



RURAL POWER COMPANY LTD

**TENDER DOCUMENT
FOR**

**PROCUREMENT OF SPARE PARTS, 12K SCHEDULE
MAINTENANCE & UNSCHEDULED MAINTENANCE WORKS
OF GAZIPUR 105 MW HFO FIRED POWER PLANT.**

(UNDER INTERNATIONAL OPEN TENDERING METHOD)

Tender Enquiry No: PUR-016/(FG/GPP105 MW/OTM)/2021-22

10th March, 2022

**RURAL POWER COMPANY LIMITED
HOUSE-19, ROAD-1/B, SECTOR-09,
UTTARA MODEL TOWN,
DHAKA-1230, BANGLADESH**

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Section 1. Instructions to Tenderers

A. General

- 1. Scope of Tender**
- 1.1 The Purchaser named in the Tender Data Sheet (TDS) (hereinafter referred to as the "Purchaser") wishes to issues these Tender Documents for the supply of Goods, and Related Services incidental thereto, as specified in the TDS and as detailed in Section 6: Schedule of Requirements.
- 1.2 The name of the Tender and the number and identification of its constituent lot(s) are stated in the TDS.
- 1.3 The successful Tenderer will be required to complete the delivery of the goods and related services (when applicable) as specified in the GCC Clause **18**.
- 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; and
 - (c) "day" means calendar days unless otherwise specified as working days;
 - (d) "Tender Document ", means the Document provided by a Purchaser to a Tenderer as a basis for preparation of its Tender;
 - (e) "Tender ", depending on the context, means a Tender submitted by a Tenderer for delivery of Goods and Related Services to a Purchaser in response to an Invitation for Tender ;
- 3. Source of Funds**
- 3.1 The Purchaser has been allocated public funds from the source 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 funds allocated to a Purchaser under Government budget, or loan, grants and credits placed at the disposal of a Purchaser through the Government by the development partners or foreign states or organizations.
- 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 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 shall observe the highest standard of ethics during implementation of procurement proceedings and the execution of Contracts under public funds.
- 4.2 The Government requires that Procuring Entities, as well as Tenderers and Suppliers shall, during the Procurement proceedings and the execution of Contracts under public funds, ensure-
- (a) strict compliance with the provisions of Section 64 of the Public Procurement Act 2006 (Act 24 of 2006);
 - (b) abiding by the code of ethics as mentioned in the Rule 127 of the Public Procurement Rules, 2008;
 - (c) that neither it's any officer nor any staff or any other agents or intermediaries working on its behalf engages in any practice as detailed in ITT Sub Clause 4.3.
- 4.3 For the purposes of ITT Sub-clause 4.2 the terms set forth as bellows:
- (a) **corrupt practice** means offering, giving or promising to give, receiving, or soliciting, either directly or indirectly, to any officer or employee of a Purchaser 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 Purchaser 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 Purchaser, that is designed to arbitrarily reduce the number of Tenders submitted or fix Tender prices at artificial, noncompetitive levels, thereby denying a Purchaser 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 a Procurement proceeding or the execution of a Contract, and this will include creating obstructions in the normal submission process used for Tenders.
- 4.4 Should any corrupt, fraudulent, collusive or coercive practice of any kind come to the knowledge of the Purchaser, 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 Purchaser related to matters of alleged fraud or corruption shall be in writing.

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- 4.5 If corrupt, fraudulent, collusive or coercive practices of any kind determined by the Purchaser against any Tenderer alleged to have carried out such practices, the Purchaser shall -
- (a) exclude the concerned Tenderer from further participation in the particular Procurement proceeding; or
 - (b) reject any recommendation for award that had been proposed for that concerned Tenderer or;
 - (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.
- 4.6 The Tenderer 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 and others as stated in GCC Clause 3.

5. Eligible Tenderers

- 5.1 This Invitation for Tenders is open to eligible Tenderers from all countries, except for any specified in the TDS. A Tenderer will be eligible if it is a citizen, or is constituted, registered and operates in conformity with the provisions of the laws of that country.
- 5.2 A Tenderer may be a physical or juridical individual or body of individuals, or company, association 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 Government-owned enterprises in Bangladesh shall be eligible only if they can establish that they (i) are legally and financially autonomous, (ii) operate under commercial law, and (iii) are not a dependent agency of the Purchaser.
- 5.4 Tenderers shall have the legal capacity to enter into the Contract. A Tenderer that is under a declaration of ineligibility by the Government of Bangladesh in accordance with applicable laws at the date of the deadline for Tender submission or thereafter shall be disqualified.
- 5.5 Tenderers and all parties constituting the Tenderer shall not have a conflict of interest pursuant to Rule 55 of the Public Procurement Rules, 2008.
- 5.6 Tenderers in its own name or its other names or also in the case of its Persons in different names, shall not be under a declaration of ineligibility for corrupt, fraudulent, collusive or coercive practices as stated under ITT Sub Clause 4.3.
- 5.7 Tenderers are not restrained or barred from participating in public Procurement on grounds of execution of defective supply in the past under any Contract.
- 5.8 Tenderers are not under a declaration of ineligibility by an international financing agency such as World Bank, Asian Development Bank or any other international agency.
- 5.9 Tenderers shall not be insolvent, be in receivership, be bankrupt, be in

the process of bankruptcy, be not temporarily barred from undertaking business and it shall not be the subject of legal proceedings for any of the foregoing.

5.10 Tenderers 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. In the case of foreign Tenderers, a certificate of competent authority in that country of which the Tenderer is citizen shall be provided.

5.11 Tenderers shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser will reasonably request.

5.12 These requirements for eligibility will extend, as applicable, to Sub-contractor proposed by the Tenderer.

6. Eligible Goods and Related Services

6.1 All goods and related services to be supplied under the contract are eligible, unless their origin is from a country specified in the TDS.

6.2 For purposes of this Clause, the term "goods" includes commodities, raw material, machinery, equipment, and industrial plants; and "related services" includes services such as insurance, transportation, installation, and commissioning, training, and initial maintenance.

6.3 For purposes of this clause, "origin" means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

6.4 The origin of goods and services is distinct from the nationality of the Tenderer. The nationality of the firm that produces, assembles, distributes, or sells the goods shall not determine their origin.

7. Site Visit

7.1 For goods contracts requiring installation/ commissioning/ networking or similar services at site, the Tenderer, at the Tenderer's own responsibility and risk, is encouraged to visit and examine the Site and obtain all information that may be necessary for preparing the Tender and entering into a contract for the supply of goods and related services.

7.2 The Tenderer should ensure that the Purchaser is informed of the visit in adequate time to allow it to make appropriate arrangements.

7.3 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 Schedule of Requirements
- Section 7 Technical Specifications
- Section 8 Drawings

8.2 The Purchaser shall reject any Tender if the Tender Document was not purchased directly from the Purchaser, 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 addendum to Tender Documents.

9. Clarification of Tender Documents

9.1 A prospective Tenderer requiring any clarification of the Tender Document shall contact the Purchaser in writing at the Purchaser's address indicated in the TDS before **two-third** of time allowed for preparation and submission of Tender elapses.

9.2 A Purchaser is not obliged to answer any clarification received after that date requested under ITT Sub-Clause 9.1.

9.3 The Purchaser 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 Purchaser 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 Purchaser deem it necessary to amend the Tender Document as a result of a clarification, it shall do so following the procedure under ITT Clause 11.

10. Pre-Tender Meeting

10.1 To clarify issues and to answer questions on any matter arising in the Tender Document, the Purchaser 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 to attend the meeting, if it is held.

10.2 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 one week (7 days) after holding the meeting to all those who purchased the Tender Document and even those who did not attend the meeting.

10.3 Any amendment to the Tender Document listed in ITT Sub-Clause 8.1 that may become necessary as a result of the pre-Tender meeting shall be made by the Purchaser exclusively through the issue of an Addendum as stated under 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 Documents

- 11.1 At any time prior to the deadline for submission of Tenders, the Purchaser on its own initiative or in response to a clarification request 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 pursuant to Rule 95 of the Public Procurement Rules, 2008.
- 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 shall be circulated by fax, mail or e-mail, to Tenderers who have purchased the Tender Documents within five (5) working days of issuance of such addendum, to enable Tenderers to take appropriate action.
- 11.3 The Tenderer shall acknowledge receipt of an addendum.
- 11.4 Tenderers who have purchased the Tender Documents but have not received any addendum issued under ITT Sub-clause 11.1 shall inform the Purchaser of the fact by fax, mail or e-mail before **two-third** of the time allowed for the submission of Tenders has elapsed.
- 11.5 Procuring Entities shall also ensure posting of relevant addenda with the reference number and date on their website.
- 11.6 To give a prospective Tenderer reasonable time in which to take an amendment into account in preparing its Tender, the Purchaser may, at its discretion, extend the deadline for the submission of Tenders, pursuant to Rule 95(6) of the Public Procurement Rule, 2008 and under ITT Clause 36.
- 11.7 If an addendum is issued when time remaining is less than one-third of the time allowed for the preparation of Tenders, a Purchaser 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. The minimum time for such extension shall not be less than seven (7) days.

C. Qualification Criteria

12. General Criteria

- 12.1 The Purchaser requires the Tenderer to be qualified by meeting predefined, precise minimum requirements, which entails setting pass/fail criteria, which if not met by the Tenderer, will result in rejection of its Tender.
- 12.2 In addition to meeting the eligibility criteria, as stated in ITT Clause 5, the Tenderer must satisfy the other criteria stated in ITT Clauses 13 to 15 inclusive.
- 12.3 To qualify for a multiple number of lots in a package 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 lot. The requirement of overall experience and specific experience under ITT Sub-Clause 14.1 (a) and 14.1 (b) shall not be separately applicable for

individual lot.

- 13. Litigation History** 13.1 The maximum number of arbitration awards against the Tenderer over a period shall be as specified in the TDS.
- 14. Experience Criteria** 14.1 Tenderers shall have the following minimum level of supply experience to qualify for supplying the Goods and Related Services under the contract:
- (a) A minimum number of years of overall experience in the supply of goods and related services as specified in the TDS; and
 - (b) Specific experience of satisfactory completion of supply of similar goods of minimum value stated in the TDS under maximum number of contracts stated in TDS within the period stated in TDS; and
 - (c) A minimum supply and/or production capacity of Goods as specified in the TDS.
- 15. Financial Criteria** 15.1 Tenderers shall have the following minimum level of financial capacity of qualify for the supply of goods under the contract:
- (a) Availability of minimum liquid assets or working capital or credit facilities from a Bank, as specified in the TDS.
- 16. Appointment of Subcontractor** 16.1 Tenderer, pursuant to Rule 53 of the PPR2008, is allowed to sub-contract a portion of the Supply.
- 16.2 The Tenderer shall specify in its Tender all portion of the Goods that will be Subcontracted, if any, including the entity(ies) to whom each portion will be subcontracted to, subject to the maximum allowable limit for subcontracting of Goods specified in the TDS.
- 16.3 All subcontracting arrangement must be disclosed at the time of Tendering, and subcontractors must be identified in the Tender submitted by Tenderer.
- 16.4 A Subcontractor may participate in more than one Tender, but only in that capacity.
- 16.5 Subcontractors must comply with the provision of ITT Clause 5. For this purpose contractor shall complete the Subcontractor's information in Form PG4-1 for submission with tender.
- 16.6 If the Purchaser determines that a subcontractor is ineligible, the subcontracting of such portion of the Goods assigned to the ineligible subcontractor shall be disallowed.

D. Tender Preparation

- 17. Only One Tender** 17.1 If a Tender for Goods is invited on 'lot-by-lot' basis, each lot shall constitute a Tender. A Tenderer shall submit only one (1) Tender for each lot, A Tenderer who submits or participates in more than one (1) Tender for each lot will cause all the Tenders with that Tenderer's participation to be rejected.

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- 18. Cost of Tendering** of 18.1 Tenderers shall bear all costs associated with the preparation and submission of its Tender, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.
- 19. Issuance and Sale of Tender Document** of 19.1 A Purchaser, pursuant to Rule 94 of the Public Procurement Rules, 2008 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 pursuant to Rule 90 of the Public Procurement Rules, 2008.
- 19.2 Full contact details with mailing address, telephone and facsimile numbers and electronic mail address, as applicable, of those to whom Tender Documents have been issued shall be recorded with a reference number by the Purchaser or its agent.
- 19.3 There shall not be any pre-conditions whatsoever, for sale of Tender Document and the sale of such Document shall be permitted up to the day prior to the day of deadline for the submission of Tender.
- 20. Language of Tender** of 20.1 Tenders shall be written in English language. Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation of the relevant passages into the English language, in which case, for purposes of interpretation of the Tender, such translation shall govern.
- 20.2 Tenderers shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.
- 21. Contents of Tender** of 21.1 The Tender prepared by the Tenderer shall comprise the following:
- (a) Tender Submission Letter (Form PG4-1) as furnished in Section 5: Tender and Contract Forms;
 - (b) Tenderer information sheet (Form PG4-2) as furnished in Section 5: Tender and Contract Forms;
 - (c) The completed Price Schedule for Goods and Related Services (Form PG4-3A, 3B, 3C and PG4-3D) as furnished in Section 5: Tender and Contract Forms as stated under ITT Clauses 23 and 24;
 - (d) Tender Security as stated under ITT Clause 29, 30 and 31;
 - (e) The completed Specifications Submission and Compliance Sheet (Form PG4-4) as furnished in Section 5: Tender and Contract Forms as stated under ITT clause 25.2;
 - (f) Alternatives, if permitted, as stated under with ITT Clause 22;
 - (g) Written confirmation authorising the signatory of the Tender to commit the Tenderer, as stated under ITT Sub-Clause 34.3;
 - (h) The completed eligibility declarations, to establish its eligibility as stated under ITT Clause 5, in the Tender Submission Sheet (Form PG4-1), as furnished in section 5: Tender and Contract Forms;
 - (i) An affidavit confirming the legal capacity stating that there are no existing orders of any judicial court that prevents either the Tenderer or employees of a Tenderer entering into or signing a

Contract with the Purchaser as stated under ITT clause 5;

- (j) An affidavit confirming that the Tenderer is not insolvent, in receivership or not bankrupt or not in the process of bankruptcy, not temporarily barred from undertaking their business for financial reasons and shall not be the subject of legal proceedings for any of the foregoing as stated under ITT Clause 5;
- (k) A certificate issued by the competent authority stating that the Tenderer is a Tax payer having valid Tax identification Number (TIN) and VAT registration number or in lieu any other document acceptable to the Purchaser demonstrating that the Tenderer is a genuine Tax payer and has a VAT registration number as a proof of fulfillment of taxation obligations as stated under ITT Clause 5. In the case of foreign Tenderers, a certificate of competent authority in that country of which the Tenderer is citizen shall be provided ;
- (l) Documentary evidence demonstrating that they are enrolled in the relevant professional or trade organizations registered in Bangladesh or in case of foreign tenderer in their country of origin or a certificate concerning their competency issued by a professional institution in accordance with the law of the country of their origin, as stated under ITT Clause 5;
- (m) The country of origin declarations, to establish the eligibility of the Goods and Related Services as stated under ITT Clause 6, in the Price Schedule for Goods and Related Services (Form PG4-3B, 3C and PG4-3D) as, applicable, furnished in Section 5: Tender and Contract Forms;
- (n) Documentary evidence as stated under ITT Clauses 25, that the Goods and Related Services conform to the Tender Documents;
- (o) Documentary evidence as stated under ITT Clause 26 that the Tenderer's qualifications conform to the Tender Documents;
- (p) Documents establishing legal and financial autonomy and compliance with commercial law, as stated under ITT Sub-clause 5.3 in case of government owned entity; and
- (q) Any other document as specified in the TDS.

21.2 The Tenderer shall submit the Tender Submission Letter (Form PG4-1) as furnished in Section 5: Tender and Contract Forms. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.

21.3 The Tenderer shall submit the completed Price Schedule for Goods and Related Services (Form PG4-3A, 3B, 3C and PG4-3D), according to their origin as appropriate as furnished in section 5: Tender and Contract Forms.

22. Alternatives

22.1 Unless otherwise stated in the TDS, alternatives shall not be considered.

23. Tender Prices, Discounts

23.1 The prices and discounts quoted by the Tenderer in the Tender Submission Letter (Form PG4-1) and in the Price Schedule (Form

PG4-3A, 3B, 3C and PG4-3D) shall conform to the requirements specified below.

- 23.2 All lots or items as listed in Section 6: Schedule of Requirements must be listed and priced separately on the Price Schedule following the Form PG4-3A, 3B, 3C and PG4-3D as applicable.
- 23.3 Tenders are being invited either for a single lot or for a number of lots on 'lot-by-lot' basis, as specified in the TDS.
- 23.4 Each lot shall constitute a Tender, If Tenders for Goods are invited on 'lot-by-lot' basis.
- 23.5 Tenders being invited for a single lot or for a number of lots on 'lot-by-lot' basis, price quoted shall correspond to 100% of the items specified for each lot and to 100% of the quantities specified for each item of that particular lot and shall correspond to 100% of the total offered lot value, unless otherwise stated in the TDS
- 23.6 A Lot Tender not offering minimum number of items of those being priced based on percentage of the total number of items, and, the corresponding minimum value based on percentage of the total lot value, as specified in the ITT Sub-Clause 23.5 shall also be considered non-responsive.
- 23.7 Subject to ITT Sub-Clause 23.5, a Lot tender not offering a particular item which represents more than fifty percent (50%) of the estimated lot value identified by the Purchaser and specified in the TDS, even if it complies with the requirement of minimum number of items based on percentage of the total number of items as stated under ITT Sub Clause 23.5, shall be considered non-responsive.
- 23.8 The price to be quoted in Tender Submission Letter (Form PG4-1) shall be the total price of the Tender, excluding any discounts offered, **only in case of being awarded more than one lot**, by the Tenderer
- 23.9 The Tenderer wishing to offer any discount shall indicate the methodology for their application in the Tender Submission Letter (Form PG4-1) **for being awarded of more than one lot**.
- 23.10 Prices shall be quoted as specified in each Price Schedule (Form PG4-3A, 3B, 3C and PG4-3D) as applicable. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of tenders by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. In quoting prices, the Tenderer shall be free to use transportation through carriers registered in any eligible Countries. Similarly, the Tenderer may obtain insurance services from any eligible country. Prices shall be entered in the following manner:
- 23.11 For Goods, manufactured within Bangladesh, the prices in the Price schedule (Form PG4-3A) shall be entered separately in the following manner:
- (a) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable),

including all customs duties and import VAT and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;

- (b) VAT payable on account of supplier, if the contract is awarded ; and
- (c) the price for inland transportation, insurance, and other local costs for the delivery of the Goods to their final destination (Project Site) specified in the TDS.

