pump Element	165023		Pcs	12						
150.	Sealing Set	165080		Pcs	25						
151.	Injector Yoke	167006		Pcs	15						
152.	Injector Nut	167007		Pcs	20						
153.	Adjusting Screw	167018		Pcs	10						
154.	Prelubrication Pump	182018		Pcs	1						
155.	Service kit	181077		Pcs	1						
156.	Valve kit	181078		Pcs	2						
157.	Flexible Hose	372291		Pcs	8						
158.	Centrifugal Filter	473001		Pcs	3						
159.	Flexible hose,cleaning water to turbo charger	FH502		Pcs	10						
160.	Damping Wire	21007		Pcs	5						
161.	Locking Plate set	97115		Pcs	5						
162.	Spare part Kit	156380		Pcs	7						

1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] [FC]	CIF price per Line Item (Col. 6 × 7) [FC]	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination [Taka]	VAT Payable on account of Supplier if the Contract is awarded [Taka]	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
163.	Nozzle	167020		Pcs	230						
164.	Push rod	167013		Pcs	220						
165.	Nozzle holder	167046		Pcs	5						
166.	Sealing set	474043		Pcs	4						
167.	Washer	223009		Pcs	5						
168.	Retaining ring	223023		Pcs	4						
169.	Pin	131025		Pcs	11						
170.	Bearing	223019		Pcs	11						
171.	Thrust bearing kit	100341		Pcs	9						
172.	Main bearing kit	100342		Pcs	10						
173.	Spare Part Kit	156379		Pcs	24						
174.	Floating labyrinth seal	PAAE103239		Pcs	6						
175.	Curil T	PABA351995		Pcs	2						
176.	1S-Circuit Breaker	PAAE099088		Pcs	4						
177.	2S-Circuit Breaker	PAAE046323		Pcs	4						
178.	5S-Circuit Breaker	PAAE046323		Pcs	3						
179.	Pipe union	357070		Pcs	5						
180.	GASKET	009420298		Pcs	1						
181.	BOOSTER SERVOMOTOR	009410346		Pcs	1						
182.	Spring	165075		Pcs	50						
183.	Spring	165077		Pcs	50						
184.	Control shaft - A	224008		Pcs	5						
185.	Control shaft - B	224072		Pcs	5						
186.	Torsional spring	224001		Pcs	20						
187.	Lever	224002		Pcs	20						

1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Manufacturer's Part No.	Country Of Origin	Unit of Measurement	Quantity	Unit price CIF [insert the port of destination] [FC]	CIF price per Line Item (Col. 6 × 7) [FC]	Inland transportation, Insurance, Port Handling Charge and other local costs for the delivery of the Goods to their final destination [Taka]	VAT Payable on account of Supplier if the Contract is awarded [Taka]	Total Price per line item	
										FC (Col.8)	Taka (Col.9)
188.	Pin	224003		Pcs	220						
189.	Follower	224004		Pcs	10						
190.	Torsional spring	224005		Pcs	20						
191.	Shaft for lever	224018		Pcs	10						
192.	Lever	224019		Pcs	10						
193.	Screw	224020		Pcs	10						
194.	Screw bush	224069		Pcs	40						
195.	Sleeve for injection pump	224021		Pcs	20						
196.	Nut	224022		Pcs	20						
197.	Electronic module (ESM)	516387		Pcs	4						
198.	RESISTOR	PAAF768867		Pcs	16						
199.	S-TAPPING SCREW S-TAPPING SCREW	004710030		Pcs	32						
<b>Note : Price offered in foreign currency (FC) &amp; Bangladesh Taka</b>								<b>Sub-Total Price for Schedule 1.1</b>			
<b>Point of Delivery as per Schedule of Requirement: [Hathazari 100MW Peaking Power Station Store]</b>							<b>Period of Delivery as per Schedule of Requirement: [as per PCC(GCC 2.5)]</b>				

**N.B.: 1. Manufacturer's Name/ Country of Origin/ Model No./ Part Nos./ Product No./ Serial-Nos., any other reference Nos. are mentioned as reference only;**  
**2. Tenderer can offer equivalent part no. of the offered items.**

Name:	[insert full name of signatory]	Signature with Date and Seal
In the capacity of:	[insert designation of signatory]	[ Sign]
Duly authorized to sign the Tender for and on behalf of the Tenderer		

## Schedule 1.2: Price and Completion Schedule - Works and Related Services

<b>Invitation for Tender No:</b>		<b>Date:</b>	
<b>Tender Package No:</b>		<b>Package Description:</b>	<i>[enter description as specified in Section 6]</i>
<b>Tender Lot No:</b>		<b>Lot Description:</b>	<i>[enter description as specified in Section 6]</i>

1	2	3	4	5	6	7	8	9		
								Service No.	Description of Services	Country of Origin
								FC	Taka	
1.	<i>Providing 16000 Hours Schedule maintenance of Engine as per OEM Scope of works, Test run and synchronizing with Grid upto full load for any engine number, as mentioned in Section-7. (From Engine no.- 1-11).</i>		Each	10						
2.	<i>Providing L-3 Schedule Maintenance of Generator as per OEM Scope of work, as mentioned in Section-7. (From Engine no.- 1-11).</i>		Each	10						
3.	<i>Turbo Charger (TC) Mechanical cleaning through sand blasting, as mentioned in Section-7.</i>		Each	20						
4.	<i>Upgradation of start stop solenoid system of engines, as mentioned in Section-7.</i>		Each	10						
5.	<i>Pre-Delivery Inspection as mentioned in PCC{GCC 54}</i>		Lot	1						
<b>Note Price offered in foreign currency (FC) &amp; Bangladesh Taka</b>						<b>Sub-Total Price for Schedule 1.2</b>				
<b>Point of Delivery as per Schedule of Requirement:</b> <i>[Hathazari 100 MW Peaking Power Station]</i>					<b>Period of Delivery as per Schedule of Requirement:</b> <i>[ as per PCC(GCC 2.5)]</i>					

- The price shall include all IT & VAT (where applicable) and other charges as per [ PCC (GCC 18)]



## Schedule 2: Grand Summary for all price schedules

Sl No	Description	Total F.C	Total L.C
1.	Sub Total - Schedule 1.1: for Goods		
2.	Sub Total - Schedule 1.2: Price and Completion Schedule - Works and Related Services		
	Grand Total		

- The Grand total price shall include all IT & VAT (where applicable) and other charges as per [ PCC (GCC 18)]

## **Section 7**

# **General Specification**

## 7.0 Description of Plant

Hathazari Power Station is situated in the district of Chittagong. The power station has 11 nos HFO Fired engine generator set each with capacity 8.924 MW. The type of Generator is ABB AMG 1120MP08DSE, Manufacturer: ABB Helsinki, Finland and the Engine Type is W20V32GD, Manufacturer: Wartsila, Finland.

### 7.1 Scope of Supply and works

The works covered by this Tender is to supply equipment/materials/spare parts, 16K schedule maintenance works for Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine and inspection and performance test at Hathazari 100MW peaking power station. During the term for the provision of services, the Contractor and the experts shall devote the appropriate time and attention to the performance of the Services and shall at all times act with due diligence and efficiency in providing the Services described in the Contract.

The Experts proposed shall supervise and carry out the scheduled inspection/overhauling/ major overhauling of Generating unit and BOP equipment, testing & commissioning work of the followings (indicative, but not limited to):

- **Cylinder Heads** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - o Exhaust valve roto caps
  - o Indicator valves
  - o Valve Clearance, Also approx. 100h after refitting of cylinder head
  - o Rocker arm system for inlet or exhaust valves
  - o Exhaust and inlet valve drive mechanism/seals
  - o Pre-chamber nozzle
  - o Fuel System
  - o High voltage cables and connectors, Resistor check
  - o Cylinder head: Pressure test and max. firing pressure (ignition timing)
  
- **Cylinder Liners** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - o Remove liner/ check water jacket/replace sealing
  - o Honing of cylinder liner
  - o Carbon cutting ring
  
- **Pistons/Connecting Rods** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - o Piston

- Piston Rings (Replace after honing of cylinder)
- Gudgeon pin bushing
- Connecting Rods Ovality control
- Big end bearing
- **Crankshaft** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - Main Bearing and thrust washers
  - Gear wheel drive (Pump end)
  - Torsional vibration damper: Fluid sample
  - Crankshaft deflection
  - Flexible coupling. Rubber element and damper plates
- **Camshafts** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - Inlet and exhaust cams
  - Camshaft: Bearings and thrust washers
  - Camshaft drive with intermediate wheel
  - Governor drive
- **Lubricating Oil** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - Main lubricating oil pump
  - Lube oil filter by pass valves and filter elements (Change at pressure drop)
  - Air Suction oil bath filter (Clean at pressure drop)
  - Centrifugal separation filter lube oil
  - Lube oil analysis to lube oil supplier
- **Turbo Charger** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - Turbo Charger: Rotor
  - Turbo Charger: Bearings
  - Turbo Charger: Air Filters (Clean when dry)
  - Turbo Charger: Water washing of compressor (Daily)
  - Turbo Charger: VTG-parts (Variable Turbine Geometry)
- **Coolers and Cooling Water** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - Lube oil cooler (clean when necessary)
  - Jacket water cooler (clean when necessary)
  - Change air cooler
  - External cooling water system (check quarterly)
  - Cooling tower: Raw water quality (check weekly)

- Cooling water qualities (HT/LT/jacket/raw) (checked monthly)
- LT/raw water pump with drive and HT/jacket water pump with drive.
- **Alarm/ Control System** checking, controlling, cleaning, adjusting, lubricating, overhauling and changing of
  - Governor with linkage and couplings (check weekly)
  - Oil mist detector (Change filter when necessary)
  - Alarm and safety functions Engine management system
  - Pickups, flywheel and camshaft
- **Generator's** checking, cleaning, adjusting, testing, overhauling, Reconditioning and changing of parts (if necessary)
- Miscellaneous
  - Start stop solenoid system of engine
  - Fuel supply module
  - Exhaust pipe installation
  - Resilient, mount of engine to be checked / damage