23.12 For Goods, manufactured outside Bangladesh, to be imported, the prices in the Price schedule (Form PG4-3B) shall be entered separately in the following manner:

- (a) the price of the Goods, quoted CIP (named place of destination, in the Bangladesh) or CIF (named port of destination, in Bangladesh) as specified in the TDS;
- (b) VAT payable on account of supplier, if the contract is awarded; and
- (c) the price for inland transportation, insurance, and other local costs for the delivery of the Goods to their final destination (Project Site) specified in the TDS;
- (d) in addition to the CIP/CIF prices specified in 23.12(a) above, the price of the Goods to be imported may be quoted in other *INCOTERM* and shall be governed by the rules prescribed in the current edition of *INCOTERM* published by the International Chamber of Commerce, Paris, if so specified in the TDS;

23.13 For Goods, manufactured outside Bangladesh, already imported, the prices in the Price schedule (Form PG4-3C) shall be entered separately in the following manner:

- (a) the price of the Goods, including the original import value of the Goods; plus any mark-up ; plus any other related local cost, and custom duties, import VAT and other import taxes already paid on the Goods already imported.
- (b) the custom duties, import VAT and other import taxes already paid (need to be supported with documentary evidence) on the Goods already imported;
- (c) the price of the Goods, obtained as the difference between (a) and (b) above;
- (d) VAT payable on account of supplier, if the contract is awarded; and
- (e) the price for inland transportation, insurance, and other local costs for the delivery of the Goods to their final destination (Project Site) specified in the TDS.

[For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark-up of the local agent or representative and all local costs except

import duties and taxes, which have been paid. For clarity the tenderers are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those values.]

23.14 for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the prices in the price schedule (Form PG4-3D) shall be entered in the following manner :

- (a) the price of each item comprising the Related Services (inclusive of any applicable taxes).

**24. Tender
Currency**

24.1 For expenditures that will be incurred in Bangladesh, the Tenderer shall quote the prices in Bangladesh Taka.

24.2 Suppliers offering Goods manufactured or assembled in Bangladesh, are permitted to submit their Tender in a combination of local and foreign currencies.

24.3 For expenditures that will be incurred outside Bangladesh, the Tenderer may quote the prices in USD or GBP or EUR or JPY as specified in TDS.

**25. Documents
Establishing the
Conformity of
the Goods and
Related
services**

25.1 To establish the conformity of the Goods and Related Services to the Tender Documents, the Tenderer shall furnish as part of its Tender the documentary evidence that the Goods and Related services conform to the technical specifications and standards in Section 7, Technical Specifications.

25.2 Documentary evidence of conformity of the Goods and services to the Tender Documents may be in the form of literature, drawings, and data, and shall consist of:

- (a) a detailed description of the essential technical and performance characteristics of the Goods;
- (b) if so required in TDS, tenderer shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the TDS, following commencement of the use of the Goods by the Purchaser ; and
- (c) an item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the Goods and Related services to those specifications, or a statement of deviations and exceptions to the provisions of Section 7. Technical Specifications.

**26. Documents
Establishing
Qualifications
of the Tenderer**

26.1 The documentary evidence of the Tenderer's qualifications to perform the contract if its Tender is accepted shall establish to the Purchaser's satisfaction:

- (a) that the Tenderer meets each of the qualification criterion specified in Sub-Section C, Qualification Criteria of the ITT;
- (b) that, if required in the TDS, a Tenderer that does not manufacture

or produce the Goods it offers to supply shall submit the Manufacturer's Authorization Letter (Form PG4-5) 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.; and

- (c) that, if required in the TDS, in case of a Tenderer not doing business within Bangladesh, the Tenderer is or will be (if awarded the contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance.

27. Validity Period of Tender

- 27.1 Tender validities shall be determined on the basis of the complexity of the Tender and the time needed for its examination, evaluation, approval of the Tender and issuance of the Notification of Award pursuant to Rule 19 and 20 of the Public Procurement Rules, 2008.
- 27.2 Tenders shall remain valid for the period specified in the TDS after the date of Tender submission deadline prescribed by the Purchaser, as stated under ITT Clause 36. A Tender valid for a period shorter than that specified will be rejected by the Purchaser as non-responsive.

28. Extension of Tender Validity and Tender Security

- 28.1 In justified exceptional circumstances, prior to the expiration of the Tender validity period, the Purchaser following Rule 21 of the Public Procurement Rules, 2008 may solicit, **not later than ten (10) days** before the expiry date of the Tender validity, compulsorily all the Tenderers' consent to an extension of the period of validity of their Tenders.
- 28.2 The request for extension of Tender validity period shall state the new date of the validity of the Tender.
- 28.3 The request from the Purchaser and the responses from the Tenderers will be made in writing.
- 28.4 Tenderers consenting in writing to the request made by the Purchaser under ITT Sub-Clause 28.1 shall also correspondingly extend the validity of its Tender Security for twenty-eight (28) days beyond the new date for the expiry of Tender validity.
- 28.5 Tenderers consenting in writing to the request under ITT Sub-Clause 28.1 shall not be required or permitted to modify its Tender in any circumstances.
- 28.6 If the Tenderers are not consenting in writing to the request made by the Purchaser under ITT Sub-Clause 28.1, its Tender will not be considered for subsequent evaluation.

29. Tender Security

- 29.1 The Tender Security and its amount shall be determined sufficient to discourage the submission of frivolous and irresponsible tenders pursuant to Rule 22 of the Public Procurement Rule, 2008 and shall be expressed as a rounded fixed amount and, shall not be stated as a precise percentage of the estimated total Contract value.
- 29.2 The Tenderer shall furnish as part of its Tender, in favour of the Purchaser or as otherwise directed on account of the Tenderer as specified in TDS.

29.3 Amount of the Tender security may be determined on the basis of different percentages for each lot, but the amount in fixed and currency as specified in TDS, if so indicated that the Tenders are invited on lot-by-lot basis under ITT Sub Clause 23.3

30. Form of Tender security

30.1 The Tender Security shall be in the form of an irrevocable bank guarantee issued by an internationally reputable bank and shall require to be endorsed by its any correspondent bank located in Bangladesh, to make it enforceable, in the format (Form PG4-6) furnished in Section 5: Tender and Contract Forms;

30.2 be payable promptly upon written demand by the Purchaser in the case of the conditions listed in ITT Clause 33 being invoked; and

30.3 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 detailed under ITT Clause 33 and pursuant to Rule 25 of the Public Procurement Rules,2008.

31. Authenticity of Tender Security

31.1 The authenticity of the Tender security submitted by a Tenderer shall be examined and verified by the Purchaser in writing from the Bank issuing the security, prior to finalization of the Evaluation Report pursuant to Rule 24 of the Public Procurement Rule,2008.

31.2 If a Tender Security is found to be not authentic, the Tender which it covers shall not be considered for subsequent evaluation and in such case the Purchaser shall proceed to take punitive measures against that Tenderer as stated under ITT Sub-Clause 4.6, pursuant to Rule 127 of the Public Procurement Rules, 2008 and in accordance with Section 64(5) of the Public Procurement Act, 2006.

31.3 Tender not accompanied by a valid Tender Security as stated under Sub-Clause 29, 30 and 31, shall be considered as non-responsive.

32. Return of Tender Security

32.1 No Tender security shall be returned by the Tender Opening Committee (TOC) during and after the opening of the Tenders pursuant to Rule 26 of the Public Procurement Rules 2008.

32.2 No Tender security shall be returned to the Tenderers before contract signing, except to those who are found non-responsive.

32.3 Tender securities of the non-responsive Tenders shall be returned immediately after the Evaluation Report has been approved by the Purchaser.

32.4 Tender securities of the responsive Tenderers shall be returned only after the lowest evaluated responsive Tenderer has submitted the performance security and signed the contract , that being even before the expiration of the validity period specified in Clause 27.

32.5 Tender Securities of the Tenderers not consenting within the specified date in writing to the request made by the Purchaser under ITT Sub-Clause 28.1 in regard to extension of its Tender validity shall be discharged or returned forthwith.

33. Forfeiture

of 33.1 The Tender security pursuant to Rule 25 of the Public Procurement

Tender Security

Rules, 2008 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 Clauses 27, and 28, pursuant to Rule 19 of the Public Procurement Rules 2008; or
- (b) refuses to accept a Notification of Award as stated under ITT Sub-Clause 62.3, pursuant to Rule 102 of the Public Procurement Rules 2008; or
- (c) fails to furnish performance security as stated under ITT Sub-Clause 63.2, pursuant to Rule 102 of the Public Procurement Rules 2008; or
- (d) refuses to sign the Contract as stated under ITT Sub-Clause 67.2 pursuant to Rule 102 of the Public Procurement Rules 2008; or
- (e) does not accept the correction of the Tender price following the correction of arithmetic errors as stated under ITT Clause 49, pursuant to Rule 98(11) of the Public Procurement Rules 2008

**34. Format
Signing
Tender****and
of**

- 34.1 The Tenderer shall prepare one (1) original of the documents comprising the Tender as described in ITT Clause 21 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.
- 34.2 Alternatives, if permitted under ITT Clause 22, shall be clearly marked "Alternative".
- 34.3 The original and each copy of the Tender shall be typed or written in indelible ink and shall be signed by a person duly authorised to sign on behalf of the Tenderer. This authorisation shall consist of a written authorisation and shall be attached to the Tender Submission Letter (Form PG4-1).
- 34.4 The name and position held by each person signing the authorisation must be typed or printed below the signature.
- 34.5 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.
- 34.6 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialled by the person(s) signing the Tender.
- 34.7 Person(s) signing the Tender shall describe his or her name, address, position.

E. Tender Submission**35. Sealing,
Marking and
Submission of
Tender**

- 35.1 The Tenderer shall enclose the original in one (1) envelope and all the copies of the Tender, including the alternative, if permitted under ITT Clause 22 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.

- 35.2 Tenders shall be properly marked by Tenderers in order not be confused with other types of correspondence which may also be hand-delivered or posted by mail or courier service. The inner and outer envelopes shall:
- (a) bear the name and address of the Tenderer ;
 - (b) be addressed to the Purchaser as stated under ITT Sub-Clause 36.1;
 - (c) bear the specific identification of this tendering process indicated in ITT Sub-Clause 1.2 and any additional identification marks as specified in the TDS; and
 - (d) bear a statement "DO NOT OPEN BEFORE..." the time and date for Tender opening, as stated under ITT Sub- Clause 42.2
- 35.3 The Tenderer is solely and entirely responsible for pre-disclosure of Tender information if the envelope(s) are not properly sealed and marked.
- 35.4 Tenders shall be delivered by hand or by mail, including courier services to location as designated in the ITT Sub-Clause 36.1.
- 35.5 Tenders shall be submitted on the basis of this Tender Document issued by the Purchaser.
- 35.6 The Purchaser will, on request, provide the Tenderer with a receipt showing the date and time when it's Tender was received.
- 35.7 When so specified in the TDS, tenderers shall have the option of submitting their tenders electronically.
- 35.8 Tenderers submitting tenders electronically shall follow the electronic tender submission procedures specified in the TDS.

36. Deadline for Submission of tenders

- 36.1 Tenders shall be delivered to the Purchaser at the address specified in the TDS and no later than the date and time specified in the TDS.
- 36.2 The Purchaser may, at its discretion on justifiably acceptable grounds duly recorded, extend the deadline for submission of Tender as stated under ITT Sub Clause 36.1, in which case all rights and obligations of the Purchaser and Tenderers previously subject to the deadline will thereafter be subject to the new deadline as extended.

37. Late tender

- 37.1 Any Tender received by the Purchaser after the deadline for submission of Tenders as stated under ITT Sub-Clause 36.1, shall be declared LATE, rejected, returned unopened to the Tenderer.

38. Modification, Substitution or Withdrawal of Tenders

- 38.1 A Tenderer may modify, substitute or withdraw its Tender after it has been submitted by sending a written notice duly signed by the authorised signatory properly sealed, and shall include a copy of the authorisation (the power of attorney), confirmed by an affidavit duly authenticated as stated under ITT Clause 34.3, provided that such written notice including the affidavit is received by the Purchaser prior to the deadline for submission of Tenders as stated under ITT Sub-Clause 36.1.

39. Tender Modification

- 39.1 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".

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- 40. Tender Substitution** 40.1 The Tenderer shall not be allowed to retrieve its original Tender, but shall be allowed to submit another Tender marked as "SUBSTITUTION".
- 41. Withdrawal of Tender** 41.1 The Tenderer shall be allowed to withdraw its Tender by a Letter of Withdrawal marked as "WITHDRAWAL".

F. Tender Opening and Evaluation

- 42. Tender Opening** 42.1 Tenders shall be opened pursuant to Rule 97 following steps in Part D of Schedule IV of The Public Procurement Rule, 2008.
- 42.2 Tenders shall be opened in public immediately after the deadline for submission of Tenders at the place, date and time as specified in the TDS but no later than **ONE HOUR** after expiry of the submission deadline. Tender opening shall not be delayed on the plea of absence of Tenderers or his or her representatives.
- 42.3 Any specific electronic Tender opening procedures required if electronic tendering is permitted under ITT Sub-Clause 35.7, shall be as specified in the TDS.
- 42.4 Persons not associated with the Tender may not be allowed to attend the public opening of Tenders.
- 42.5 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.
- 42.6 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 based on documents submitted under ITT Sub Clause 38.1.
- 42.7 Tenders will be opened in the following manner:
- (a) firstly, envelopes marked "Withdrawal" shall be opened and "Withdrawal" notices read aloud and recorded, and the envelope with the corresponding Tender shall not be opened, but returned unopened to the Tenderer by the Purchaser at a later time immediately after preliminary examination by the Tender Evaluation Committee (TEC) as stated under ITT Sub-Clause 45.1. No Tender withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and in such case the Tender shall be read aloud at the Tender opening ;
 - (b) secondly, the remaining Tenders will be sorted out and those marked "substitutes" or "modified" will be linked with their corresponding "original"(O) Tender;
 - (c) Next, envelopes marked "Substitution"(S) shall be opened and read aloud and recorded, and exchanged with the corresponding Tender being substituted, and the substituted Tender shall not be opened, but returned unopened to the Tenderer by the Purchaser at a later time immediately after preliminary examination by the Tender Evaluation Committee (TEC) as stated under ITT Sub-Clause 45.1 . No Tender substitution shall be permitted unless the

corresponding substitution notice contains a valid authorization to request the substitution and in such case the Tender shall be read aloud at the Tender opening.

- (d) Next envelopes marked "Modification" (M) shall be opened and read aloud with the corresponding Tender and recorded. No Tender modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and in such case the Tender shall be read aloud at the Tender opening.
- (e) thirdly, if so specified in this Tender Document, the envelopes marked "Alternative" (A) shall be opened and read aloud with the corresponding Tender and recorded.

42.8 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) the number of initialled corrections;
 - (v) any discounts;
 - (vi) any alternatives;
 - (vii) the presence or absence of any requisite Tender Security; and
 - (viii) such other details as the Purchaser, at its discretion, may consider appropriate.
- (b) only discounts and alternative 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.

42.9 Upon completion of Tender opening, all members of the Tender Opening Committee and the Tenderer or Tenderer's duly authorised representatives attending the Tender opening shall sign by name, address, designation and their national Identification Numbers the Tender Opening Sheet, copies of which shall be issued to the Head of the Purchaser 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.

42.10 The omission of a Tenderer's signature on the record shall not invalidate the contents and effect of the record under ITT Sub-Clause 42.8.

42.11 No Tender will be rejected at the Tender opening stage except the LATE Tenders. .

42.12 A copy of the record shall be distributed to all Tenderers who submitted tenders in time, and posted online when electronic tendering is permitted.

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- 43. Evaluation of Tenders**
- 43.1 Purchaser's Tender Evaluation Committee (TEC) shall examine, evaluate and compare Tenders that are responsive to the mandatory requirements of Tender Documents in order to identify the successful Tenderer.
- 43.2 Tenders shall be examined and evaluated only on the basis of the criteria specified in the Tender Document.
- 44. Evaluation process**
- 44.1 The TEC may consider a Tender as responsive in the Evaluation, only if it is submitted in compliance with the mandatory requirements set out in the Tender Document. The evaluation process should begin immediately after tender opening following four steps:
- (a) Preliminary Examination;
 - (b) Technical Examinations and Responsiveness;
 - (c) Financial evaluation and price comparison;
 - (d) Post-qualification of the lowest evaluated responsive Tenders.
- 45. Preliminary Examination**
- 45.1 Compliance, adequacy and authenticity of the documentary evidences for meeting the qualification criterion specified in the corresponding section of the Tender document shall have to be preliminarily examined and verified.
- 45.2 The TEC shall firstly examine the Tenders to confirm that all documentation requested in ITT Clause 21 has been provided. Examination of the compliance, adequacy and authenticity of the documentary evidence may follow the order below:
- (a) verification of the completeness of the eligibility declaration in the Tender Submission Letter (Form PG4-1), to determine the eligibility of the tenderer as stated under ITT Sub-Clause 21(h). Any alterations to its format, filling in all blank spaces with the information requested, failing which the tender may lead to rejection of the Tender;
 - (b) verification of that the Tenderer is enrolled in the relevant professional or trade organisations as stated under ITT Clause 21(l);
 - (c) verification of the eligibility in terms of legal capacity and fulfilment of taxation obligation by the tenderer in accordance as stated under ITT Sub-Clause 21(i) and 21(k);
 - (d) verification of eligibility that the tenderer is not insolvent, in receivership, bankrupt, not in the process of bankruptcy, not temporarily barred as stated under ITT Sub-Clause 21(j);
 - (e) verification of eligibility of Tenderer's country of origin as stated under ITT Sub-Clause 21(b);
 - (f) verification of the written authorization confirming the signatory of the Tenderer to commit the Tender has been attached with Tender Submission Letter (Form PG4-1) as stated under ITT Sub-Clause 21(g); in order to check the authenticity of Tender and Tenderer itself ;
 - (g) verification of the Tender Security as stated under ITT Sub-Clause 21(d); and
 - (h) Verification of that the written notice for 'WITHDRAWAL' and 'SUBSTITUTION of' or 'MODIFICATION to, the corresponding Tender is proper and authentic, if the tender is

“WITHDRAWN”, “SUBSTITUTION” or “MODIFICATION”, as stated under ITT Sub-Clause 38.1

45.3 The TEC shall confirm that the above documents and information have been provided in the Tender and the completeness of the documents and compliance of instructions given in corresponding ITT Clauses shall be verified, failing which the tender shall be considered as non-responsive.

46. Technical Examinations & Responsiveness

46.1 Only those Tenders surviving preliminary examination need to be examined in this phase.

46.2 Secondly, the TEC will examine the adequacy and authenticity of the documentary evidence which may follow the order below:

- (a) verification of the completeness of the country of origin declaration in the Price Schedule for Goods and Related Services (Form PG4-3B, 3C and PG4-3D) as furnished in Section 5: Tender and Contract Forms to determine the eligibility of the Goods and Related Services as stated under ITT Sub Clause 21(m).
- (b) verification and examination of the documentary evidence and completed Specification Submission Sheet (Form PG4-4) as furnished in Section 5: Tender and Contract Forms to establish the conformity of the Goods and Related Services to the Tender Documents as stated under ITT Sub Clause 21(e) and 21(n).
- (c) verification and examination of the documentary evidence that the Tenderer's qualifications conform to the Tender Documents and the Tenderer meets each of the qualification criterion specified in Sub-Section C, Qualification Criteria as stated under ITT Sub Clause 21(o).
- (d) verification and examination of the documentary evidence that Tenderer has met all the requirements in regards to scope of Supply as stated under Section 6, Schedule of Requirements, without any material deviation or reservation.