#### 7.1.1 Scope of Supply:

1	2	3
Line Item No .	Description of Item	Manufacturer's Part No.
1.	Paper insert kit	473063
2.	Sealing set for injection valve	167044
3.	O-ring	156161
4.	Glue compound	387020
5.	Sealing set	476009
6.	Sealing ring	476018
7.	O-ring	476019
8.	O-ring	476022
9.	O-ring	476023
10.	Sealing ring	476027
11.	Filter candle	471063
12.	Sealing set	471126
13.	O-ring	223005
14.	O-ring	145019
15.	O-ring	145021
16.	O-ring	100015
17.	Gov overhaul kit	220395
18.	Gasket	223112
19.	Overhaul kit for booster	220396
20.	Sealing set	473081
21.	Sealing set hyd Cyl Main bearing	100142
22.	Gasket set for FF2110M035	916045078
23.	F 30/1 CHEVRONET filter (Size:595*595*150)	8039900246
24.	MINOR KIT G053 ACG 045X7 XTXX	191242
25.	Service kit 4 O-rings	ALF-578628-05
26.	O ring	223020
27.	O ring	223021

28.	O ring	131071
29.	O ring	131073
30.	O ring	131006
31.	O ring	131027
32.	O ring	377002
33.	Flexible hose	223160
34.	Maintenance Kit L1/L2	PABA156487
35.	PT100 for stator winding	PAAE082449
36.	PT100 for cold cooling air	PAAE174550
37.	PT100 for sleeve bearings (radial bearing surface)	ABBIN1016
38.	Varistor	ABBIN0463
39.	Diode	PAAE013811
40.	Double AVR system (Updated one)	PAAF236226
41.	1PT - Voltage transformer for excpower	PAAF969983
42.	3CT - Current transformer for short circuit excpower	PAAF082356
43.	2CT - Current transformer for actual value measurement	PAAE054819
44.	4CT - Current transformer for differential protection	PAAF082357
45.	Inlet Air Filters	ABBIN0469
46.	Anticondensation heater	PAAG006408
47.	Auxiliary terminal box B3A	PABA368951
48.	Drive-end sleeve bearing	PAAE181836
49.	Non-drive-end sleeve bearing	PAAE044055
50.	PV Bushing	3555-059
51.	PV Plunger	3548-053
52.	Oil filler cup	6611-837
53.	Grommet	36637-10
54.	Nozzle Assy	1297-105
55.	Accumulator piston	360022
56.	Magnet	36637-14
57.	Filter	3005-533
58.	oil gauge	1832-129
59.	O ring	1355-177
60.	Regulator	36637-7
61.	Spring	167014
62.	screw	167051
63.	Nozzle nut	167017
64.	Shaft	224062
65.	Pipe	223025
66.	Pipe	223026
67.	Pipe	223029
68.	Pipe union	223038
69.	Injection pipe	167012
70.	Connection piece	167196
71.	Cylinder head safety valve	125010
72.	Injection pump	165001
73.	Pump cover	165059
74.	Spare part set	177027
75.	Clamping ring	181292
76.	Flexible coupling	182017
77.	HT water pump	191001
78.	Maintenance kit	452102
79.	Spare parts kit	145030
80.	O-ring	120003
81.	Tappet roller	145009
82.	Roller pin	145010
83.	Pressure test device	800109

84.	Tools for cylinder head	800159
85.	Main lube oil pump	181001
86.	Bearing bush	224083
87.	Bearing bush	213020
88.	Bearing bush	224031
89.	Thrust bearing	224053
90.	Bearing bush	228054
91.	Bearing bush	213035
92.	Shut-down mechanism	213001
93.	Stop lever	213002
94.	Start blocking device	214001
95.	Main starting valve	357017
96.	Bonnet assembly	217087
97.	Spare parts and sealing set	217046
98.	Bush	211006
99.	Spring	211008
100.	O-ring	211016
101.	O-ring	211017
102.	Tube	3584438
103.	Cone block	3584441
104.	Over speed trip device	228010
105.	O'ring	217025
106.	O'ring	217029
107.	O'ring	217047
108.	Gasket	217003
109.	Pipe union	357023
110.	Pipe union	357391
111.	Pipe	357073
112.	pipe union	357031
113.	Rocker arm cover	107505
114.	Booster motor	223027
115.	Charge air cooler	476001(0114) PAAE 206032
116.	Push rod	145001
117.	Connecting rod	111011
118.	Valve tappet	145018
119.	ACTUATOR	220001
120.	Filter cartridge	B110021019
121.	Sealing set for cylinder head replacement	120015
122.	Lubricating oil filter	471056
123.	Filter Cartridge	471064
124.	Gasket	200018
125.	Gasket	120012
126.	Gudgeon pin	113010
127.	Cylinder unit overhaul set with gudgeon pin	912004
128.	Antipolishing ring	100003
129.	Piston	113001
130.	Cylinder Head	120001
131.	Plate	100092
132.	Screw	100112
133.	Water Jacket	100115
134.	Relief valve	107016
135.	Valve	107094
136.	Gasket	107664
137.	Piston crown	113003
138.	Securing ring	113009
139.	O-ring	113013
140.	Sealing push-in cap	120014