46.3 TEC may consider a Tender as responsive in the evaluation, only if comply with the mandatory requirements as stated under Clause 46.2.

46.4 The TEC's determination of a Tender's responsiveness is to be based on the documentary evidence as requested in Clause 46.2 without recourse to extrinsic evidence.

46.5 Information contained in a Tender, that was not requested in the Tender Document shall not be considered in evaluation of the Tender.

46.6 If a Tender is not responsive to the mandatory requirements set out in the Tender Document it shall be rejected by the TEC and shall not subsequently be made responsive by the Tenderer by correction of the material deviation, reservation.

46.7 A material deviation or reservation is one-

- (a) which affects in any substantial way the scope, quality, or performance of the Goods and Related Services and Tenderer's qualifications mentioned in the Tender Document.
- (b) which limits in any substantial way, inconsistent with the Tender Documents, the Purchaser's rights or the Tenderer's obligations under the Contract; or

-
- (c) whose rectification would anyway affect unfairly the competitive position of other Tenderers presenting responsive Tenders.

46.8 During the evaluation of Tender, the following definitions apply:

- (a) "Deviation" is a departure from the requirements specified in the Tender Document;
- (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Tender Document;

46.9 A 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 requirements set out in the Tender Document;
- (b) errors or oversights, which if corrected, would not alter the key aspects of the Tender.

47. Clarification on Tender

47.1 The TEC may ask Tenderers for clarifications of their Tenders, including breakdowns of unit rates, in order to assist the examination and evaluation of the Tenders, provided that, Tender clarifications which may lead to a change in the substance of the Tender or in any of the key elements of the Tender as stated under ITT Sub-Clause 46.7, shall neither be sought nor permitted by the TEC.

47.2 Change in the tender price shall not be sought or permitted, except to confirm correction of arithmetical errors discovered by the Purchaser in the evaluation of the Tender, as stated under ITT Clause 49.

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

47.4 If a Tenderer does not provide clarifications of its Tender by the date and time set in the TEC's written request for clarification, its Tender shall not be considered in the evaluation.

47.5 Requests for clarification shall be in writing and shall be signed only by the Chairperson of the TEC.

48. Restrictions on the Disclosure of Information Relating to the Procurement Process

48.1 Following the opening of Tenders until issuance of Notification of Award no Tenderer shall, unless requested to provide clarification to its Tender or unless necessary for submission of a complaint, communicate with the concerned Purchaser pursuant to Rule 31 of the Public Procurement Rule, 2008.

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

48.3 Any effort by a Tenderer to influence a Purchaser 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.

48.4 All clarification requests shall remind Tenderers of the need for confidentiality and that any breach of confidentiality on the part of the

Tenderer may result in their Tender being disqualified.

48.5 Information relating to the examination, evaluation, comparison, and post qualification of the tender or contract award, shall not be disclosed to tenderers or any other persons not officially concerned with such process.

49. Correction of Arithmetical Errors

49.1 The TEC shall correct any arithmetic errors that are discovered during the examination of Tenders, and shall promptly notify the concerned Tenderer(s) of any such correction(s) pursuant to Rule 98(11) of the Public Procurement Rule,2008.

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

- (a) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total 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;
- (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.

49.3 Any Tenderer that does not accept the correction of the Tender amount following correction of arithmetic errors as determined by the application of ITT Sub-Clause 49.2 shall be considered as non-responsive.

50. Conversion to Single Currency

50.1 For evaluation and comparison purpose, TEC shall convert all Tender prices expressed in the amounts in various currencies into an amount in Bangladeshi Taka currency, using the **selling exchange rates** established by the Bangladesh Bank, on the date of **Tender opening**.

51. Domestic Preference

51.1 **Domestic preferences** shall be a factor in tender evaluation, unless otherwise specified in the **TDS**

51.2 If **domestic preference shall be a tender-evaluation factor**, the Purchaser will grant a margin of fifteen percent (15%) domestic preference to Goods manufactured in Bangladesh during the evaluation of its Tender while comparing the same with those of other Tenderers under the classification set out in ITT Sub-Clause 51.3. The evaluation will be carried out in accordance with the provisions set out in ITT Clause 54.

51.3 Tenders will be classified in one of two groups, as follows:

- (a) **Group A:** Tender offering goods manufactured in Bangladesh, for which:
 - (i) labour, raw materials, and components from within the Bangladesh account for more than thirty (30) percent of the EXW price; and
 - (ii) the production facility in which they will be manufactured or assembled has been engaged in manufacturing or assembling such goods at least since the date of tender submission.
- (b) **Group B:** Tenders offering Goods manufactured outside

Bangladesh that have been already imported or that will be imported.

51.4 To facilitate this classification by the Tenderer, the Tenderer shall complete whichever Form of the Price Schedule furnished in the Tender Document is appropriate.

51.5 Completion of an inappropriate Form of the Price Schedule by the Tenderer shall not result in rejection of its tender, but merely in the Purchaser's reclassification of the tenderer into its appropriate tender group.

52. Financial Evaluation

52.1 Thirdly the TEC, pursuant to Rule 98 of the Public Procurement Rules, 2008 shall evaluate each Tender that has been determined, up to this stage of the evaluation, to be responsive to the mandatory requirements in the Tender Document.

52.2 To evaluate a Tender in this stage, the Purchaser shall consider the following:

- (a) Verification and examination of the Price Schedule for Goods and Related Services (Form PG4-3A, 3B, 3C and PG4-3D) as furnished by the Tenderer and checking the compliance with the instructions provided under ITT Clause 23;
- (b) Evaluation will be done for Items or lot by lot as stated under ITT Clause 23 and the Total Tender Price as quoted in accordance with Clause 23;
- (c) Adjustment for correction of arithmetical errors as stated under ITT Sub-Clause 49.2;
- (d) Adjustment for price modification offered as stated under ITT Clause 38;
- (e) Adjustment due to discount as stated under ITT Sub-Clauses 23.8, 23.9 and 52.3;
- (f) Adjustment due to the application of economic factors of evaluation as stated under ITT Sub-Clause 52.5 if any;
- (g) Adjustment due to the assessment of the price of unpriced items as stated under ITT Clause 53 if any;
- (h) Adjustment due to the application of a margin of preference (domestic preference), in accordance with ITT Clause 54 if applicable

52.3 If Tenders are invited for a single lot or for a number of lots as stated under ITT Sub-clauses 23.3, TEC shall evaluate only lots that have included at least the percentage of items per lot as stated under ITT Sub-Clause 23.5 and 23.6. The TEC shall evaluate and compare the Tenders taking into account:

- (a) Lowest evaluated tender for each lot;
- (b) The price discount/reduction per lot;
- (c) Least cost combination for the Purchaser, considering discounts and the methodology for its application as stated under ITT Sub-clauses 23.8 and 23.9 offered by the Tenderer in its Tender.

52.4 Only those spare parts and tools which are specified as item in the List of

Goods and Related Services in Section 6, Schedule of Requirement or adjustment as stated under ITT Sub-clause 52.5, shall be taken into account in the Tender evaluation. Supplier-recommended spare parts for a specified operating requirements as stated under ITT Sub-clause 25.2(b) shall not be considered in Tender evaluation.

52.5 The Purchaser's evaluation of a tender may require the consideration of other factors, in addition to the Tender Price quoted as stated under ITT Clause 23. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of tenders. The factors, methodologies and criteria to be used shall be as specified in TDS. The applicable economic factors, for the purposes of evaluation of Tenders shall be:

- (a) Adjustment for Deviations in the Delivery and Completion Schedule
- (b) Cost of major replacement components, mandatory spare parts, and service

52.6 Variations, deviations, and alternatives and other factors which are in excess of the requirements of the Tender Document or otherwise result in unsolicited benefits for the Purchaser will not be taken into account in Tender evaluation.

53. Assessing the Price of Unpriced Items

53.1 If it is so permitted under ITT Clause 23, any Tenderer offered only eighty percent (80%) or minimum percent of the items of a lot as stated under ITT Sub-Clause 23.5, the TEC shall calculate the total lot value by adding up the average prices offered by other responsive Tenderers for the missing items to the lot value to establish the winning lot Tender. If the Tenderer offered less than the specified, the Tender shall be evaluated as stated under ITT Clause 23.

53.2 If the winning lot is missing some items as stated under ITT Sub Clause 53.1, comprising less than twenty percent (20%), the Purchaser may procure the missing items from the Tenderer offering the least cost for those remaining items.

54. Evaluation of Domestic Preference

54.1 If the Tender document so specifies, the Tenderer will grant a margin preference to goods manufactured in Bangladesh as stated in ITT Clause 51 for the purpose of Tender comparison, in accordance with the procedure outlined below:

54.2 The Purchaser will first review the tenders to confirm the appropriateness of, and to modify as necessary, the tenderer group classification to which Tenderers assigned their tenders in preparing their Tender Forms and Price Schedules.

54.3 All evaluated tenders in each group will then be compared to determine the lowest evaluated tender of each group. Such lowest evaluated tenders shall be compared with each other and if as a result of this comparison a tenderer from Group A and the Tenders offering Goods manufactured in Bangladesh is the lowest, it shall be selected for the award.

54.4 If, as a result of the preceding comparison, the lowest evaluated tender is from Group B,

- (a) all Group B tenders will then be further compared with the lowest evaluated tender from Group A, after adding to the evaluated tender price of goods offered in the tender for Group B, for the purpose of

further comparison only an amount equal to fifteen (15) percent of the CIF/CIP (named place of destination or named port of destination) tender price.

- (b) The lowest-evaluated tender determined from this last comparison shall be selected for the award.

55. Price Comparison

- 55.1 The TEC shall compare all responsive Tenders to determine the lowest-evaluated Tender, as stated under ITT Clause 54.
- 55.2 In the extremely unlikely event that there is a tie for the lowest evaluated price, the Tenderer with the superior past performance with the Purchaser shall be selected, whereby factors such as delivery period, quality of Goods delivered, complaints history and performance indicators could be taken into consideration.
- 55.3 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 Purchaser, then the the Tenderer shall be selected, subject to firm confirmation through the Post-qualification process described in ITT Clause 57, after consideration as to whether the quality of Goods that is considered more advantageous by the end-users.
- 55.4 The successful Tenderer as stated under ITT Sub Clauses 55.1,55.2 and 55.3 shall not be selected through lottery under any circumstances.

56. Negotiation

- 56.1 No negotiations shall be held during the Tender evaluation or award with the lowest or any other Tenderer pursuant to Rule 99 of the Public Procurement Rules, 2008.

57. Post-qualification

- 57.1 After determining the lowest-evaluated responsive tender as sated under ITT Sub-Clause 55.1, the Purchaser's TEC pursuant to Rule 100 of the Public Procurement Rules, 2008, shall carry out the Post-Qualification of the Tenderer, using only the requirements specified in Sub-Section C, Qualification Criteria.
- 57.2 The TEC shall contact the references given by Tenderers about their previous Supply experiences to verify, if necessary, statements made by them in their Tender and to obtain the most up-to-date information concerning the Tenderers.
- 57.3 The TEC may visit the premises of the Tenderer as a part of the post-qualification process, if practical and appropriate, to verify information contained in its Tender.
- 57.4 The TEC shall determine to its satisfaction whether the Tenderer that is selected as having submitted the lowest evaluated responsive Tender is qualified to perform the Contract satisfactorily.
- 57.5 The objective of any visit under ITT Sub-Clause 57.3 shall be limited to a general and visual inspection of the Tenderer's facilities and its plant and equipment, and there shall be no discussion concerning the Tender or its evaluation with the Tenderer during such visit(s).

57.6 In the event that the Tenderer with lowest evaluated cost fails the post-qualification, the TEC shall make a similar determination for the Tenderer offering the next lowest evaluated cost and so on from the remaining responsive Tenders, provided that,

- (a) such action shall only be taken if the evaluated costs of the Tenders under consideration are acceptable to the Purchaser;
- (b) when the point is reached whereby the evaluated costs of the remaining responsive Tenders are significantly higher than that of the official estimate, or the market price, the Purchaser may take action pursuant to Rule 33 and may proceed for re-Tendering, using a revised Tender Document designed to achieve a more successful result.

58. Rejection of All Tenders

58.1 The Purchaser may, in the circumstances as stated under ITT Sub-Clause 58.2 and pursuant to Rule 33 of the Public Procurement Rules 2008, reject all Tenders following recommendations from the Evaluation Committee only after the approval of such recommendations by the Head of the Purchaser.

58.2 All Tenders can be rejected, if -

- (a) the price of the lowest evaluated Tender exceeds the official estimate, provided the estimate is realistic; or
- (b) there is evidence of lack of effective competition; such as non-participation by a number of potential Tenderers; or
- (c) the Tenderers are unable to propose completion of the delivery within the stipulated time in its offer, though the stipulated time is reasonable and realistic; or
- (d) all Tenders are non-responsive; or
- (e) evidence of professional misconduct, affecting seriously the Procurement process, is established pursuant to Rule 127 of the Public Procurement Rules, 2008.

58.3 Notwithstanding anything contained in ITT Sub-Clause 58.2 Tenders may not be rejected if the lowest evaluated price is in conformity with the market price.

58.4 A Purchasermaypursuant to Rule 35 of the Public Procurement Rules, 2008, on justifiable grounds, annul the Procurement proceedings prior to the deadline for the submission of Tenders.

58.5 All Tenders received by the Purchaser shall be returned unopened to the Tenderers in the event Procurement proceedings are annulled under ITT Sub-Clause 58.4.

59. Informing Reasons for Rejection

59.1 Notice of the rejection, pursuant to Rule 35of the Public Procurement Rules, 2008, will be given promptly within seven (7) days of decision taken by the Purchaser to all Tenderers and, the Purchaser will, upon receipt of a written request, communicate to any Tenderer the reason(s) for its rejection but is not required to justify those reason(s).

G. Contract Award

60. Award Criteria

60.1 The Purchaser shall award the Contract to the Tenderer whose offer is responsive to 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 as stated under ITT Clause 57.

60.2 A Tenderer shall not be required, as a condition for award of contract, to undertake obligations not stipulated in the Tender Document, to change its price, or otherwise to modify its Tender.

**61. Purchaser's
Right to Vary
Quantities**

61.1 The Purchaser reserves the right at the time of Contract Award to increase or decrease the quantity, per item, of Goods and Related Services originally specified in Section 6: Schedule of Requirements, provided this does not exceed the percentages indicated in the TDS, and without any change in the unit prices or other terms and conditions of the Tender and the Tender Document.

**62. Notification of
Award**

62.1 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 Purchaser pursuant to Rule 102 of the Public Procurement Rules, 2008, shall issue the Notification of Award (NOA) to the successful Tenderer

62.2 The Notification of Award, attaching the contract as per the sample (Form PG4-7) to be signed, shall state:

- (a) the acceptance of the Tender by the Purchaser;
- (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.

62.3 The Notification of Award shall be accepted in writing by the successful Tenderer within seven (7) working days from the date of issuance of NOA.

62.4 Until a formal contract is signed, the Notification of Award shall constitute a Contract, which shall become binding upon the furnishing of a Performance Security and the signing of the Contract by both parties.

62.5 The Notification of Award establishes a Contract between the Purchaser and the successful Tenderer and the existence of a Contract is confirmed through the signature of the Contract Document that includes all agreements between the Purchaser and the successful Tenderer.

**63. Performance
Security**

63.1 The Performance Security shall be determined sufficient to protect the performance of the Contract pursuant to Rule 27 of the Public Procurement Rules, 2008.

63.2 Performance Security shall be furnished by the successful Tenderer in the amount specified in the TDS and **denominated in the currencies** in which the Contract Price is payable pursuant to Rule 102 (8) of the Public Procurement Rules, 2008.

63.3 The proceeds of the Performance Security shall be payable to the Purchaser unconditionally upon first written demand as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

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- 64. Form and Time Limit for furnishing of Performance security**
- 64.1 The Performance Security shall be in the form of irrevocable Bank Guarantee in the format (Form PG4-9) as stated under ITT Clause 63, **shall be issued by an internationally reputable bank and it shall have correspondent bank located in Bangladesh, to make it enforceable** pursuant to Rule 27(4) of the Public Procurement Rules, 2008..
- 64.2 Within twenty-eight (28) days from issue of the Notification of Award, the successful Tenderer shall furnish the Performance Security for the due performance of the Contract in the amount specified under ITT Sub Clause 63.2.
- 65. Validity of Performance Security**
- 65.1 The Performance Security shall be required to be valid until a date twenty-eight (28) days beyond the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations.
- 65.2 If under any circumstances date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations is to be extended, the Performance Security shall correspondingly be extended for the extended period.
- 66. Authenticity of performance Security**
- 66.1 The Purchaser shall verify the authenticity of the Performance Security submitted by the successful Tenderer by sending a written request to the branch of the bank issuing irrevocable Bank Guarantee in specified format.
- 66.2 If the Performance Security submitted under ITT Sub Clause 63.2 is not found to be authentic, the Purchaser shall proceed to take measures against the Tenderer in accordance with Section 64 of the Act and pursuant to Rule 127 of the Public Procurement Rules, 2008.
- 67. Contract Signing**
- 67.1 At the same time as the Purchaser issues the Notification of Award, the Purchaser shall send the draft Contract Agreement and all documents forming the Contract pursuant to Rule 102 of the Public Procurement Rule, 2008, to the successful Tenderer.
- 67.2 Within twenty-eight (28) days of the issuance of Notification of Award, the successful Tenderer and the Purchaser shall sign the contract provided that the Performance Security submitted by the Tenderer is found to be genuine.
- 67.3 If the successful Tenderer fails to provide the required Performance Security, as stated under ITT Clause 63 or to sign the Contract, as stated under ITT Sub-Clause 67.2, Purchaser shall proceed to award the Contract to the next lowest evaluated Tenderer, and so on, by order of ranking pursuant to Rule 102 of the Public Procurement Rules, 2008.
- 68. Publication of Notification of Award of Contract**
- 68.1 Notification of Awards for Contracts of Taka 10(ten) million and above shall be notified by the Purchaser to the Central Procurement Technical Unit within 7(seven) days of issuance of the NOA for publication in their website, and that notice shall be kept posted for not less than a month pursuant to Rule 37 of the Public Procurement Rules, 2008.
- 68.2 Notification of Award for Contracts below Taka 10(ten) million, shall

be published by the Purchaser on its Notice Board and where applicable on the website of the Purchaser and that notice shall be kept posted for not less than a month pursuant to Rule 37 of the Public Procurement Rules, 2008..

69. Debriefing Tenderers of 69.1 Debriefing of Tenderers by Purchaser 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 pursuant to Rule 37 of the Public Procurement Rule, 2008, without disclosing information about any other Tenderer.

69.2 In the case of debriefing confidentiality of the evaluation process shall be maintained.

70. Right to Complain to 70.1 Any Tenderer has the right to complain if it has suffered or likely to suffer loss or damage due to a failure of a duty imposed on the Purchaser to fulfil its obligations in accordance with Section 29 of the Public Procurement Act 2006 and pursuant to Part 12 of Chapter Three of the Public Procurement Rules, 2008.

70.2 Circumstances in which a formal complaint may be lodged in sequence by a potential Tenderer against a Purchaser pursuant to Rule 56 of the Public Procurement Rules, 2008, and the complaints, if any, be also processed pursuant to Rule 57 of the Public Procurement Rules 2008 .

70.3 The potential Tenderer shall submit his or her complaint in writing within seven (7) calendar days of becoming aware of the circumstances giving rise to the complaint.

70.4 In the first instance, the potential Tenderer shall submit his or her complaint to the Purchaser who issued the Tender Document.

70.5 The place and address for the first stage in the submission of complaints to the Administrative Authority is provided in the TDS.

70.6 The Tenderer may appeal to a Review Panel only if the Tenderer has exhausted all his or her options of complaints to the administrative authority as stated under ITT Sub-Clause 70.2.

Section 2. Tender Data Sheet

Instructions for completing the Tender Data Sheet are provided, as needed, in the notes in italics and under lined mentioned for the relevant ITT clauses.

ITT Clause	Amendments of, and Supplements to, Clauses in the Instruction to Tenderers
A. General	
ITT 1.1	<p>The Purchaser is : Rural Power Company Ltd. (RPCL)</p> <p>Representative: Executive Director (Engineering) Rural Power Company Ltd. House-19, Road-1/B, Sector-09, Uttara Model Town, Dhaka-1230, Bangladesh.</p> <p>Consignee: Superintending Engineer (Plant In-charge), 105MW HFO fired Power Plant, Kodda, Gazipur Bangladesh.</p>
ITT 1.2	<p>The name of the Tender is: Procurement of Spare Parts, 12k Schedule Maintenance & Unscheduled Maintenance works of Gazipur 105 MW HFO Fired Power Plant.</p> <p>The number, identification and name of lots comprising the Tender is: PUR-016/(FG/GPP105MW/OTM)/2021-22 Date: 10/03/2022</p>
ITT3.1	The source of fund is the RPCL's own fund.
ITT3.3	The name of the Development Partner : N/A
ITT5.1	Tenderers from the following countries are not eligible: Israel
ITT6.1	Goods and Related Services from the following counties are not eligible: Israel
B. Tender Document	
ITT8.2	<p>following are the offices of the Purchaser or authorised agents for the purpose of providing the Tender Document:</p> <p>Executive Director (Engineering) Rural Power Company Ltd. House-19, Road-1/B, Sector-09, Uttara Model Town, Dhaka-1230, Bangladesh.</p>

ITT 9.1	<p>For <u>clarification of Tender purposes</u> only, the Purchaser's address is: Attention: Md. Salim Bhuiyan Executive Director (Engineering) Address: Rural Power Company Ltd. House-19, Road-1/B, Sector-09, Uttara Model Town, Dhaka-1230, Bangladesh. Telephone:+88 02 48961201 Electronic mail address: edengg@rpcl.gov.bd</p>
ITT10.1	<p>The Pre- Tender meeting shall be held at Corporate Office of Rural Power Company Ltd., House-19, Road-1/B, Sector-09, Uttara Model Town, Dhaka-1230. Date & Time: 21-03-2022; 11:00 BST.</p>
C. Qualification Criteria	
ITT 13.1	<p>The maximum 03 numbers of arbitration against the Tenderer over a period of the last five (5) years.</p>
ITT 14.1(a)	<p>The Tenderer shall have a minimum of 5 (Five) years of overall experience in the supply of goods and related services.</p>
ITT 14.1(b)	<p>The tenderer shall have specific experience of completion of at least 01 (one) No. of Contract of Similar Nature with a contract value of at least USD 1.9 (One point nine) Million or Euro 1.7 (One point seven) Million or BDT 16.23 (Sixteen Point two three) Crore within last three years i.e years counting backward from the date of publication of IFT in the newspaper.</p> <p>Similar Nature means: Schedule or unscheduled or Breakdown repair/maintenance of Wartsila HFO run engine, having engine capacity 17 MW or higher with Engine manufacturer's supplied spare parts. 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 (Type, Make & 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>Tenderer must have own workshop facility or Authorization to use any standard workshop facility.</p>
ITT 14.1(c)	<p>The minimum supply and/or production capacity of Goods is/ are: None</p>

ITT 15.1(a)	The minimum amount of liquid asset or working capital or credit facility is USD 3.8 (Three point eight) Million or Euro 3.3 (Three point three) Million or BDT 33 (Thirty Three) Crore
ITT 16.2	The maximum of percentage of Goods allowed being sub contracted: Sub contract not allowed.
D. Preparation of Tender	
ITT21.1(q)	<p>The Tenderer shall submit with its Tender the following additional documents:</p> <p>The Tenderer shall submit with its Tender the following additional documents :</p> <ol style="list-style-type: none"> I. Sealed & signed Tender Document by a person duly authorized to sign on behalf of the Tenderer. II. Original dimensional drawing, Detail specification, necessary technical literatures and leaflets/ catalogue from manufacturer including storing guidelines of the offered equipment/ items. III. Name of the manufacturer and certificate of the country of origin of the offered equipment/ items. IV. If Tenderer does not manufacture or produce the Goods it offers to supply shall submit Authorization Letter (Form PG4-5) from the Manufacturer (Wartsila-for engine spare/GEA Westfalia Separator Group-for Separator spare) furnished in Section 5: (Tender and Contract Forms) to demonstrate that it has been duly authorized by the manufacturer or producer to supply the Goods under this tender. Scanning Paper, E-mail copy, Faxed copy will not be allowed. V. Certificate from the manufacturer confirming that his offered items are new, unused, in good condition and will fit properly without any modification. VI. Guarantee / warranty certificate from the Tenderer on genuineness of the equipment/ items and its satisfactory performance during the warranty period as per GCC 33.3. VII. In support of specific experience, tenderer shall have to submit supply completion certificate from the purchaser mentioning the contract value and nature of supply. The end user certificate must contain full postal address (together with email address and fax and telephone number), so that the certificate can be verified. VIII. Tenderer shall have to submit at least Two nos. end user certificate (as per attached format) of completing 06 nos. Major overhauling of 17 MW or higher capacity similar type (wartsila) diesel/HFO Engine in two different Power Plant within last 5 years stating that the tenderer has successfully completed major overhauling works (12000hrs, 24000,36000hrs & 48000hrs etc.) of the Engine within last 5 years. And the said plant has been in continuous commercial operation .The end user certificate must contain full postal address (together with email address and fax and telephone number), so that the certificate can be verified. IX. Authorization letter from any standard workshop facility to use the workshop if tenderer does not have any own workshop facility.

	<p>X. Declaration of litigation history of the Tenderer.</p> <p>XI. Last three years audited balance sheet/credit facility/ bank solvency certificate mentioning the current balance of the tenderer.</p> <p>The Tenderer 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 (PG4-11) of scheduled and unscheduled maintenance expert from the OEM of engine with detail experience of the key personnel, who will perform the work. The Resume /CV shall be authenticated by authorised person of OEM of engine.</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, 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 RPCL after completion of work (If any).</p>
ITT22.1	Alternatives Tender shall not be permitted.
ITT23.3	Tenders are being invited for single lot.
ITT 23.5	The Tenderer shall quote prices of 100 % items and quantity. Otherwise tender shall be rejected.
ITT 23.7	The following particular item represents more than fifty percent (50%) of the estimated lot value: None
ITT 23.11(c) ITT 23.12 (c) ITT 23.13 (e)	<ul style="list-style-type: none"> • Unit price of the Goods to be quoted on CIP (Carriage&Insurance Paid To: Incoterm 2020) basis. Port of Discharge: Chattogram seaport/ Dhaka Airport. • Final Destination: Gazipur 105 MW HFO Fired Power Plant, Kadda, Gazipur. • The Contractor will be responsible for clearing and forwarding of goods and the payment of all other charges including import related duties to be liable by the port as well as other Govt. agencies inside Bangladesh for the goods to be imported in accordance with the specifications and inland transportation (with insurance) upto plant site. <p>RPCL shall not pay the import related duties and taxes on any replacement or any additional items.</p>
ITT 23.12 (a)	Unit price of the Goods to be quoted on CIP (Carriage & Insurance Paid To: Incoterm 2020) basis. Port of Discharge: Chattogram seaport/ Dhaka Airport.
ITT 23.12 (d)	Unit price of the Goods to be quoted on CIP (Carriage & Insurance Paid To: Incoterm 2020) basis. Port of Discharge: Chattogram seaport/ Dhaka Airport.
ITT 24.3	Name of the foreign currency: USD or EUR and BDT.

ITT 25.2(b)	Spare parts are: Not Required Period of time the Goods are expected to be functioning (for the purpose of spare parts): Not Applicable
ITT26.1(b)	<ol style="list-style-type: none"> 1. For spare parts of Engine authorization is required from the OEM of Engine (Wartsila). 2. For HFO/LO Separator spares authorization is required from the OEM of Engine (Wartsila) or Alfa Laval 3. Authorization letter from any standard workshop facility to use the workshop if tenderer doesnot have any own workshop facility.
ITT 26.1(C)	After sales service is required
ITT 27.2	The Tender validity period shall be 120 days.
ITT 29.2	In favour of <i>Rural Power Company Limited</i> .
ITT29.3	The amount of the Tender Security shall be USD 93,000.00 (Ninety Three Thousand) or Euro 80,000.00 (<i>Eighty thousand</i>) or BDT 80,00,000.00 (Eighty lakh)
ITT 34.1	In addition to the original of the Tender, 01 (One) copy shall be submitted
E. Submission of Tender	
ITT 35.2(c)	<p>The inner and outer envelopes shall bear the following additional identification marks:</p> <p>Tender Enquiry No. & Date:</p> <p>Brief Description of the materials:</p> <p>Name & Address of the Purchaser:</p> <p>Name & Address of the Tenderer.</p>
ITT 35.7	Tenderer shall not have the option of submitting their tender electronically
ITT 35.8	If bidders shall have the option of submitting their bids electronically, the electronic bidding submission procedures shall be: Not Applicable .
ITT36.1	<p>For <u>Tender submission purposes</u> ,the Purchaser's address is:</p> <p>Executive Director (Engineering)</p> <p>Address:Rural Power Company Limited</p> <p>House No.-19, Road No.-1/B, Sector No.-09, Uttara ModelTown, Dhaka-1230. Bangladesh.</p> <p>Deadline for submission of Tenders is: 21.04.2022; 12:00 Noon (Local Time)</p>
F. Opening and Evaluation of Tenders	
ITT42.2	The Tender opening shall take place at Corporate Office of Rural Power Company Limited.

	<p>Address: House No.-19, Road No.-1/B, Sector No.-09, Uttara Model Town, Dhaka-1230. Bangladesh.</p> <p>Opening date & time: 21.04.2022; 12:30 BST.</p>
ITT 42.3	If electronic tender submission is permitted as sated under ITT sub-clause 34.8, the specific tender opening procedures shall be: Not Applicable.
ITT 51.1	Domestic preference shall not be a tender evaluation factor.
ITT 52.5	<p>The applicable economic factors, for the purposes of evaluation of Tenders shall be:</p> <p>(a) <u>Adjustment for Deviations in the Delivery and Completion Schedule</u></p> <p><i>“The Goods covered by this Tendering process are required to be delivered in accordance with, and completed within, the Delivery and Completion Schedule specified in Section 6, Schedule of Requirements. No credit will be given for earlier completion. Tender offering late contract performance schedules within acceptable period will be accepted but the tenders shall be Adjusted in the evaluation by adding to the Tender Price at the rate of Zero point One (0.10%) Percent of the Tender Price for each day of delay. Tender offering delivery schedules beyond Sixty (60) days of the date specified in Section 6, Schedule of Requirement, shall be rejected.”</i></p> <p>(b) <u>Cost of major replacement components, mandatory spare parts, and service</u></p> <p><i>not applicable</i></p>
G. Award of Contract	
ITT61.1	<p>The maximum percentage by which quantities per item may be increased is 20%</p> <p>The maximum percentage by which quantities per item may be decreased is 20%</p>
ITT63.2	<p>The amount of Performance Security shall be ten percent (10%) of the Contract Price.</p> <p><i>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.</i></p>
ITT70.5	<p>The name and address of the office where complaints to the Purchaser are to be submitted is:</p> <p>Attention: Managing Director Rural Power Company Limited</p> <p>Address: House No.-19, Road No.-1/B, Sector No.- 09, Uttara Model Town, Dhaka- 1230. Bangladesh.</p>

Section 3. General Conditions of Contract

1. Definitions

1.1 The following words and expressions shall have the meaning hereby assigned to them. Boldface type is used to identify the defined term:

- (a) **Completion Schedule** means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract;
- (b) **Contract Agreement** means the Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein;
- (c) **Contract Documents** means the documents listed in the Contract Agreement, including any amendments thereto;
- (d) **Contract Price** means the price stated in the Notification of Award and thereafter as adjusted in accordance with the provisions of the Contract;
- (e) **Day** means calendar days unless otherwise specified as working days;
- (f) **Delivery** means the transfer of ownership of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in the Contract;
- (g) **GCC** mean the General Conditions of Contract;
- (h) **Goods** means raw materials, products and equipment and objects in solid, liquid or gaseous form, electricity, and related Services if the value of such Services does not exceed that of the Goods themselves;
- (i) **Government** means the Government of the People's Republic of Bangladesh;
- (j) **Procuring Entity/Purchaser** means a Entity having administrative and financial powers to undertake Procurement of Goods, Works or Services using public funds, as specified in the PCC;
- (k) **Related Services** means Services linked to the supply of Goods contracts.;
- (l) **PCC** means the Particular Conditions of Contract;
- (m) **Subcontractor** means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier;
- (n) **Supplier** means a Person under contract with a Purchaser for the supply of Goods and related Services under the Act;
- (o) **Site** means the point(s) of delivery named in the PCC
- (p) **Writing** means communication written by hand or machine duly signed and includes properly authenticated messages by facsimile or electronic mail.

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- (q) **Verified Report** means the report submitted by the Purchaser to the Head of the Purchaser setting forth its findings as to the existence of grounds or causes for termination and explicitly stating its recommendation for the issuance of a Notice to Terminate.
2. **Contract Documents** 2.1 Subject to the order of precedence set forth in the GCC Sub-Clause 5.1, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
3. **Corrupt, Fraudulent, Collusive Coercive Practices** or 3.1 The Government requires that Purchaser, as well as Suppliers, shall observe the highest standard of ethics during the implementation of procurement proceedings and the execution of contracts under public funds.
- 3.2 The Government requires that Procuring Entities, as well as Suppliers shall, during the execution of Contracts under public funds, ensure-
- (a) strict compliance with the provisions of Section 64 of the Public Procurement Act 2006 (Act 24 of 2006);
- (b) abiding by the code of ethics as mentioned in the Rule 127 of the Public Procurement Rules, 2008;
- (c) that neither it nor any other member of its staff or any other agents or intermediaries working on its behalf engages in any practice as detailed in GCC Sub-Clause 3.3
- 3.3 For the purpose of GCC Sub-clause 3.2 the terms –
- (a) **corrupt practice** means offering, giving or promising to give, receiving, or soliciting, either directly or indirectly, to any officer or employee of a Purchaser 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 Purchaser 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 Purchaser, that is designed to arbitrarily reduce the number of Tenders submitted or fix Tender prices at artificial, noncompetitive levels, thereby denying a Purchaser 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 a Procurement proceeding or the execution of a Contract, and this will include creating obstructions in the normal submission process used for Tenders.

3.4 Should any corrupt, fraudulent, collusive or coercive practice of any kind come to the knowledge of the Purchaser, it will, in the first place, allow the Supplier 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 Supplier concerned. Any communications between the Supplier and the Purchaser related to matters of alleged fraud or corruption shall be in writing.

3.5 If corrupt, fraudulent, collusive or coercive practices of any kind determined by the Purchaser against the Supplier alleged to have carried out such practices, the Purchaser shall proceed under GCC Clause 42.4

3.6 The Supplier shall permit the Purchaser to inspect the Supplier's accounts and records and other documents relating to the submission of the Tender and Contract performance.

4. Interpretation

4.1 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 construction thereof or of the Contract. Words have their normal meaning under the English language unless specifically defined.

4.2 Entire Agreement

(a) The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract Agreement; except those stated under GCC Sub Clause 5.1(i) .

4.3 Amendment

(a) No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorised representative of each party thereto.

4.4 Non-waiver

(a) Subject to GCC Sub-Clause 4.4(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 authorised representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

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- 4.5 **Severability**
- (a) 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.
5. **Documents Forming the Contract in order of precedence**
- 5.1 The following documents forming the Contract shall be in the following order of precedence, namely :
- (a) the signed Contract Agreement;
- (b) the Notification of Award;
- (c) The Tender and the appendices to the Tender;
- (d) Particular Conditions of Contract;
- (e) General Conditions of Contract;
- (f) Technical Specifications;
- (g) Drawings;
- (h) Priced Schedule and schedule of requirements and ;
- (i) Other Documents including correspondences listed in the PCC forming part of the Contract.
6. **Eligibility**
- 6.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 6.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries.
- 6.3 For the purpose of the GCC Clause 6.2, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
7. **Governing Language**
- 7.1 The Contract shall be written in English language. Correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser shall be written in English. 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 language, in which case, for purposes of interpretation of the Contract, this translation shall govern.
- 7.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.
8. **Governing Law**
- 8.1 The Contract shall be governed by and interpreted in accordance with the laws of the People's Republic of Bangladesh.
9. **No fees/Gratuities**
- 9.1 No fees, gratuities, rebates, gifts, commissions or other payments, other than those shown in the Tender or the contract, shall be given or received in connection with the procurement process or in the contract execution.