141.	Seat ring for exhaust valve	120022
142.	Sealing push-in cap	120050
143.	Sealing set for cylinder head overhaul	120054
144.	O-ring	121005
145.	Inlet Valve	121012
146.	Snap ring	148003
147.	Starting air cam	148024
148.	Lifter complete	161001
149.	Pump Element	165023
150.	Sealing Set	165080
151.	Injector Yoke	167006
152.	Injector Nut	167007
153.	Adjusting Screw	167018
154.	Prelubrication Pump	182018
155.	Service kit	181077
156.	Valve kit	181078
157.	Flexible Hose	372291
158.	Centrifugal Filter	473001
159.	Flexible hose, cleaning water to turbo charger	FH502
160.	Damping Wire	21007
161.	Locking Plate set	97115
162.	Spare part Kit	156380
163.	Nozzle	167020
164.	Push rod	167013
165.	Nozzle holder	167046
166.	Sealing set	474043
167.	Washer	223009
168.	Retaining ring	223023
169.	Pin	131025
170.	Bearing	223019
171.	Thrust bearing kit	100341
172.	Main bearing kit	100342
173.	Spare Part Kit	156379
174.	Floating labyrinth seal	PAAE103239
175.	Curil T	PABA351995
176.	1S-Circuit Breaker	PAAE099088
177.	2S-Circuit Breaker	PAAE046323
178.	5S-Circuit Breaker	PAAE046323
179.	Pipe union	357070
180.	GASKET	009420298
181.	BOOSTER SERVOMOTOR	009410346
182.	Spring	165075
183.	Spring	165077
184.	Control shaft - A	224008
185.	Control shaft - B	224072
186.	Torsional spring	224001
187.	Lever	224002
188.	Pin	224003
189.	Follower	224004
190.	Torsional spring	224005
191.	Shaft for lever	224018
192.	Lever	224019
193.	Screw	224020
194.	Screw bush	224069
195.	Sleeve for injection pump	224021



196.	Nut	224022
197.	Electronic module (ESM)	516387
198.	RESISTOR	PAAF768867
199.	S-TAPPING SCREW S-TAPPING SCREW	004710030

- N.B.: 1. Manufacturer's Name/ Country of Origin/ Model No./ Part Nos./ Product No./ Serial Nos., any other reference Nos. are mentioned as reference only;**  
**2. Tenderer can offer equivalent part no. of the offered items.**

**7.1.2 Scope of Works for 16K schedule maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine:**

**A) 16K Schedule Maintenance of the Engines:**

The Contractor's Personnel must accomplish 16K Scheduled maintenance works of the Engines. Maintenance works at 16000 EOH for Hathazari 100 MW Peaking Power Station shall be performed by authorized engineer & technician of Contractor as per the scope of works but not limited stated as below-

SL	Description	Works to be performed
i.	Centrifugal Filter	<ul style="list-style-type: none"> <li>➤ Clean the Centrifugal Filter</li> <li>➤ Check the Condition of bearings and shaft journals</li> </ul>
ii.	Control Mechanism	<ul style="list-style-type: none"> <li>➤ Maintain the Control Mechanism</li> <li>➤ Check for free movement, clean and lubricate</li> <li>➤ Check for wear in all connecting links between the governor and all injection pumps</li> <li>➤ Check the linkage connecting A- and B-Bank on engines</li> </ul>
iii.	Fuel Filter	<ul style="list-style-type: none"> <li>➤ Check the fuel oil filter</li> <li>➤ If the differential pressure indicator shows too high pressure drop, clean the filter cartridges (standard filter type) or replace them (paper cartridge type).</li> <li>➤ Replace the filter cartridges if they are broken or damaged.</li> </ul>
iv.	Electro-pneumatic stop device	<ul style="list-style-type: none"> <li>➤ Check the function of the stop device</li> <li>➤ Check the function and tripping speed of the engine- or plant- automation-controlled stop device</li> </ul>
v.	Flexible hoses	<ul style="list-style-type: none"> <li>➤ Inspect the flexible hoses visually and renew the hoses, if necessary</li> </ul>
vi.	Governor	<ul style="list-style-type: none"> <li>➤ Change the lubricating oil in the governor</li> </ul>
vii.	Injection valves	<ul style="list-style-type: none"> <li>➤ Inspect the injection valves</li> <li>➤ Test the opening pressure. Dismantle and clean the nozzles. Check the effective needle lift. Check the springs</li> <li>➤ Check and change the push rod, if necessary. Replace the O-rings. Check the nozzle condition in a test pump</li> </ul>
viii.	Turning device	<ul style="list-style-type: none"> <li>➤ Regrease the drive shaft when the turning device is connected and the engine is stopped</li> </ul>