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- 10. Use of Contract Documents & Information**
- 10.1 The Supplier shall not, except for purposes of performing the obligations in this Contract, without the Purchaser's prior written consent, disclose this Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Purchaser. Any such disclosure shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 10.2 Any document, other than this Contract itself, enumerated in GCC Clause 10.1 shall remain the property of the Purchaser and shall be returned (all copies) to the Purchaser on completion of the Supplier's performance under this Contract if so required by the Purchaser.
- 11. Communications & Notices**
- 11.1 Communications between Parties (notice, request or consent required or permitted to be given or made by one party to the other) pursuant to the Contract shall be in writing to the addresses specified in the PCC.
- 11.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.
- 11.3 A Party may change its address for notice hereunder by giving the other Party notice of such change to the address.
- 12. Trademark, Patent and Intellectual Property Rights**
- 12.1 The Purchaser should not be liable for any infringement of intellectual property rights arising from use of the goods procured. In case there are third-party claims of such infringement of patent, trademark, or industrial design rights, the supplier must indemnify and hold the Purchaser free and harmless against such claims and shall not be in contravention of **The Trademark Act, 2009 and The Patents and Designs Act, 1911.**
- 13. Copyright**
- 13.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
- 14. Assignment**
- 14.1 The Supplier shall not assign his rights or obligations under the Contract, in whole or in part, except with the Purchaser's prior written consent.
- 15. Subcontracting**
- 15.1 Any subcontracting arrangements made during contract implementation and not disclosed at the time of the Tendering shall not be allowed.
- 15.2 Subcontracting of any portion of the Goods shall not relieve the Tenderer from any liability or obligations that may arise from its performance.
- 15.3 Supplier shall retain full responsibility for the contract and can not pass any contractual obligations to the subcontractor and under no circumstances assignment of the contract to the subcontractor be allowed.
- 15.4 Subcontractors shall comply with the provisions of GCC Clause 3 and 6.

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- 16. Supplier's Responsibilities** 16.1 The Supplier shall supply all the Goods and Related Services specified in the Scope of Supply as stated under GCC Clause 18 and the Delivery and Completion schedule, as stated under GCC Clauses 23 and 24 in conformity with the provisions of the Contract Agreement.
- 17. Purchaser's Responsibilities** 17.1 Whenever the performance of the obligations in this Contract requires that the Supplier obtain permits, approvals and other licenses from local public authorities, the Purchaser may, if so needed by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner. However, the supplier shall bear the costs of such permits and/or licenses. On the other hand, the Purchaser shall pay all costs involved in the performance of its responsibilities, in accordance with the contract.
- 17.2 The Purchaser shall pay the Supplier, in consideration of the provision of Goods and Related Services, the Contract Price under the provisions of the Contract at the times and manner prescribed in the Contract Agreement.
- 18. Scope of Supply** 18.1 Subject to the PCC, the Goods and Related Services to be supplied shall be as specified in Section 6: Schedule of Requirements.
- 18.2 Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Goods and Related Services as if such items were expressly mentioned in the Contract.
- 19. Amendment to Order** 19.1 The Purchaser may make an amendment to Order for necessary adjustment within the general scope of the contract in any one or more of the following aspects in order to fully meet the requirement of the Contract:
- (a) Drawing, design or specifications of the goods, provided that:
 - i. The goods to be furnished are to be specifically manufactured for the government in accordance therewith;
 - ii. The change is an improvement of the goods and advantageous to the Government;
 - iii. It is done at no extra cost; and
 - iv. It is not prejudicial to the losing Tenderers in the sense that such change/s could not have been foreseen during the conduct of the tendering and would have significantly affected the other tenderer's tender;
 - (b) The place of delivery;
 - (c) The place of performance of the services;
 - (d) Additional items needed and necessary for the protection of the goods procured, which were not included in the original contract.
- 19.2 Such amendment may or may not result to an increase or a decrease of the contract price, and/or an extension or reduction of the delivery period. However, the amendment should not have the result of changing the subject matter of the contract or the specifications of the goods or services, in any material aspect and to such an extent that, if introduced during the Tendering stage, may have had a significant effect on other Tenderer's tender, because this situation would actually require another tendering activity.

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- 20. Instances When Amendment to Order May be Issued**
- 20.1 The Purchaser may issue amendments order at any time during contract implementation, through a notice as stated under GCC Clause 11, provided that such adjustment is required to fully meet the requirements of the contract. Any of the following circumstances may serve as basis for such amendment/s:
- (a) Emergency cases, fortuitous events or unforeseen contingencies arising during contract implementation, and such contingencies have an impact on the procurement at hand, such as:
 - i. Changes in the conditions affecting the contract, e.g., a change in the place of delivery;
 - ii. Time is of the essence in the implementation of the contract, and any changes require immediate implementation; and
 - iii. Additional requirements have been identified as necessary for the protection of the goods procured, such as changes in the packaging of the goods, or additional items have become necessary to ensure that the goods are sufficiently protected from the elements;
 - (b) When the contract does not reflect the real intention of the parties due to mistake or accident, and the amendment is necessary to reflect the party's intention; and
 - (c) Other analogous circumstances that could affect the conditions of the procurement at hand
- 21. Adjustments in Contract Price and/or Delivery Schedule in Amendment to Order**
- 21.1 If an amendment to order increases or decreases the cost of ,or the time required for executing any part of the delivery under the original contract, an equitable adjustment in contract price and/or delivery schedule should be mutually agreed upon between parties concerned, and the contract should be modified as stated under GCC Clause 46
- 21.2 If the amendment to order consists of additional items, the price adjustment shall be based on the unit price in the original contract for items of goods similar to those in the original contract. If the contract does not contain any rate applicable to the additional items, then suitable prices shall be mutually agreed upon between the parties, based on prevailing market prices.
- 21.3 It is required, however, that any increase in contract price must not exceed ten percent (10%) of the original contract price.
- 22. Packing and Documents**
- 22.1 The Supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract and in accordance with existing industry standards. The packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract as stated under GCC Clause

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- 22.1, including additional requirements, if any, specified in the PCC, and in any subsequent instructions ordered by the Purchaser.
- 22.3 The outer packaging must contain a "Packing List" which must reflect the actual contents of the package.
- 23. Delivery and Documents**
- 23.1 Subject to GCC Sub-Clause 19, the Delivery of the Goods and completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Section 6: Schedule of Requirements.
- 23.2 The details of shipping and other documents to be furnished by the Supplier shall be specified in the PCC, and shall be received by the Purchaser at least one week before arrival of the Goods and, if not received the Supplier shall be responsible for consequent expenses.
- 24. Acceptance**
- 24.1 Acceptance by the Purchaser shall be completed not later than fourteen (14) days from receipt of the goods at final destination in the form of an **Acceptance Certificate**, unless any defects in the supply, any damage during transportation or any failure to meet the required performance criteria of the supply are identified and reported to the Supplier as stated under GCC Clause 31 and GCC Clause 32. In such cases the Acceptance Certificate will be issued only for those parts of the contract supplies which are accepted. The Acceptance Certificate for the remaining supplies will only be issued after the Supplier has remedied the defects and/or any non-conformity under GCC Clause 31 and GCC Clause 32.
- 24.2 The appropriate Technical Inspection and Acceptance Committee of the Purchaser must commence the inspection and acceptance process within two (2) days from delivery of the goods, and shall complete the same as soon as practicable.
- 25. Contract Price**
- 25.1 The Contract Price shall be specified in the PCC.
- 25.2 During evaluation, tender has excluded and not taken into account:
- (a) In the case of Goods manufactured in Bangladesh, VAT payable on account of Supplier, which will be payable on the goods if a contract is awarded to the Tenderer;
- (b) in the case of Goods manufactured outside the Bangladesh, already imported or to be imported, customs duties, import VAT and other import taxes levied on the imported Good, VAT, which will be payable on the Goods if the contract is awarded to the Tenderer.
- 25.3 The Contract price will include all the costs paid or payable as stated under GCC Clause 25.2.
- 25.4 Prices charged by the Supplier for the Goods delivered and the Related Services performed under the Contract shall not vary from the price as stated under GCC Sub-Clause 25.1, with the exception of any change in price resulting from a Change Order issued under GCC Clause 19.

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- 26. Transportation**
- 26.1 The Supplier is required under the Contract to transport the Goods to a specified place of destination as specified in Section 6: Schedule of Requirements, defined as the Site, transport to such place of destination, including insurance, other incidental costs, and temporary storage, if any. These costs shall be included in the Contract Price.
- 26.2 If not in accordance GCC Clause 26.1, responsibility for transportation of the Goods shall be as specified in the **INCOTERM** indicated in the Price Schedule or any other trade terms specify the responsibilities of the Purchaser and Supplier as specified in PCC.
- 27. Terms Payment** of
- 27.1 The Contract Price, including any Advance Payments, if applicable, shall be paid in the manner as specified in the PCC.
- 27.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Related Services performed, and accompanied by the documents as stated under GCC Clause 23 and 24 and upon fulfilment of any other obligations stipulated in the Contract.
- 27.3 Payments shall be made promptly by the Purchaser, but in no case later than the days indicated in the PCC after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.
- 27.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the tender price is expressed.
- 27.5 In the event that the Purchaser fails to pay the Supplier any payment by its respective due date or within the period set forth in the PCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the PCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.
- 28. Insurance**
- 28.1 The Goods supplied under this Contract shall be fully insured by the Supplier in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery. The Goods remain at the risk and title of the Supplier until their final acceptance by the Purchaser.
- 28.2 If not in accordance GCC Clause 28.1, the insurance coverage shall be as specified in the **INCOTERM** indicated in the Price Schedule or any other insurance provisions as specified in PCC.
- 29. Taxes Duties** and
- 29.1 For Goods Manufactured within Bangladesh, the Supplier shall be entirely responsible for all taxes, duties, VAT, license fees, and other such levies imposed or incurred until delivery of the contracted goods to the Purchaser.
- 29.2 For Goods manufactured outside Bangladesh, the Supplier shall be entirely responsible for all taxes, duties and other such levies imposed outside Bangladesh.
- 29.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Bangladesh, the Purchaser shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

30. Performance Security

- 30.1 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 30.2 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than Thirty (30) days following the date of Completion of the Supplier's performance obligations under the Contract and the issuance of certification to that effect by the Purchaser, including any warranty obligations as stated under GCC Clause 33, provided that there are no claims filed against the supplier.

31. Specifications and Standards

- 31.1 The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section 7, Technical Specification and in Section 8, Drawings, if any.
- 31.2 If there is no applicable standard, the goods must conform to the authoritative standards appropriate to the good's country of origin. Such standards must be the latest issued by the concerned institution.
- 31.3 Subject to the GCC Clause 19, the Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- 31.4 Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Technical Specification. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated under GCC Clause 19.

32. Inspections and Tests

- 32.1 The Purchaser shall have the right to test the Goods to confirm their conformity to the Contract specifications. The PCC and Technical specifications shall specify what tests the Purchaser requires and where they are to be conducted. The supplier shall at its own expense and at no cost to the Purchaser, carry out all such tests of the Goods and related services as are specified in the Contract.
- 32.2 The Supplier shall provide the Purchaser with a report of the results of any such test.
- 32.3 The Purchaser may engage external agents for the purpose of conducting inspection or pre-shipment inspection of Goods, provided that the Purchaser shall bear all of its costs and expenses.
- 32.4 The Purchaser or its designated representative as specified shall be entitled to attend the tests and/or inspections under GCC Clause 32.1, provided that the Purchaser shall bear all of its own costs and expenses incurred in connection with such attendance.
- 32.5 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

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- 32.6 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract, but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.
- 32.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice under GCC Sub-Clause 32.5.
- 32.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report as stated under GCC Sub-Clause 32.2, shall relieve the Supplier from any warranties or other obligations under the Contract.

33. Warranty

- 33.1 The Supplier warrants that all the Goods supplied under the Contract are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, except when the design and/or material required by the Purchaser provides otherwise under GCC Clause 19.
- 33.2 The Supplier further warrants that the all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in Bangladesh.
- 33.3 In order to assure that manufacturing defects shall be corrected by the Supplier, manufacturer, or distributor, as the case may be, a warranty shall be required from the Supplier for a minimum period of three (3) months in the case of supplies, and one (1) year in the case of equipment, or other such period as may be specified in the PCC, after the Goods, or any portion thereof as the case may be, have been delivered to and accepted in the form of an **Acceptance Certificate** as indicated in the GCC Clause 24.1 at the final destination indicated in the PCC
- 33.4 The warranty periods may vary among the various items and lots. The warranty for Goods delivered ahead will lapse earlier than the succeeding deliveries.
- 33.5 The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.
- 33.6 Upon receipt of such notice, the Supplier shall, within the period specified in the PCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.

- 33.7 If the Supplier, having been notified, fails to remedy the defect(s) within the period as stated under GCC Sub Clause 33.6, the Purchaser may proceed to call upon the Performance security without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract and under the applicable law.
- 33.8 Performance Security under GCC Clause no 30 shall only be released after the lapse of the warranty period, provided that the goods supplied are free from patent and latent defects and all the conditions imposed under the contract have been fully met.
- (a) A patent defect, which is one that is apparent to the buyer on normal observation. It is an apparent or obvious defect.
 - i. For example, a ball pen that does not write is a patent defect.
 - (b) A latent defect, which is one that is not apparent to the buyer by reasonable observation. A latent defect is "hidden" or one that is not immediately determinable.
 - i. For example, a ball pen that writes .75 kilometers instead of the expected 1.5 kilometers, has a latent defect.

34. Delays in Delivery and Extensions of Time

- 34.1 The Supplier must deliver the Goods or perform the services procured within the period prescribed by the Purchaser, as specified in the Contract.
- 34.2 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services as stated under GCC Clause 23, the Supplier shall promptly notify the Purchaser in writing. It must state therein the cause/s and duration of the expected delay. The Purchaser shall decide whether and by how much to extend the time. In all cases, the request for extension should be submitted before the lapse of the original delivery date.
- 34.3 Within twenty-one (21) days of receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may grant time extensions, if based on justifiable grounds, without liquidated damages.
- 34.4 The Procuring may extend up to twenty percent (20%) of the original contract time, above 20% of the original contract time approval of Head of Purchaser (HOPE) shall be required, in which case the extension shall be ratified by the Parties by amendment of the Contract as stated under GCC Clause 46.
- 34.5 Except in the case of Force Majeure, as provided under GCC Clause 38, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages as stated under GCC Clause 35, unless an extension of time is agreed upon, under GCC Sub-Clause 34.3.

35. Liquidated Damages

- 35.1 Subject to GCC Clause 34 and 38, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery and/or perform the Related Services within the period specified in the Contract as stated under GCC Clause 23, the Purchaser shall, without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the PCC of the Contract price of the delayed Goods or unperformed / Related Services for each week or part thereof of delay until actual

delivery or performance, up to a maximum deduction of the percentage specified in those PCC. Once the maximum is reached, the Purchaser may terminate the Contract as stated under GCC Clause 42.

- 36. Limitation of Liability** 36.1 Except in cases of criminal negligence or wilful misconduct, and in the case of infringement of patent and intellectual property rights, if applicable, the Supplier shall not be liable to the Purchaser, 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, the aggregate liability of the Supplier to the Purchaser shall not exceed the total Contract Price, provided that this limitation shall not apply, to the cost of repairing or replacing defective equipment or, to any obligation of the Supplier to pay liquidated damages to the Purchaser.
- 37. Change in Laws and Regulations** 37.1 Unless otherwise specified in the Contract, if after the Contract, 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 Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract.
- 38. Definition of Force Majeure** 38.1 In this Clause, "Force Majeure" means an exceptional event or circumstance:
- (a) which is beyond a Party's control;
 - (b) which such Party could not reasonably have provided against before entering into the Contract;
 - (c) which, having arisen, such Party could not reasonably have avoided or overcome; and
 - (d) which is not substantially attributable to the other Party.
- 38.2 Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind listed below, so long as conditions (a) to (d) above are satisfied:
- (i) war, hostilities (whether war be declared or not), invasion, act of foreign enemies;
 - (ii) rebellion, terrorism, sabotage by persons other than the Contractor's Personnel, revolution, insurrection, military or usurped power, or civil war;
 - (iii) riot, commotion, disorder, strike or lockout by persons other than the Contractor's Personnel;
 - (iv) munitions of war, explosive materials, ionising radiation or contamination by radio-activity, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity, and
 - (v) natural catastrophes such as cyclone, hurricane, typhoon, tsunami, storm surge, floods, earthquake, landslides, fires, epidemics, quarantine restrictions, or volcanic activity;
 - (vi) freight embargoes;
 - (vii) acts of the Government in its sovereign capacity.

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- 39. Notice of Force Majeure**
- 39.1 If a Party is or will be prevented from performing its substantial obligations under the Contract by Force Majeure, then it shall give notice to the other Party of the event or circumstances constituting the Force Majeure and shall specify the obligations, the performance of which is or will be prevented. The notice shall be given within 14 days after the Party became aware, or should have become aware, of the relevant event or circumstance constituting Force Majeure.
- 39.2 The Party shall, having given notice, be excused performance of its obligations for so long as such Force Majeure prevents it from performing them.
- 39.3 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.
- 40. Duty to Minimise Delay**
- 40.1 Each Party shall at all times use all reasonable endeavours to minimise any delay in the performance of the Contract as a result of Force Majeure.
- 40.2 A Party shall give notice to the other Party when it ceases to be affected by the Force Majeure.
- 41. Consequences of Force Majeure**
- 41.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 41.2 The Purchaser may suspend the delivery or contract implementation, wholly or partly, by written order for a certain period of time, as it deems necessary due to force majeure as defined in the contract.
- 41.3 Delivery made either upon the lifting or the expiration of the suspension order. However, if the Purchaser terminates the contract as stated under GCC clause 42, resumption of delivery cannot be done.
- 41.4 Head of Purchaser determines the existence of a force majeure that will be basis of the issuance of suspension of order.
- 41.5 Adjustments in the delivery or contract schedule and/or contract price, including any need to modify contract under GCC Clause 46.
- 42. Termination for Default**
- 42.1 The Purchaser shall terminate this Contract for default when any of the following conditions attends its implementation:
- (a) Outside of force majeure, the Supplier fails to deliver or perform any or all of the GOODS within the period(s) specified in the contract, or within any extension thereof granted by the Purchaser pursuant to a request made by the Supplier prior to the delay;
- (b) As a result of force majeure, the Supplier is unable to deliver or perform any or all of the GOODS, amounting to at least ten percent (10%) of the contract price, for a period of not less than

sixty (60) calendar days after receipt of the notice from the Purchaser stating that the circumstance of force majeure is deemed to have ceased; or

- (c) The Supplier fails to perform any other obligation under the Contract;
- (d) If the Supplier, in the judgment of the Purchaser has engaged in corrupt, fraudulent, collusive or coercive practices, as stated under GCC Clause 3, in competing for or in executing the Contract;
- (e) When deductible amount due to liquidated damage reaches its maximum as stated under GCC Clause 35.

42.2 Termination of a contract for default is without prejudice to other remedies available to the Purchaser for breach of contract, such as payment of liquidated and other damages, if there are grounds for the latter.

42.3 In the event the Purchaser terminates the Contract in whole or in part, as stated under GCC Clause 42.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

42.4 In the event as stated under GCC Clause 42.1(d), the Purchaser shall,

- (a) terminate the Supplier's employment under the Contract and cancel the contract, after giving 14 days notice to the Supplier and the provisions of Clause 42 shall apply as if such expulsion had been made under Sub-Clause 42.1
- (b) declare, at its discretion, the concerned Person to be ineligible to participate in further Procurement proceedings, either indefinitely or for a specific period of time.

43. Termination for insolvency

43.1 The Purchaser shall terminate this Contract if the Supplier is declared bankrupt or insolvent as determined with finality by a court of competent jurisdiction. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Purchaser and/or the Supplier.

44. Termination for Convenience

44.1 The Purchaser, by written notice sent to the supplier, may terminate this Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that the termination is for the Purchaser's convenience, the extent to which performance of the supplier under the contract is terminated, and the date upon which such termination becomes effective.

44.2 Any of the following circumstances may constitute sufficient grounds to terminate a contract for conveniences :

- (a) If Physical and economic conditions have significantly changed so as to render the contract no longer economically, financially or technically feasible, as determined by the Head of Purchaser;
- (b) The Head of Purchaser has determined the existences of conditions that make contract implementation impractical and/or unnecessary, such as, but not limited to , fortuitous event/s, change in laws and government policies;
- (c) Funding for the contract has been withheld or reduced;
- (d) Any circumstances analogous to the foregoing.

44.3 The GOODS that have been delivered and/or performed or are ready for delivery or performance within thirty (30) calendar days after the Supplier's receipt of Notice to Terminate shall be accepted by the Purchaser at the contract terms and prices. For GOODS not yet performed and/or ready for delivery, the Purchaser may elect:

- (a) to have any portion delivered and/or performed and paid at the contract terms and prices; and/or
- (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed and/or performed goods and for materials and parts previously procured by the Supplier.

45. Procedures for Termination of Contracts

45.1 The following provisions shall govern the procedures for termination of this Contract as stated under GCC Clauses 42,43 and 44:

- (a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the Purchaser shall, within a period of seven (7) calendar days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;
- (b) Upon recommendation by the Purchaser, the Head of the Purchaser shall terminate this Contract only by a written notice to the Supplier conveying the termination of this Contract. The notice shall state:
 - i. that this Contract is being terminated for any of the ground(s) afore-mentioned, and a statement of the acts that constitute the ground(s) constituting the same;
 - ii. the extent of termination, whether in whole or in part;
 - iii. an instruction to the Supplier to show cause as to why this Contract should not be terminated; and
 - iv. special instructions of the Purchaser, if any.
- (c) The Notice to Terminate shall be accompanied by a copy of the Verified Report;
- (d) Within a period of seven (7) calendar days from receipt of the Notice of Termination, the Supplier shall submit to the Head of

the Purchaser a verified position paper stating why this Contract should not be terminated. If the Supplier fails to show cause after the lapse of the seven (7) day period, either by inaction or by default, the Head of the Purchaser shall issue an order terminating this Contract;

- (e) The Purchaser may, at anytime before receipt of the Supplier's verified position paper, withdraw the Notice to Terminate if it is determined that certain items or works subject of the notice had been completed, delivered, or performed before the Supplier's receipt of the notice;
- (f) Within a non-extendible period of ten (10) calendar days from receipt of the verified position paper, the Head of the Purchaser shall decide whether or not to terminate this Contract. It shall serve a written notice to the Supplier of its decision and, unless otherwise provided, this Contract is deemed terminated from receipt of the Supplier of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate; and
- (g) The Head of the Purchaser may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the Head of the Purchaser.

46. Contract Amendment

- 46.1 Subject to applicable laws, no variation in or modification of the terms of this Contract shall be made except by written amendment signed by the parties.
- 46.2 The Purchaser, in accordance with their Delegation of Financial Powers, as required, may amend the Contract to reflect the changes introduced to the Original terms and Conditions of the Contract.

47. Settlement Disputes

of 47.1 Amicable Settlement:

- (a) The Purchaser and the Supplier shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.

47.2 Adjudication

- (a) If the Supplier /Purchaser believe that amicable settlement of dispute is not possible between the two parties, the dispute shall be referred to the Adjudicator within fourteen (14) days of first written correspondence on the matter of disagreement;
- (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 supplier shall make all payments (fees and reimbursable

expenses) to the Adjudicator, and the Purchaser shall reimburse half of these fees through the regular progress payments;

- (e) Should the Adjudicator resign or die, or should the Purchaser and the Supplier agree that the Adjudicator is not functioning in accordance with the provisions of the Contract; a new Adjudicator will be jointly appointed by the Purchaser and the Supplier. In case of disagreement between the Purchaser and the Supplier the Adjudicator shall be designated by the Appointing Authority designated in the PCC at the request of either party, within fourteen (14) days of receipt of a request from either party.

47.3 **Arbitration**

- (a) If the Parties are unable to reach a settlement under GCC Clause 47.1(a) 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 47.3(b);
- (b) The arbitration shall be conducted in accordance with the rules of procedure specified in the PCC.

Not For Submission

Section 4. Particular Conditions of Contract

Instructions for completing the Particular Conditions of Contract are provided, as needed, in the notes in italics mentioned for the relevant GCC clauses.

GCC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
GCC 1.1(j)	<p>The Purchaser is : Rural Power Company Ltd. Representative:</p> <p>Executive Director (Engineering) Rural Power Company Ltd. House-19, Road-1/B, Sector-09, Uttara Model Town, Dhaka-1230, Bangladesh</p> <p>Consignee: Superintending Engineer (Plant In-charge), 105 MW HFO Fired Power Plant, Kodda, Gazipur Bangladesh.</p>
GCC 1.1(o)	<p>The point of delivery is: The point of delivery is Gazipur 105 MW HFO Fired Power Plant, Kodda, Gazipur.</p>
GCC 5.1(i)	<p>The following documents shall also be part of the Contract:</p> <p>Please refer to the GCC Clause- 5.1 also following documents shall be part of the Contract:</p> <ol style="list-style-type: none"> I. All clarifications and replies regarding technical specifications, drawings and arithmetic corrections etc submitted by the Tenderer. II. Performance Security. III. All other correspondences regarding this Tender. IV. Sealed and signed Tender document.
GCC 11.1	<p>For notices, the Purchaser's contact details shall be:</p> <p>Attention: Executive Director (Engineering)</p> <p>Address: Rural Power Company Ltd. House-19, Road-1/B, Sector-09, Uttara Model Town, Dhaka-1230, Bangladesh.</p> <p>Telephone: +88 02 48961201</p> <p>Facsimile number: +88 02 48963229</p> <p>Electronic mail address: edengg@rpcl.gov.bd</p>

	<p>For notices, the Supplier's contact details shall be:</p> <p>Attention:</p> <p>Address:</p> <p>Telephone:</p> <p>Facsimile number:</p> <p>Electronic mail address:</p>
GCC 18.1	The scope of supply and related works is as per Section 7. Technical Specifications
GCC 22.2	<p>The packing, marking and documentation within and outside the packages shall be:</p> <p>A complete packing list indicating the content of each package shall be enclosed in a water proof envelope and shall be secured to the outside of the packing case. In addition, each packing shall be clearly marked with indelible ink/paint on at least four sides as follows:</p> <p>Name and address of Purchaser Name of the Supplier Contract Description Final Destination/Delivery Point Gross weight Package number of total number of packages Brief description of the content Any special lifting instructions Any special handling instructions</p> <p>The Final destination of the goods shall be at Gazipur 105 MW HFO Fired Power Plant, Kadda, Gazipur and the goods shall remain at the risk of supplier until the delivery has been completed.</p>
GCC 23.1	<p>Delivery Period shall be:</p> <ul style="list-style-type: none"> • All sorts of spares and goods (listed in schedule 1.1) to be delivered at designated store of Gazipur 105 MW HFO Fired Power Plant within 150 (one hundred fifty) days from L/C opening date. • 12000 Hrs schedule maintenance of 03 (Three) engines has to be completed within 01 (one) year from the date of first indent. This completion period may extend upto 06 (six) months if any engine's operating hour does not reach 12000 Hrs within 10(ten) month from the date of Commencement date and/or in case of not getting permission for shutdown from the consignee. • The Contractor shall submit a Programme for the 12000 Hrs schedule maintenance Works before 7 days of the commencement of specific schedule maintenance. • 12000 Hrs schedule maintenance of Specific Engine shall be completed within 18 (eighteen) days from the date of commencement/shutdown. • Un-scheduled break down maintenance service will be as per on call basis and shall be ended after 01(one) year from the date of Contract Signing or 1300 man-hour whichever comes earlier. • Commencement Date of 12000 Hrs schedule Maintenance and Un-schedule Maintenance shall be as per indent of the Project Manager. • All communication / related equipment for Online monitoring system should be installed within 3 months of opening LC.

GCC 23.2

The Purchaser reserves the right to cancel without informing the supplier, any or all items not delivered within the specified delivery period and to purchase the same from any other source at the expense of the supplier.

Details of shipping and other documents to be furnished by the Supplier shall be:

Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by telex, e-mail or fax the full details of the shipment, including Contract number, description of Goods, quantity, the vessel, Bill of Lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall send the following documents to the Purchaser, with a copy to the Insurance Company:

- (a) One (1) original and Three (3) copies invoice of the Supplier showing the description of the Goods, quantity, unit price, and total amount;
- (b) One (1) original and Three (3) copies of the negotiable clean, on-board Bill of Lading/Airway Bill marked "freight prepaid".
- (c) One (1) Original and Three (3) copies of the **Manufacturer's/Supplier's** packing list identifying contents of each package;
- (d) One (1) original **Manufacturer's warranty** stating that the offered items are new, unused and of the most recent or current models, and that they incorporate all recent improvements in accordance with GCC 33.1 & will be fitted in the existing system and will operate satisfactorily during the warranty period as stated under GCC 33.3 of PCC;
- (e) Manufacturer's factory test certificate in one (1) original.
- (f) Quality and Quantity certificate of the Goods shipped in one (1) original.
- (g) One (1) Original Certificate of origin issued by the Chamber of Commerce of Exporting/ Manufacturer's Country.

The Supplier shall ensure that the documents to be sent are **free from any discrepancy**. In case of any discrepancy in the documents, the supplier shall be responsible for any consequent expenses, such as additional bank charges, additional demurrage at port owing to delayed clearance of Goods etc. The negotiable sets of documents shall be original, signed by the Supplier.

The supplier shall also ensure that the Purchaser shall receive the above documents at least Ten (10) days before arrival of the Goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses. The shipping documents described above shall be supplied as follows-

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| 1. Executive Director (Engineering), RPCL, Dhaka | 1(one) set |
| 2. Executive Director (Finance & Accounts), RPCL, Dhaka | 1(one) set |
| 3. Plant In-charge, Gazipur 105 MW HFO Fired Power Plant, Kadda, Gazipur | 1(one) set |

GCC 25.1	The Contract price is: as specified in the Contract Agreement Form (PG4 – 8).
GCC 26.2	<p>Responsibility of the Purchaser and Supplier is :</p> <ul style="list-style-type: none"> • CIP (Carriage & Insurance Paid To: Incoterm 2020) basis. Port of Discharge: Chattogram seaport/ Dhaka Airport. • The contractor will be responsible for clearing and forwarding of goods and the payment of all other charges including import related duties to be liable by the port as well as other Govt. agencies inside Bangladesh for the goods to be imported in accordance with the specifications and inland transportation (with insurance) upto plant site. <p>RPCL shall not pay the import related duties and taxes on any replacement or any additional items.</p>
GCC 27.1	<p>Payment : 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 (LC) and local currency through transfer of fund to Contractor's account or its nominated local agent through local LC or Account Payee Cheque. RPCL shall pay to the Contractor in the following manners:</p> <p>a) Payment For Schedule Spare Parts (Foreign currency part of Schedule 1.1): i) 80% (Eighty percent) of foreign currency payment of the contract price will be made after shipment of the materials from the supplier / manufacturers end on presentation of original invoice certified by the purchaser, clean original shipping documents specified in GCC clause 23.2 and other necessary documents (as per L/C) to negotiating bank. ii) Payment of remaining 20% (Twenty percent) foreign currency and 100% local currency of the contract price shall be made against satisfactory receiving cum joint inspection report and acceptance certificate issued by the consignee.</p> <p>b) Payment for Works/Service (Foreign currency part and local currency part; Schedule 1.2) i) 90% (Ninety percent) of the contract price of 12000 Hours Schedule maintenance Services will be paid after completion, Test run and synchronizing with grid upto full load of individual generating unit upon issuance of the Provisional Acceptance Certificate of respective generating unit after successful completion of testing and handing over against submission of invoices/claim bill and completion certificate issued by the consignee. ii) 10% (Ten percent) shall be made after completion of Defect Liability Period upon issuance of the Completion of warranty period Certificate/Final Acceptance Certificate of respective engine after removal of all defect(s) pointed out by the consignee against submission of invoices/claim bill.</p> <p>c) Payment of the Maintenance Experts involved in unscheduled maintenance service (Schedule 1.3): The method and conditions of payment to be made to the Contractor under this Contract shall be as follows: No Advance Payment will be admissible.</p>

The contractor shall immediately deploy manpower (as described in scope of works & service) on call made by consignee. Payment of Unscheduled maintenance service shall be made on man-hour basis for performing any unscheduled maintenance service/breakdown maintenance service. The contractor shall submit 4 (four) copies of invoice prepared on the basis of Final Price Schedule (Schedule 1.3) duly certified for payment the Consignee with enclosure of attendance certificates (including the information of working hour, no of personnel) of rendering services and acceptance of **service report** of unscheduled maintenance service under the contract signed by both the parties. The Contractor shall claim bill /invoices after completion of at least one **30 man-hour or every 06 (six) month** interval whichever comes earlier.

Note : The Contractor shall pay any local and state taxes, fees or charges whatever imposed or to be imposed on the Maintenance Experts/ Specialists and their personal effects during their stay in Bangladesh under the Contract & Appendixes as per the existing rules of Bangladesh. The Contractor shall furnish necessary statements in this regard.

d) Payment of Online monitoring system:

The Monthly Fixed Fees shall be invoiced each month for the duration of the agreement and payment shall be made within thirty (30) days from the date of invoice.

Mobilization Fee should be claimed with 1st month invoice.

BANKING CHARGES:

- a) Letter of Credit opening and other charges including amendment charges within Bangladesh shall be borne by RPCL and those outside Bangladesh shall be borne by the supplier.
- b) The supplier shall have to bear all such charges both inside and outside Bangladesh in case of amendment of L/C if done at the request of the supplier.

Provisional Acceptance Certificate (PAC)

The work shall not be considered as complete provisionally until a PAC has been issued for the work, signed and dated by the consignee of RPCL and delivered to the Contractor.

The PAC for individual Generating Unit will be issued only after the final inspection of individual Engine (Generating Unit) has been carried out by a team of representatives of the Contractor and witness and accepted by the PAC committee of RPCL formed by the competent authority and the work has been judged complete and in compliance with the Contract Documents.

The test shall be performed as specified in the applicable Technical Requirements. 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.

After completion of Schedule maintenance of 12K of each Engine (Generating Unit), 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

	<p>the operation of generating unit immediately after receiving written notice from the Contractor.</p> <p>From the date of final inspection and test of completed works, at least three (3) weeks' time should be taken for observation to the outcome of the work, after which Provisional Acceptance Certificate should be issued for the work of respective generating unit, signed and dated by the Consignee and delivered to the Contractor, provided that no omissions or defects are found which may affect the commercial operation of the plant.</p> <p>The final inspection and test will commence upon a written notice from the Contractor stating that the Respective Engine has successfully completed 24 hours continuous commercial operation at different loads including full load for at least 6 hours without any trouble after scheduled maintenance of 12K as per NLDC demands and fuel facilities. The full load generation output will be considered achievable basis all the BOP operates and performs within the OEM recommended operating range.</p> <p>PAC effective date will be the date of final Inspection.</p> <ul style="list-style-type: none"> ❖ After completion of the Defects Liability Period/ Warranty period of 12 months after PAC effective date, Final Acceptance Certificate shall be issued as mentioned below: <p>Final Acceptance Certificate (FAC)</p> <p>The work shall not be considered as completed until a Final Acceptance Certificate (FAC) is signed and issued by the Procuring Entity (PE) 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 by the PE latest 28 (twenty eight) days after the expiration of the Defects liability period or 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 works to be made good is completed to the satisfaction of the PE and the competent Authority.</p> <p>Partial Shipment and partial payment is allowed. Maximum numbers of partial shipment will be 03 (Three).</p>
<p>GCC 27.3</p>	<p>Payments shall be made in no case later than the days 30 after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.</p>
<p>GCC 27.5</p>	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be [<i>Indicate the days</i>] days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.</p> <p><i>Not Applicable.</i></p>

<p>GCC 28.2</p>	<p>Insurance:</p> <p>The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation storage and delivery. In this manner all Insurance shall be made by the supplier through Bangladesh SadharanBima Corporation.</p> <p>The supplier shall inform directly to the Purchaser following Way:</p> <p>No sooner had the shipment is effected, as well as the materials reached the port of the destination, the supplier shall inform the purchaser about where, when and how those Imported Equipment/Materials are stored/shall be stored/are going to be stored at the Sea Port/Land Port/Airport.</p> <p>Shipment of Goods in any chartered vessel over 15(fifteen) years of age and shipment of goods in the Deck are prohibited. If the contractor fails to comply with these instructions they shall be held fully responsible for any loss or damage arising out of the non-compliance of these contract conditions.</p>
<p>GCC 29.0</p>	<p>Taxes & Duties</p> <p>a) Bangladesh Income Tax & VAT for income earned in Bangladesh:</p> <p>The Contractor shall be entirely liable to pay all income tax, VAT and all other taxes of similar nature earned in Bangladesh arising out of this contract for both foreign & local currency portion (i.e., except CPT Value) of the contract price at the prevailing rule of GoB which shall be deducted at source during payment of bills for onward deposition of the same into government Treasury. At the date of payment if there is any increase or decrease in rate of income tax, vat and other taxes, RPCL will pay or receive respectively the balance amount.</p> <p>b) For Contractor's equipment, material imported on re-exportable basis:</p> <p>The Contractor shall be entirely responsible for custom and import duties, VAT, taxes and all other levies imposed inside Bangladesh under applicable law of Bangladesh for importing the contractor's construction equipment, tools and materials required for implementation of the contract in Bangladesh which shall be imposed on the condition to be exported after completion of the work.</p> <p>c) Foreign Country Taxes and permits</p> <p>The contractor shall pay all sales, income and other taxes and duties, tariff and import that can be lawfully assessed against the contractor by the government or any lawful authority of any country other than the people's republic of Bangladesh which has jurisdiction over the contractor in connection with the contract and shall pay for all licenses permits and inspection required for the work including the cost or securing all export licenses and permits for materials, equipment, supplies and personnel exported from the country to Bangladesh.</p> <p>d) Import Duty, VAT, TAXES , LEVIES & Other Taxes for permanent material of the work</p> <ul style="list-style-type: none"> • The contractor will be responsible for clearing and forwarding of goods and the payment of all other charges including customs duty to be liable by the port as well as other Govt. agencies inside Bangladesh for the goods to be imported in accordance with the specifications and inland transportation (with insurance) upto plant site. • RPCL shall not pay the import related duties and taxes on any replacement or any additional items.