SL	Description	Works to be performed
ix.	Charge air cooler	<ul style="list-style-type: none"> <li>➤ Clean the charge air cooler</li> <li>➤ Measure the charge air pressure drop over the charge air cooler (air side) both before and after cleaning to verify cleaning results</li> <li>➤ Clean both air and water side. Pressure test and check for leakage. Look carefully for corrosion</li> <li>➤ Replace parts, if necessary</li> </ul>
x.	Automatic deaerator	<ul style="list-style-type: none"> <li>➤ Check the correct functioning of the valve.</li> </ul>
xi.	Camshaft	<ul style="list-style-type: none"> <li>➤ Inspect the contact faces of the camshaft</li> <li>➤ Check the contact faces of the cams and tappet rollers</li> <li>➤ Check that the rollers rotate. Rotate the engine with the turning gear</li> </ul>
xii.	Cooling water spaces	<ul style="list-style-type: none"> <li>➤ Inspect the HT water spaces</li> <li>➤ Remove the end flange of the multiduct, and inspect the water side of the multiduct</li> </ul>
xiii.	Crankshaft and flexible coupling	<ul style="list-style-type: none"> <li>➤ Check the crankshaft alignment</li> <li>➤ Check the coupling alignment</li> <li>➤ Visually inspect the flexible elements</li> </ul>
xiv.	Exhaust system	<ul style="list-style-type: none"> <li>➤ Check the exhaust system.</li> <li>➤ Check the exhaust manifold for leaks and loose or broken supports</li> <li>➤ Check the insulation box for gaps and broken or loose parts. Rectify if needed</li> </ul>
xv.	Fuel system	<ul style="list-style-type: none"> <li>➤ Check the fuel system</li> <li>➤ Adjust if necessary</li> <li>➤ Rectify any leaks</li> </ul>
xvi.	Automatic deaerator	<ul style="list-style-type: none"> <li>➤ Replace the vent valve</li> </ul>
xvii.	Lubricating oil automatic filter	<ul style="list-style-type: none"> <li>➤ Replace the lubricating oil filter candles</li> <li>➤ Drain the filter housing</li> <li>➤ Clean the protective filter</li> <li>➤ Replace the filter candles</li> </ul>
xviii.	Lubricating oil coolers	<ul style="list-style-type: none"> <li>➤ Check the lubricating oil temperature. If the lubricating oil temperature before the engine is within normal operating values, no further actions needed</li> <li>➤ Clean the lubricating oil cooler before the alarm limit is reached</li> </ul>
xix.	Wastegate	<ul style="list-style-type: none"> <li>➤ Check the function of the air and exhaust wastegate valve and actuator</li> <li>➤ Replace the positioner pilot valve, if equipped</li> <li>➤ Inspect the air wastegate silencer.</li> </ul>
xx.	Booster servomotor for governor	<ul style="list-style-type: none"> <li>➤ Overhaul the booster servomotor.</li> <li>➤ Replace worn parts</li> </ul>

SL	Description	Works to be performed
xxi.	Camshaft driving gear	<ul style="list-style-type: none"> <li>➤ Inspect the intermediate gears</li> <li>➤ Replace parts, if necessary</li> </ul>
xxii.	Crankcase relief valve	<ul style="list-style-type: none"> <li>➤ Replace O-rings.</li> </ul>
xxiii.	Governor	<ul style="list-style-type: none"> <li>➤ Overhaul the governor in an authorized workshop</li> </ul>
xxiv.	Governor drive	<ul style="list-style-type: none"> <li>➤ Check the governor driving shaft bearing clearance in situ</li> </ul>
xxv.	Turning device	<ul style="list-style-type: none"> <li>➤ Maintain turning device</li> <li>➤ Change the oil in the turning device</li> <li>➤ Re-grease the drive shaft</li> </ul>
xxvi.	Crankshaft	<ul style="list-style-type: none"> <li>➤ Inspect one main bearing. If it is in bad condition, check all main bearings and change them, if necessary</li> <li>➤ Check the thrust bearing axial clearance</li> </ul>
xxvii.	Hydraulic jack for main bearing caps	<ul style="list-style-type: none"> <li>➤ Replace the O-rings in the hydraulic jack if they are leaking when lifting the main bearing cap</li> </ul>
xxviii.	Valve mechanism	<ul style="list-style-type: none"> <li>➤ Check the valve mechanism parts</li> <li>➤ Check the tappets</li> </ul>
xxix.	Camshaft	<ul style="list-style-type: none"> <li>➤ Inspect the camshaft bearings and change them, if necessary</li> </ul>
xxx.	Oil Mist separator	<ul style="list-style-type: none"> <li>➤ Overhaul oil mist separator</li> </ul>

### **B) Turbocharger (TC) Mechanical Cleaning through Sand Blasting:**

The Contractor's Personnel must accomplish Turbocharger (TC) Mechanical Cleaning through Sand Blasting works of the Engines. Turbocharger (TC) Mechanical Cleaning shall be performed by authorized engineer & technician of Contractor as per the OEM's scope of works but not limited stated as below-

- i. Removing of Cartridge from Turbocharger,
- ii. Removing of Nozzle Ring from Turbocharger,
- iii. Cleaning of Cartridge,
- iv. Cleaning of Nozzle Ring,
- v. Installation of Nozzle Ring,
- vi. Installation of Cartridge,
- vii. Commissioning of Complete Turbocharger Unit after completion of the mechanical cleaning & other associated works.

### **C) Upgradation of start stop solenoid system of engines:**

The Contractor's Personnel must accomplish Upgradation of start stop solenoid system of engines. Upgradation of start stop solenoid system of engines shall be performed by authorized

engineer & technician of Contractor as per the OEM's scope of works but not limited stated as below-

- i. Necessary modification works of two new stop solenoid valves for the Upgradation of start stop solenoid system of engines, the following solenoid valves will be installed during the modification works:
  - a. PAAF691069 for engines with 24 V solenoids
  - b. PAAF691070 for engines with 110 V solenoids
- ii. Necessary piping works,
- iii. Installation & Commissioning of start stop solenoid system of engines

**[Note: The spare parts only for the Upgradation of start stop solenoid system of engines will be provided by the Consignee from the Power Plant store]**

#### **D) Generator/ Alternator's L-3 Schedule Maintenance:**

Level-3 (L3) schedule maintenance works consist of performing extensive inspections and maintenance tasks. The purpose of this maintenance is to restore the machine to reliable operating condition. Preparations consist of opening the inspection covers, bearings and water cooler and the removal of the rotor and exciter.

The scope of Level-3 (L-3) Schedule Maintenance of Alternator shall have to be done as per the OEM's scope but not limited stated as below-

<b>Area of work/ Maintenance Object</b>	<b>Description of Inspection Works</b>	<b>Action (Check/ Test)</b>
<b>General Construction</b>		
Maintenance Operation	Visual Checking & Testing	Starting, Shutdown, Vibration measurement. No load point
Mounting and foundation	Visual Checking & Testing	Cracks, rust, alignment
Exterior	Visual Checking	Rust, leakage, Condition
Fastenings	Visual Checking & Testing	Tightness of all
Anchor bolts	Visual Checking & Testing	Fastening condition
<b>High Voltage Connection</b>		
High voltage cabling	Visual Checking & Testing	Wear, fastening
High voltage connections	Visual Checking & Testing	Oxidation, fastening
Terminal box accessories, ie. surge capacitors and arresters	Visual Checking	General condition, tightness
Cable transits	Visual Checking	Condition of cables entering

<b>Area of work/ Maintenance Object</b>	<b>Description of Inspection Works</b>	<b>Action (Check/ Test)</b>
		the machine and inside the machine
<b>Stator and Rotor</b>		
Stator core	Visual Checking	Fixing, cracks, welds
Stator winding insulation	Visual Checking, Testing & Cleaning	Wear, cleanliness, insulation resistance, turn insulations test, (high voltage test)
Stator coil overhangs	Visual Checking	Insulation damages
Stator coil supports	Visual Checking	Insulation damages
Stator wedges	Visual Checking	Movement, tightness
Stator terminal bars	Visual Checking	Fixing, insulation
Stator cable terminal fastenings and crimps	Visual Checking & Testing	Tightness, condition
Instrumentation	Visual Checking	Condition of cables and cable ties
Rotor poles	Visual Checking & Testing	Movement, tightness, fixing
Rotor winding insulation	Visual Checking, Testing & Cleaning	Wear, cleanliness, insulation on resistance, voltagedrop test
Rotor coil supports	Visual Checking	Movement, bending
Rotor balancing weights	Visual Checking	Movement
Damper Bars, Damper Joints, Fans	Visual Checking & Testing	Cracks, corrosion, ultra sound and knock test
Shaft and rotor center	Visual Checking	Cracks, corrosion, ultra sound and knock test
Air gap	Visual Checking & Testing	Equality
Connections in rotor	Visual Checking & Testing	Fixing, general condition
Earthing brushes	Visual Checking	Operation and general condition
Rotor shaft insulation	Visual Checking & Testing	General condition insulation resistance

Area of work/ Maintenance Object	Description of Inspection Works	Action (Check/ Test)
<b>Excitation System, control and protection</b>		
Exciter diode bridge	Visual Checking, Testing & Cleaning	Cleanliness, operations
Exciter semiconductors, diodes, varistors	Visual Checking, Testing & Cleaning	Operation, fixing
Excitation connections	Visual Checking, Testing & Cleaning	Fixing, general condition
Exciter winding insulation	Visual Checking & Testing	Wear, cleanliness. insulation resistance
Exciter air gap	Visual Checking, Testing & Disassembling/ Assembling	Equality
AVR Unit	Visual Checking & Testing	Operation, settings, stability test
AVR Board	Visual Checking & Testing	Operation, connections
PMG	Visual Checking & Testing	Operation, connections
Voltage transformer (VT)	Visual Checking & Testing	Operation, cleanliness
Short circuit current transformer (CT)	Visual Checking & Testing	Operation, cleanliness
Actual value CT	Visual Checking & Testing	Operation, cleanliness
Measurement and Protection CTs	Visual Checking & Testing	Operation, cleanliness
PT-100 elements (Stator, Cooling air, bearing)	Visual Checking & Testing	Resistance, insulation resistance
Anti-condensation heaters	Visual Checking & Testing	Operation, insulation resistance
Auxiliary Terminal boxes	Visual Checking & Testing	General Condition, terminals, wiring condition
Exciter Stator Fixing	Visual Checking	General Condition, cracks
<b>Lubrication System &amp; Bearings (Mechanical)</b>		
Bearing assembly	Visual Checking & Testing	Fixing, general condition
Bearing shells	Visual Checking, Testing & Disassembling/ Assembling	General condition, wear
Seals and gaskets	Visual Checking, Testing & Disassembling/ Assembling	Leakage
Bearing insulation	Visual Checking, Testing & Disassembling/ Assembling	Condition, insulation resistance