GCC 32.1	<p>Post landing inspection</p> <p>Post landing inspection shall be done after arrival of the materials/equipment at Gazipur Power Plant. The Post landing inspection of the materials/ equipment shall be conducted by RPCL's Inspector or its authorized representative in the presence of the representative of the contractor. The program of such inspection shall be intimated to the representative of the contractor by RPCL upon arrival of the materials/ equipment at the above power station store. Receiving cum inspection report will be prepared after post landing inspection.</p>
GCC 32.4	<p>Pre-Shipment Inspection (PSI):</p> <p>RPCL shall send its engineers to carry out PSI of Goods at manufacturers' workshop including transfer of technical know-how. The Contractor shall furnish all reasonable aid and assistance required by the RPCL's engineers for executing PSI of the goods. The period for this PSI will be 07 (Seven) days excluding travel time.</p> <p>The Contractor/ Supplier shall also bear the costs of round air tickets (Economy class), standard hotel accommodations, food, internal transportations and per diem allowances @ EUR 150.00 per person per day. Days will be counted from the date of departure to arrival in Bangladesh. The number of such personnel will be 03 (Three) for this purpose.</p> <p>The RPCL's engineers 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 its employees shall be sufficient reasons if the RPCL so decides, to terminate the Contract.</p> <p>Such test shall not relieve the Contractor from any obligation to perform the contract in accordance with the Contract Documents.</p>

GCC 33.3	<p>Warranty for Goods:</p> <p>The Supplier shall warrant that the goods supplied under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials. The supplier shall further warrant that the goods supplied under this contract shall have no defect arising from design, materials or work man ship (except in so far as the design or materials is required by the Purchaser's Specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in conditions obtaining in the Purchaser's country. Guarantee/ warranty certificate from the manufacturer mentioning that their offered items will be new, unused and will be fitted properly in the existing system without any modification.</p> <p>The warranty period for the parts will be 24 (Twenty four) months from the date of delivery or 12 (Twelve) months from the date when the parts were placed in service whichever occurs earlier.</p> <p>The Purchaser shall promptly notify the supplier in writing of any claim arising under this warranty.</p> <p>Upon receipt of such notice, with in Thirty (30) days the supplier shall, with all reasonable speed repairs or replace the defective goods or parts thereof, without cost to the Purchaser including delivery to RPCL'S store complete in all respects.</p> <p>Manufacturer default warranty will applicable for replaced spare parts under warranty claim.</p> <p>If the supplier, having been notified, fails to remedy the defect (s) within a reasonable period, the purchaser may proceed to take such action/actions as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the provisions of the contract.</p> <p>Warranty for 12000Hrs Scheduled MaintenanceWorks:</p> <p>Unless otherwise specified the Defects liability period/ warranty period hereunder shall begin from the Effective date mentioned in Provisional Acceptance Certificate (PAC) for each generating unit after 12000 schedule maintenance and shall end after 12 (Twelve) months or 8000 EOH (individual generating unit) which 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. 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>
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	<p>Expert service for Unscheduled Maintenance: The experts for unscheduled maintenance/breakdown repair shall attend for a particular assignment within 12 (twelve) hours from the phone call of consignee. If within 24 (twenty four) hours after the Consignee makes the call for any unscheduled maintenance, the Contractor neglects to attend, RPCL is hereby authorized to make the correction himself or order the service to be done by third party.</p> <p>In the case of an emergency where in the judgment of RPCL 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 RPCL or a third party chosen by RPCL 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 RPCL, 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>GCC 33.6</p>	<p>The Contractor shall correct any defects covered by the Warranty within 30 days of being notified by the Purchaser of the occurrence of such defects.</p>

Not For Submission

<p>GCC 35.1</p>	<p>Liquidated Damages:</p> <p>For delayed Goods or unperformed related works and service:</p> <p>The applicable rate for liquidated damages for delay shall be: 0.5 percent of the Contract Price of the delayed Goods or unperformed related works and services for each week of delay until actual delivery or performance.</p> <p>For undelivered Goods:</p> <p>Supplier is responsible for supplying 100% contracted items. If the supplier fails to deliver any item, The Procuring entity will procure the item from other sources and actual cost will be adjusted from supplier's payment or the purchaser can adjust LD at the rate of 20% of the cost of non-supplied items.</p> <p>For Output of Generating unit:</p> <p>Liquidated damage is applicable on the output power of 12K overhauled generating unit. If the engine fails to achieve full load during performance test at diff. load including full load for 6 hours, the contractor shall pay to the liquidated damages at the rate of 1% (one percent) of the Contract Price of respective generating unit (engine) 12000 Hours Schedule maintenance Services as per Defined Scope, Test run and synchronizing with grid upto full load (price schedule 1.2) for decrease of 1% or its fraction of the output from the guaranteed output.</p> <p>For unscheduled maintenance/breakdown:</p> <p>The experts for unscheduled maintenance/breakdown repair shall attend for a particular assignment within 12 (twelve) hours from the phone call/email/letter of consignee. If within 24 (twenty four) hours after the Consignee makes the call for any unscheduled maintenance, the Contractor neglects to attend, RPCL is hereby authorized to make the correction himself or order the service to be done by third party and cost of the service will be deducted from the contract price.</p> <p>Bonus on 12K Maintenance work:</p> <p>The Contractor shall be paid a Bonus calculated at the rate per calendar day @ 0.1% of Contract price of individual unit 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 (18 days from the Commencement date of 12K Maintenance work for individual engine). 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.</p>
	<p>Total amount of liquidated damages shall not exceed ten (10) percent of the final Contract price for the whole of the Works.</p>
<p>GCC 47.2 (b)</p>	<p>The name of the Adjudicator:</p> <p>The President of the Institution of Engineers, Bangladesh (IEB)</p> <p>The name of the appointing authority of the Adjudicator shall be finalized by both the parties if necessary.</p>
<p>GCC 47.3 (b)</p>	<p>The rules of procedure for arbitration proceedings shall be as follows:</p> <p>Any dispute, controversy or claim arising out of or relating to this Contract, or breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the Bangladesh Arbitration Act 2001 as at present in force.</p>

Section 5. Tender and Contract Forms

Form	Title
Tender Forms	
PG4 – 1	Tender Submission Letter
PG4 – 2	Tenderer Information Sheet
PG4-2A	Subcontractor Information
PG4 – 3A,3B & 3C	Price Schedule for Goods
PG4 – 3D	Price Schedule for Related Services
PG4 – 4	Specifications Submission and Compliance Sheet
PG4 – 5	Manufacturer’s Authorisation Letter
PG4 – 6	Bank Guarantee for Tender Security
PG4 – 6A	Bank’s Commitment for Line of Credit (<i>when this option is chosen</i>)
Contract Forms	
PG4 – 7	Notification of Award
PG4 – 8	Contract Agreement
PG4 – 9	Bank Guarantee for Performance Security
PG4 – 10	Bank Guarantee for Advance Payment

Forms PG4-1 to PG4-6 comprises part of the Tender and should be completed as stated in ITT Clause 21.

Forms PG4-7 to PG4-10 comprises part of the Contract as stated in GCC Clause 5.

Tender Submission Letter(Form PG4 – 1)

[This letter shall be completed and signed by the Authorized Signatory on the Letter-Head pad of the Tenderer]

To: <i>[Contact Person]</i> <i>[Name of Purchaser]</i> <i>[Address of Purchaser]</i>	Date:
Invitation for Tender No:	<i>[indicate IFT No]</i>
Tender Package No:	<i>[indicate Package No]</i>
Lot No:	<i>[indicate number of Lots]</i>

We, the undersigned, offer to supply in conformity with the Tender Document the following Goods and related Services:

In accordance with ITT Clauses 23 and 24, the following prices and discounts apply to our Tender:

The Tender Price is: (ITT Sub-Clause 23.1)	a. BDT <i>[state amount in figures]</i> <i>[state amount in words]</i>
	b. Other Currency(s) <i>[state amount in figures]</i> <i>[state amount in words]</i> as stated in the TDS Sub-Clause 24.3
In Accordance with ITT sub clause 23.9 (a) and 23.9 (b) the unconditional discount offered by us is: (This discount shall be applicable on all the items of Price Schedule after Arithmetical Correction)	_____ <i>[Percentage in figures and words]</i>
The advance payment (when applicable) is: <i>[insert the percentage of the Contract Price]</i> (GCC Sub-Clause 27.1)	_____ <i>[Percentage in figures and words]</i>
and we shall accordingly submit an Advance Payment Guarantee in the format shown in Form PG4-10 .	
Mandatory Spare Parts Price (When Economic Factor applicable) is: (ITT Sub-Clause 52.2 (f) & 52.5 (b))	BDT _____ <i>[in figures]</i>
	BDT _____ <i>[in words]</i>

and we shall accordingly submit an Advance Payment Guarantee in the format shown in Form PG4 - 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 27.2) 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 bank guarantee in the amount stated in the Tender Data Sheet (ITT Clause 29) and valid for a period of 28 days beyond the Tender validity date;
 - c) if our Tender is accepted, we commit to furnishing a Performance Security in the amount stated in the Tender Data Sheet (ITT Sub-Clause 63.2) in the form stated in Tender Data Sheet (ITT Sub-Clause 64.1) and valid for a period of 28 days beyond the date of completion of our performance obligations;
 - d) we have examined and have no reservations to the Tender Document, issued by you on *[insert date]*;
- including Addendum to Tender Documents 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 have been issued]*;
- e) we, including as applicable, 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
 - 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];
(delete one of the above as appropriate)
 - h) we, 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 subcontractor, have not been declared ineligible by the Government of Bangladesh or the Development Partner, under the laws of Bangladesh or official regulations or by an act of compliance with a decision of the United Nations Security Council on charges of engaging in corrupt, fraudulent, collusive, coercive (or obstructive in case of Development Partner) practices, in accordance with ITT Sub-Clause 5.6;
 - j) furthermore, we are aware of ITT Sub Clause 4.3 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 Supply, in accordance with ITT Sub-Clause 16.1 to the following Subcontractor(s);

Nature of the Supply or related	Name and address of Subcontractor
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service	

- l) we, confirm that we do not have a record of poor performance, such as abandoning the Supply, not properly completing contracts, inordinate delays, or financial failure as stated in ITT Sub-Clause 5.8, and that we do not have, or have had, any litigation against us, other than that stated in the Tenderer Information Sheet(Form PG4-2);
- 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 become a binding Contract between us, until a formal Contract is prepared and executed;
- n) we understand that you reserve the right to accept or reject any Tender, to cancel the Tender proceedings, or to reject all Tenders, without incurring any liability to Tenderers, in accordance with ITT Clause 58.1.

Signature:

<i>[insert signature of authorized representative of the Tenderer]</i>
--

Name:

<i>[insert full name of signatory with National ID]</i>

In the capacity of:

<i>[insert designation of signatory]</i>
--

Duly authorized to sign the Tender for and on behalf of the Tenderer

[If there is more than one (1) signatory add other boxes and sign accordingly].

Attachment 1: Written confirmation authorizing the above signatory (ies) to commit the Tenderer, in accordance with ITT Sub-Clause 34.3;

	<ul style="list-style-type: none"> □ A certificate issued by the competent authority of Bangladesh stating that the Tenderer is a Tax payer having valid Tax identification Number (TIN) and VAT registration number or in lieu any other document acceptable to the Purchaser demonstrating that the Tenderer is a genuine Tax payer and has a VAT registration number as a proof of fulfillment of taxation obligations in accordance with ITT Clause 5 . □ Documentary evidence demonstrating that they are enrolled in the relevant professional or trade organizations registered in Bangladesh in accordance with ITT Clause 5.
<p>2. Litigation History: [Number of arbitration awards against the tenderer over the period in accordance the ITT Clause 13.1] if no [state “None”]</p>	
<p>3. Qualification Information of the Tenderer:</p>	
3.1	<p>Number of years of overall experience of the Tenderer in the supply of goods and related services as stated under ITT Sub-Clause 14.1(a):</p>
3.2	<p>Number of completed supply contracts in the supply of similar goods and related services of required value within the period mentioned in TDS as stated under ITT Sub-Clause 14.1(b):</p> <ul style="list-style-type: none"> ▪ Number of Contracts: ▪ Value of the Contracts: ▪ Period of the Contract:
3.3	<p>The supply and/or production capacity of Goods, if applicable, as stated under ITT Sub-Clause 14.(c)</p>
3.4	<p>Available liquid assets or working capital or credit facility in accordance with ITT Clause 15.1(a)</p>

Subcontractor Information (Form PG4-2A)

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

Invitation for Tender No: [IFT No]
 Tender Package No [Package No]
 Lot No. (when applicable) [Lot No]

1. Eligibility Information of the Subcontractor [ITT Clause5 and 26]	
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 26 in support of its eligibility
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 16.1]

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 Good supplied or service provided or Works performed		

Not For Submission

Price Schedule for Goods (Form PG4-3A)
[Group A Tenders: Goods Manufactured in Bangladesh]

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

1	2	3	4	5	6	7	8	9	10	
Line Item No .	Description of Item	Unit of Measurement	Quantity	Unit price EXW <i>[FC or Taka.]</i>	EXW price per Line Item (Col. 4 × 5) <i>[FC or Taka.]</i>	Inland transportation, Insurance and other local costs for the delivery of the Goods to their final destination <i>[Taka]</i>	Cost of local labour, raw materials and components from with origin in Bangladesh	VAT Payable on account of Supplier if the Contract is awarded <i>[Taka]</i>	Total Price per line item (Col. 6+7) FC Taka	
<i>[Insert number of the item]</i>	<i>[Insert name of Goods]</i>	<i>[Insert name of the Unit]</i>	<i>[Insert number of Unit to be]</i>	<i>[Insert EXW unit price, also indicate Currency]</i>	<i>[Insert total EXW price per line item]</i>	<i>[Insert corresponding price per line item]</i>	<i>[Insert cost of local labour, raw material]</i>	<i>[Insert Supplier's VAT if Contract is]</i>	<i>[Insert total price per line item]</i>	
1										
Note : Price offered in foreign currency (FC) & Bangladesh Taka							Total Price for Lot			
Point of Delivery as per Schedule of Requirement:						Period of Delivery as per Schedule of Requirement:				

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

Schedule1.1: Price Schedule for Goods (Form PG4-3B)

[Group B Tenders: Goods Manufactured outside Bangladesh, to be imported]

Invitation for Tender No:	PUR-016/(FG/GPP105MW/OTM)/2021-22, Date: 10/03/2022		
Tender Package No:	01	Package Description:	Procurement of Spare Parts, 12k Schedule Maintenance & Unscheduled Maintenance works of Gazipur 105 MW HFO Fired Power Plant.
Tender Lot No:	01	Lot Description:	Procurement of Spare Parts, 12k Schedule Maintenance & Unscheduled Maintenance works of Gazipur 105 MW HFO Fired Power Plant.

A.		Mechanical Spares								
1	2	3	4	5	6	7	8	9	10	11
Line Item No.	Description of Item	Country of Origin	Unit of Measurement	Quantity	Unit Price CIP (Chittagong Seaport/Dhaka Airport) [FC]	CIP price per Line Item (Col. 5 x 6) [F/C]	Inland transportation and other local costs for the delivery of the Goods to Gazipur 105 MW HFO Fired Power Plant [BDT]	VAT Payable on account of Supplier if the Contract is awarded and If applicable as per VAT Act.)	Total Price per line item	
									FC (Col 7)	BDT(Col 8+9)
1.	Side screw		Pcs	2						
2.	Stud		Pcs	2						
3.	Stud		Pcs	2						
4.	Cylindrical pin		Pcs	2						
5.	Nut		Pcs	2						
6.	Nut		Pcs	2						

7.	Screw		Pcs	2						
8.	Screw		Pcs	2						
9.	Cylinder liner		Pcs	1						
10.	Anti-polishing ring		Pcs	42						
11.	Guiding washer		Pcs	2						
12.	O-ring		Pcs	55						
13.	O-ring		Pcs	104						
14.	Bearing bush		Pcs	1						
15.	Locking plate		Pcs	2						
16.	Sealing ring		Pcs	2						
17.	O-ring		Pcs	2						
18.	Hydraulic jack, compl.		Pcs	1						
19.	Washer		Pcs	8						
20.	Screw		Pcs	8						
21.	Gasket set		Pcs	2						
22.	Suction screen		Pcs	1						
23.	Screw		Pcs	8						
24.	Screw		Pcs	8						
25.	Hose gasket		Pcs	8						
26.	O-ring		Pcs	2						
27.	Gasket		Pcs	1						
28.	Relief valve, compl		Pcs	2						
29.	Reduction union		Pcs	1						
30.	T-union		Pcs	1						
31.	Male stud		Pcs	1						
32.	Distribution piece		Pcs	2						
33.	Male stud		Pcs	1						

34.	Crankcase Cover		Pcs	1						
35.	Hose gasket		Pcs	1						
36.	Angle union		Pcs	2						
37.	O-ring		Pcs	1						
38.	Nozzle pipe		Pcs	1						
39.	Screw		Pcs	1						
40.	Screw		Pcs	6						
41.	Screw		Pcs	12						
42.	Angle union		Pcs	6						
43.	Straight union		Pcs	1						
44.	Lubricating oil pipe		Pcs	1						
45.	Lubricating oil pipe		Pcs	1						
46.	Lubricating oil pipe		Pcs	1						
47.	Lubricating oil pipe		Pcs	1						
48.	Lubricating oil pipe		Pcs	1						
49.	Lubricating oil pipe		Pcs	1						
50.	Washer		Pcs	1						
51.	Pipe		Pcs	19						
52.	O-ring gasket		Pcs	1						
53.	Crankcase Cover		Pcs	19						
54.	Crankcase cover with		Pcs	1						
55.	V-ring		Pcs	1						
56.	Reduction union		Pcs	1						
57.	Oil pipe		Pcs	1						
58.	Oil pipe		Pcs	1						
59.	Cover		Pcs	1						
60.	Cylindrical pin		Pcs	1						

61.	Cylindrical pin		Pcs	2						
62.	Sealing ring		Pcs	2						
63.	Angle union		Pcs	2						
64.	Drain pipe		Pcs	2						
65.	Ring		Pcs	1						
66.	Washer		Pcs	2						
67.	Hexagon screw		Pcs	2						
68.	Washer		Pcs	6						
69.	Crankcase cover		Pcs	1						
70.	Counterweight		Pcs	1						
71.	Stud		Pcs	2						
72.	Nut		Pcs	2						
73.	Cylindrical pin		Pcs	2						
74.	Connecting rod, lowerPart		Pcs	2						
75.	Nut		Pcs	14						
76.	Screw		Pcs	14						
77.	Shim		Pcs	18						