<b>Area of work/ Maintenance Object</b>	<b>Description of Inspection Works</b>	<b>Action (Check/ Test)</b>
Lubrication piping	Visual Checking, Testing & Disassembling/ Assembling	Leakage, operation
Lubrication oil	Visual Checking & Reconditioning	Quality, quantity, <i>flow</i>
Oil ring	Visual Checking	Operation
Oil flow regulator	Visual Checking & Testing	Operation
Oil tank	Visual Checking & Cleaning	Cleanliness, leakage
Lubrication Unit or Jack-up system	Visual Checking & Testing	Operation, replacement of pump, motor or coupling
Oil cooler/ heater	Testing	Oil temperature
Filters	Reconditioning	Lubrication & Jack-up unit
<b>Cooling System (Mechanical)</b>		
Fan(s)	Visual Checking	Operation, condition
Filters	Visual Checking, Cleaning & Reconditioning	Cleanliness, operation
Air ways	Visual Checking & Cleaning	Cleanliness, operation
Top Module Housing Gaskets	Visual Checking	Cleanliness, operation
Heat exchanger	Visual Checking	Leakage, operation, pressure test
Fans incld. motor	Visual Checking & Testing	Operation condition
Tubes (For tube cleaning, a tube brush set is required)	Visual Checking & Cleaning	Cleanliness, corrosion
Ducts	Visual Checking & Cleaning	Cleanliness, operation
End Chambers	Visual Checking & Cleaning	Leakage, condition
End Chamber seals and gasket	Reconditioning	Leakage, condition
Top module housing gaskets	Visual Checking & Cleaning	Cleanliness, operation
Plate fins	Visual Checking & Cleaning	General condition
Vibration dampers	Visual Checking	Condition and profile
Protective anodes	Visual Checking & Cleaning	Condition, activity

Area of work/ Maintenance Object	Description of Inspection Works	Action (Check/ Test)
Water flow regulator	Visual Checking & Testing	Operation
Leakage Detector	Visual Checking & Testing	Operation condition

1. The contractor shall keep adequate information on each engine & Generator operation hour and take necessary steps and arrange all the tools and equipment to perform the schedule maintenance/ overhauling works for the Engine & Generator Unit.
2. The Contractor shall take permission from the consignee prior to take shut down of an unit for the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine.
3. The 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine Works shall have to be done by following above mentioned Scopes, OEM's Guidelines and latest schedule maintenance bulletin of OEM.
4. The experts shall have to complete all the engines (10 nos of engines) 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine including supply of all spares mentioned in the scope of supply within **365 (three hundred sixty five) days** from the date of L/C opening. Maximum shut-down period will be given **15 (fifteen) days** to complete the whole 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system for **each of the engine**. Adequate man power shall be deployed by the Contractor to complete the above mentioned works within the stipulated time.
5. After completion of each engine's 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine, the Contractor shall submit a details completion report.
6. After completion of the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine, the experts of the Contractor shall observe the operation of the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system performed Engine at least one (01) hour smooth operation.
7. After completion of the works, the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system performed Engine must run minimum **6 hours continuous operation** at different loads including full load (considering de-rating of Engine as per OEM Curve) without any trouble as Commercial operation, for reliability test of the works of said engine in presence of PAC committee of BPDB as per NLDC demands and fuel facilities.



8. During the course of work for 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine, if any additional supply/ works require to be carried out, that additional works shall also be done by the Contractor including supply of necessary spares/ materials/ consumables to complete the said additional works within the Contract price. No additional payment shall be allowed in this respect.
9. **Qualification of Contractor's Experts (Engineer & technician) for performing the Engine's 16K Schedule Maintenance, Turbocharger Mechanical Cleaning & Upgradation of start stop solenoid system of engine Works:**

SL	Position	Educational qualification	Professional Experience
1.	Service Engineer	Bachelors/ Diploma Degree in Electrical/ Mechanical/ Instrumentation & Control/ Marine engineering	Minimum 5 years work experience for B.Sc Engineer or 7 years work experience for Diploma Degree on Schedule Maintenance of HFO fired Engine having capacity 8.0 MW or higher.
2.	Technician / Foreman	-	Minimum 5 years work on Schedule Maintenance of HFO fired Engine having capacity 8.0 MW or higher.
3.	Semi skilled Technician	-	Somewhat experience in related field
4.	Unskilled Technician	-	As required (no experience is required)

10. **Qualification of Contractor's Experts (Engineer & technician) for performing the Generator's L-3 Maintenance Works:**

SL	Position	Educational qualification	Professional Experience
1.	Service Engineer	Bachelors/ Diploma Degree in Electrical/ Mechanical/ Instrumentation & Control/ Marine engineering	Minimum 5 years work experience for B.Sc Engineer or 7 years work experience for Diploma Degree on Alternator Maintenance having capacity 8.0 MW or higher.
2.	Technician / Foreman	-	Minimum 5 years work on Alternator Maintenance having capacity 8.0 MW or higher.
3.	Semi skilled Technician	-	Somewhat experience in related field
4.	Unskilled Technician	-	As required (no experience is required)

### 7.3 Completion Period:

- (1) Completion time for the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine including Supply of Spares/ equipment/ related consumables at Hathazari 100 MW Peaking Power Plant shall not be more than **365 days** from the date of opening of L/C;
- (2) Completion time for the Supply of Spares / equipment/ related consumables at Hathazari 100 MW Peaking Power Plant shall not be more than **180 days** from the date of opening of L/C;
- (3) Maximum shutdown Period for the 16K Schedule Maintenance of the Engines, Generator's Level-3 (L-3) Schedule Maintenance Works, Turbocharger's Mechanical Cleaning Works and Upgradation of start stop solenoid system of engine shall not be more than **15 days for each engine** which is to be included in total Completion time of **365 days** of the Whole Works.

### 7.3 Facility to be provided by BPDB:

- a. BPDB personnel shall assist the experts in all maintenance service. But any lack of assistance shall not release the contractor to discharge his duties properly.
- b. Tools-tackles available at Hathazari 100MW peaking power station (to be assessed by the contractor before submission of the tender) will be provided free of charge.
- c. Overhead crane will be provided free of cost. But maintenance (if required) should be done by the contractor at his own cost for reliability of the crane before commencing of the work.
- d. Electricity, Fuel, gas and Water required for repair/commissioning work will be provided by BPDB free of cost, required arrangement to be done by the contractor.
- e. Accommodation of experts may be provided in the rest house (if available) without furniture and A/C by the Manager, Hathazari 100MW Peaking Power Station.

### 7.4 Safety

- a) Contractor shall strictly follow all safety conditions. Non-conformity of safety rules and safety appliances will be viewed seriously.
- b) The contractor will arrange for gate passes and any other permits required for carrying out his work from the respective agencies at his own cost at Plant area. He will also comply with regulations of security within the plant premises.

### 7.5 Responsibilities of the Contractor

- a) Tools (with Special tools), tackles those will be needed for complete schedule/breakdown works should be arrange by the contractor.
- b) The Contractor shall take all reasonable care to protect the materials and work till such time the installed equipment has been taken over by BPDB.
- c) The contractor shall be responsible for taking all safety precautions during the working period and while leaving keep all items in save zone. The contractor shall comply with all applicable provisions of the safety regulations clean-up program and other precautionary measures.
- d) Contractor shall have to responsible to BPDB's engineers for showing the progress of the work.

- e) HFO fuel consumption & lube oil consumption should be within limit as per OEM guideline.
- f) Environment pollution level must be below EIA report.

#### **7.6 Contractor's Liability:**

The contractor /supplier shall be liable for

- a. any death or injury to a person resulting from the contractor's or its employee or subcontractors or agents negligence or recklessness;
- b. any infringement or alleged infringement by the Contractor/Supplier or its employee, subcontractors or agents of any patent, copyright, registered design, trade mark right, trade secrets or any other intellectual property rights of any third party (an "Intellectual Property Infringement");
- c. any failure of the Contractor/Supplier or its employees, subcontractors or agents to comply with any applicable law, rule or regulation.

#### **7.7 confidential information and unauthorized commitment**

Both parties agree to respect each other's interest in maintaining the confidentiality of information. "Confidential Information" means: any information identified as confidential or proprietary by either party, or that ought reasonably under the circumstances to be treated as confidential or proprietary. Each party shall hold all Confidential Information provided to it by the other party in confidence and shall treat such Confidential Information with the same degree of care that it uses to protect its own Confidential Information, which must be no less than a reasonable degree of care. Each party shall also cause its employees, agents or sub-contractors to protect such Confidential Information at least at the same level of protection that is required under this provision. Either party may publicly disclose Confidential Information only after obtaining the written permission signed by an officer of the other party. Either party may disclose Confidential Information to the extent required by law or judicial order, if the prior written notice of such disclosure is furnished to the other party as soon as possible in order to afford the other party an opportunity to seek a protective order.

Except with the prior written consent of BPDB, the Contractor/Supplier shall refrain from using such above information for the contractor's employees, agents, and sub-contractors own purposes.

#### **7.8 Return of Surplus Items**

After completion of works all the surplus, damaged, unused materials, package materials/containers etc, shall be returned to BPDB Plant Store by the Contractor. The loading and unloading of these items at BPDB stores should be done by the contractor at no extra cost.

## **Section 8. Particular Specification**

*[None]*

## **Section 9. Drawings**

*[To be submitted by the Tenderer]*

**-The End-**