78.	Bearing bush		Pcs	4						
79.	Big end bearing kit		Pcs	18						
80.	Big end bearing housing spare part kit Set contains 111 004 Connecting rod, lower part 1 pc/set total 2pc 111 018 Shim 1 pc/set total 2pc 111 037 Big end bearing kit 1 pc/set total 2pc		Pcs	2						
81.	Piston crown		Pcs	2						
82.	Screw		Pcs	212						
83.	Piston ring kit		Pcs	39						
84.	Gudgeon pin		Pcs	1						
85.	Sleeve		Pcs	212						
86.	Piston skirt		Pcs	2						
87.	O-ring		Pcs	36						
88.	Piston, compl		Pcs	1						
89.	Nut		Pcs	212						

90.	Flywheel indicator		Pcs	1						
91.	Lubricating oil pipe		Pcs	3						
92.	Seat ring, inlet		Pcs	46						
93.	Sealing rin		Pcs	18						
94.	Cylinder head, with valves		Pcs	3						
95.	Sealing ring		Pcs	7						
96.	Sealing kit for cylinder head		Pcs	107						
97.	Repair kit for cylinder head overhalu		Pcs	76						
98.	Valve guide		Pcs	101						
99.	Seat ring, exhaust		Pcs	64						
100.	Sleeve		Pcs	6						
101.	Plug		Pcs	4						
102.	Plug		Pcs	6						
103.	Sealing ring		Pcs	4						
104.	Sealing ring		Pcs	6						
105.	Connection flange		Pcs	2						
106.	Screw		Pcs	16						
107.	Sealing ring		Pcs	4						

108.	plug		Pcs	4						
109.	Sealing ring		Pcs	12						
110.	Inlet valve		Pcs	44						
111.	Valve spring, outer		Pcs	2						
112.	Valve spring, inne		Pcs	2						
113.	Exhaust valve		Pcs	95						
114.	Valve rotator, compl.		Pcs	6						
115.	Disc spring		Pcs	4						
116.	Locking ring		Pcs	4						
117.	Ball		Pcs	82						
118.	Slide O-ring		Pcs	48						
119.	Spring		Pcs	10						
120.	Housing		Pcs	6						
121.	Piston		Pcs	4						
122.	Slide O-ring		Pcs	48						
123.	Spindle		Pcs	6						
124.	O-ring		Pcs	24						
125.	Sealing ring		Pcs	18						
126.	Yoke		Pcs	1						

127.	Stud		Pcs	4						
128.	Nut		Pcs	4						
129.	Sealing kit for starting valve		Pcs	31						
130.	Angle union		Pcs	2						
131.	Reduction union		Pcs	2						
132.	Washer		Pcs	2						
133.	O ring		Pcs	29						
134.	Screw		Pcs	2						
135.	O ring		Pcs	29						
136.	O ring		Pcs	24						
137.	Air pipe		Pcs	2						
138.	Straight lead-through		Pcs	2						
139.	O ring		Pcs	29						
140.	O ring		Pcs	29						
141.	Starting valve		Pcs	2						
142.	Extension piece		Pcs	1						
143.	Dummy for starting valve		Pcs	2						
144.	Cover		Pcs	2						
145.	Hose gasket		Pcs	4						

146.	Hose gasket		Pcs	4						
147.	O ring		Pcs	62						
148.	Screw		Pcs	12						
149.	Clamping ring, compl		Pcs	4						
150.	Thread element		Pcs	12						
151.	Washer		Pcs	4						
152.	Sealing ring		Pcs	12						
153.	Sealing ring		Pcs	106						
154.	Cap, comp		Pcs	2						
155.	Hand wheel pin		Pcs	6						
156.	Hand wheel		Pcs	6						
157.	Spring washer		Pcs	6						
158.	Washer		Pcs	6						
159.	O ring		Pcs	10						
160.	O ring		Pcs	11						
161.	O ring		Pcs	11						
162.	Safety valve		Pcs	14						
163.	Sealing ring		Pcs	32						
164.	Yoke		Pcs	1						

165.	Indicator valve, compl.		Pcs	15						
166.	Large intermediate gear		Pcs	1						
167.	Cylindrical pin		Pcs	2						
168.	Cylindrical pin		Pcs	2						
169.	Small intermediate gear		Pcs	1						
170.	O-ring		Pcs	4						
171.	O-ring		Pcs	4						
172.	Thrust bearing		Pcs	1						
173.	Round nut		Pcs	1						
174.	Shaft plate		Pcs	1						
175.	O-ring		Pcs	4						
176.	Guiding pin, long version		Pcs	20						
177.	Valve tappet		Pcs	2						
178.	Tappet rolle		Pcs	2						
179.	Spring pin		Pcs	20						
180.	Valve tappet with roller (long guiding pin		Pcs	3						
181.	Hydraulic valve tappet(1)		Pcs	1						
182.	Gasket		Pcs	6						

183.	Sealing		Pcs	4						
184.	Sealing		Pcs	6						
185.	Sealing ring		Pcs	4						
186.	Distance sleeve		Pcs	1						
187.	Ball seat		Pcs	5						
188.	Securing spring		Pcs	15						
189.	Thrust piece		Pcs	2						
190.	Axle		Pcs	1						
191.	Screw		Pcs	2						
192.	Screw		Pcs	24						
193.	O-ring		Pcs	8						
194.	Rocker arms and bracket		Pcs	1						
195.	Stud		Pcs	1						
196.	O-ring		Pcs	6						
197.	Flange		Pcs	4						
198.	Screw		Pcs	12						
199.	Extension piece **		Pcs	1						
200.	Bearing part		Pcs	1						
201.	Bearing part		Pcs	1						

202.	Snap ring		Pcs	4						
203.	Guiding pin		Pcs	4						
204.	Bearing part		Pcs	1						
205.	Bearing part		Pcs	1						
206.	Extension piece *		Pcs	1						
207.	Camshaft piece *		Pcs	1						
208.	Camshaft piece **		Pcs	1						
209.	Distance piece		Pcs	1						
210.	Stud		Pcs	16						
211.	Stud		Pcs	16						
212.	Stud		Pcs	16						
213.	Nut		Pcs	16						
214.	Angle union		Pcs	4						
215.	Male stud		Pcs	2						
216.	Male stud		Pcs	2						
217.	O-ring		Pcs	54						
218.	Screw		Pcs	12						
219.	Pipe		Pcs	1						
220.	Washer		Pcs	12						

221.	Tappet Compl.		Pcs	1						
222.	Hand wheel		Pcs	12						
223.	Al profile		Pcs	24						
224.	Al profile		Pcs	24						
225.	Distance piece		Pcs	22						
226.	Distance piece		Pcs	22						
227.	Pin		Pcs	18						
228.	O-ring		Pcs	2						
229.	Rack		Pcs	10						
230.	Piston, main delivery valve		Pcs	28						
231.	Piston, constan pressure valve		Pcs	28						
232.	Sealing ring		Pcs	72						
233.	Core plug		Pcs	72						
234.	Spring		Pcs	36						
235.	Pin		Pcs	4						
236.	Pump element		Pcs	22						
237.	Spring		Pcs	36						
238.	Control sleeve		Pcs	1						
239.	Retaining ring		Pcs	2						

240.	Sealing ring		Pcs	2						
241.	Rack, compl.		Pcs	6						
242.	Shot, tappet		Pcs	1						
243.	Sealing kit for pump overhaul		Pcs	38						
244.	Plug		Pcs	72						
245.	Sealing ring		Pcs	72						
246.	Flange, compl		Pcs	1						
247.	Cylinder		Pcs	1						
248.	Seal		Pcs	102						
249.	Screw		Pcs	2						
250.	Spring plate		Pcs	6						
251.	Wire		Pcs	60						
252.	Stop washer		Pcs	18						
253.	Screw		Pcs	4						
254.	O-ring		Pcs	31						
255.	O-ring		Pcs	31						
256.	Nut		Pcs	1						
257.	Housing		Pcs	6						
258.	Adjusting screw		Pcs	5						

259.	Spring		Pcs	18						
260.	Dowel pin		Pcs	46						
261.	Nozzle nut		Pcs	8						
262.	Connection piece		Pcs	2						
263.	Sealing kit		Pcs	194						
264.	Friction Ring Pair 25*30		Pcs	36						
265.	Main injection pipe, compl.		Pcs	2						
266.	Nozzle		Pcs	134						
267.	Pipe		Pcs	2						
268.	Reduction union		Pcs	6						
269.	Straight lead-through		Pcs	6						
270.	stud		Pcs	4						
271.	Hexagon socket screw		Pcs	6						
272.	O-ring		Pcs	12						
273.	plug		Pcs	2						
274.	Sealing ring		Pcs	12						
275.	Male stud		Pcs	6						
276.	Clamping ring		Pcs	3						
277.	Valve kit		Pcs	1						

278.	LT water pump, compl.		Pcs	1						
279.	HT water pump, compl. *		Pcs	1						
280.	Gasket		Pcs	4						
281.	Clamping ring, compl		Pcs	3						
282.	Shaft		Pcs	2						
283.	Cylindrical roller bearing		Pcs	2						
284.	Spherical roller bearing		Pcs	2						
285.	Shaft (5)		Pcs	2						
286.	Cylindrical roller bearing		Pcs	2						
287.	Spherical roller bearing		Pcs	2						
288.	Clamping ring, compl		Pcs	3						
289.	Friction ring		Pcs	8						
290.	Gasket		Pcs	5						
291.	Sealing kit		Pcs	2						
292.	Sealing kit		Pcs	12						
293.	Pump shaft replacement set		Pcs	2						
294.	Nut		Pcs	25						
295.	Bellows		Pcs	6						

296.	Screw		Pcs	8						
297.	Gasket		Pcs	6						
298.	Washer		Pcs	14						
299.	Screw		Pcs	78						
300.	Nut		Pcs	78						
301.	Sealing ring		Pcs	24						
302.	Screw		Pcs	25						
303.	Bellows		Pcs	9						
304.	Hexagon Head screw		Pcs	14						
305.	Locking plate		Pcs	16						
306.	Screw		Pcs	38						
307.	Support plate		Pcs	2						
308.	Nut		Pcs	48						
309.	Butterfly valve DN200		Pcs	3						
310.	Pilot valve, compl. (1)		Pcs	5						
311.	Filter		Pcs	6						
312.	Sealing kit, DN 200		Pcs	5						
313.	O ring		Pcs	9						
314.	Starting air distributor, compl.		Pcs	1						

315.	O ring		Pcs	9						
316.	Stop lever,complete		Pcs	1						
317.	Bearing bush		Pcs	1						
318.	Compression spring		Pcs	1						
319.	Gear segmen		Pcs	1						
320.	Lever		Pcs	1						
321.	Link lever		Pcs	2						
322.	Locking lever		Pcs	1						
323.	Bearing bush		Pcs	1						
324.	Nut		Pcs	1						
325.	Spring pin		Pcs	1						
326.	Ball joint		Pcs	3						
327.	Nut		Pcs	3						
328.	Spare part kit		Pcs	2						
329.	Oil level gauge		Pcs	2						
330.	Booster servomotor compl.		Pcs	1						
331.	Pipe		Pcs	2						
332.	Pipe		Pcs	2						
333.	Pipe		Pcs	2						

334.	Pipe		Pcs	2						
335.	Pipe		Pcs	2						
336.	Pipe		Pcs	2						
337.	Screw		Pcs	1						
338.	Connection bar, comp		Pcs	1						
339.	Connection bar, comp		Pcs	1						
340.	Connection bar, comp		Pcs	1						
341.	Bearing Bush		Pcs	4						
342.	Pin		Pcs	1						
343.	Sleeve		Pcs	1						
344.	End piece		Pcs	1						
345.	End piece		Pcs	1						
346.	Spring		Pcs	1						
347.	Elastic link rod, compl		Pcs	1						
348.	Ball join		Pcs	1						
349.	Spring pin		Pcs	1						
350.	Nut		Pcs	5						
351.	Spring		Pcs	1						
352.	Nut		Pcs	4						

353.	Nut		Pcs	3						
354.	Nut left		Pcs	1						
355.	Air pipe		Pcs	2						
356.	Air pipe		Pcs	4						
357.	Banjo fitting		Pcs	2						
358.	Air pip		Pcs	2						
359.	Air pipe		Pcs	2						
360.	Air pipe		Pcs	2						
361.	Air pipe		Pcs	2						
362.	Air pipe		Pcs	2						
363.	Banjo fitting		Pcs	2						
364.	Banjo fitting		Pcs	3						
365.	Non-return valve		Pcs	1						
366.	Ball valve		Pcs	1						
367.	Repair kit for air filter		Pcs	5						
368.	Pipe		Pcs	2						
369.	Air pipe		Pcs	5						
370.	Pipe union		Pcs	2						
371.	Air pipe		Pcs	1						

372.	Air inlet pipe		Pcs	2						
373.	Valve		Pcs	1						
374.	Nipple		Pcs	1						
375.	Reduction Union		Pcs	2						
376.	Air pipe		Pcs	2						
377.	O-ring		Pcs	12						
378.	Screw		Pcs	10						
379.	Plug		Pcs	1						
380.	Distributor housing		Pcs	2						
381.	O-ring		Pcs	69						
382.	Sealing ring		Pcs	2						
383.	O-ring		Pcs	156						
384.	O-ring		Pcs	42						
385.	Support ring		Pcs	40						
386.	Flange		Pcs	2						
387.	Hexagon socket head cap screw M12x60		Pcs	108						
388.	Guide ring		Pcs	2						
389.	Screw		Pcs	2						
390.	Hexagon socket head cap screw M12x60		Pcs	108						

391.	O-ring		Pcs	42						
392.	O-ring		Pcs	44						
393.	Guide ring		Pcs	28						
394.	O-ring		Pcs	28						
395.	Support ring		Pcs	64						
396.	Screw		Pcs	10						
397.	Screw		Pcs	10						
398.	O-ring		Pcs	28						
399.	O-ring		Pcs	6						
400.	O-ring		Pcs	31						
401.	O-ring		Pcs	1						
402.	Male Stud		Pcs	2						
403.	Pipe coupling		Pcs	42						
404.	Pipe coupling		Pcs	3						
405.	Pipe coupling		Pcs	2						
406.	Pipe clump		Pcs	3						
407.	Gasket		Pcs	12						
408.	Gasket		Pcs	6						
409.	Sleeve		Pcs	4						

410.	Stud		Pcs	4						
411.	Seal		Pcs	3						
412.	Seal		Pcs	3						
413.	Gasket		Pcs	3						
414.	Repair kit		Pcs	1						
415.	O-ring		Pcs	3						
416.	Air pipe		Pcs	1						
417.	Ball valve		Pcs	1						
418.	Sealing ring		Pcs	1						
419.	Male stud fitting		Pcs	1						
420.	Male stud fitting		Pcs	1						
421.	Air pipe		Pcs	1						
422.	Air pipe		Pcs	1						
423.	Air pipe		Pcs	1						
424.	Air pipe		Pcs	1						
425.	Air pipe		Pcs	1						
426.	Bursting disc		Pcs	1						
427.	O-ring		Pcs	6						
428.	O-ring		Pcs	96						

429.	O-ring		Pcs	192						
430.	O-ring		Pcs	96						
431.	Adapter		Pcs	1						
432.	Adapter		Pcs	1						
433.	Gasket		Pcs	50						
434.	O-ring		Pcs	6						
435.	Threadlock		Pcs	12						
436.	Thread sealant		Pcs	4						
437.	Thread locker		Pcs	1						
438.	Silicone		Pcs	3						
439.	Threadlocker		Pcs	12						
440.	Silicone rubber seal		Pcs	6						
441.	Gasketing		Pcs	6						
442.	Glue compound		Pcs	2						
443.	Glue compound		Pcs	2						
444.	Gasketing		Pcs	1						
445.	Reversing chamber		Pcs	1						
446.	Water separator		Pcs	3						
447.	Screw		Pcs	12						

448.	Screw		Pcs	225						
449.	Screw		Pcs	2						
450.	Washer		Pcs	80						
451.	Screw		Pcs	80						
452.	Screw		Pcs	40						
453.	Screw		Pcs	6						
454.	Screw		Pcs	6						
455.	Screw		Pcs	6						
456.	Blocking valve		Pcs	1						
457.	T- fitting		Pcs	2						
458.	Tap		Pcs	2						
459.	Torque wrench		Pcs	1						
460.	Torque wrench		Pcs	1						
461.	Torque wrench (150-800NM)		Pcs	1						
462.	Lifting device for cylinder head		Pcs	3						
463.	Sealing set		Pcs	3						
464.	Lifting tool for piston		Pcs	1						
465.	Extractor tool		Pcs	2						

466.	Tool screwdriver bit 5/16" 10x30		Pcs	3						
467.	Tool rectangular bit holder 5/16"		Pcs	3						
468.	Big end bearing assembly tool		Pcs	1						
469.	Hydraulic pump,foot operated		Pcs	3						
470.	Hydraulic hose, compl		Pcs	3						
471.	Hydraulic hose, compl		Pcs	3						
472.	Pin for turning and tightening		Pcs	1						
473.	Hydraulic Tool,M42		Pcs	4						
474.	Hydraulic Tool,M56		Pcs	4						
475.	Sealing set		Pcs	5						
476.	Testing device for injection valves		Pcs	1						
477.	Adapter		Pcs	1						
478.	Injection chamber		Pcs	1						

479.	Piston overhaul set contains: Part No. Description Qty 120070 Sealing kit for cylinder head 1 pcs/set total 54 Pcs 124044 Sealing ring 1 pcs/set total 54 Pcs 124010 Hose Gasket 1 pcs/set total 54 Pcs 124011 Hose Gasket 1 pcs/set total 54 Pcs ORING GASKET 2 pcs/set total 108 pcs 107 195 O-ring 8pcs/set total 432 Pcs 100 095 O-ring 4 pcs/set total 216 Pcs 100 101 Anti-polishing ring 1 pcs/set total 54 Pcs 113 013 Piston ring kit 1 pcs/set total 54 Pcs 113 023 O-ring 1 pcs/set total 54 Pcs		Pcs	54					
480.	Screw		Pcs	24					
481.	Nut		Pcs	24					
482.	Gasket		Pcs	2					

483.	Bellows		Pcs	1						
484.	Rail		Pcs	12						
485.	Screw		Pcs	2						
486.	Nut		Pcs	2						
487.	Screw		Pcs	6						
488.	Screw		Pcs	16						
489.	Screw		Pcs	42						
490.	Screw		Pcs	36						
491.	Distance sleeve		Pcs	12						
492.	O ring band		Pcs	10						
493.	Pipe		Pcs	2						
494.	Reduction union		Pcs	2						
495.	Silencer		Pcs	2						
496.	Diffuser		Pcs	1						
497.	Filter ring (1)		Pcs	2						
498.	Turbine diffuser		Pcs	1						
499.	Air pipe		Pcs	2						
500.	Flexible hose		Pcs	2						
501.	Flexible hose		Pcs	1						

502.	Hose		Pcs	12						
503.	Repair kit		Pcs	2						
504.	Sealing set		Pcs	1						
505.	Actuator		Pcs	3						
506.	Sealing ring		Pcs	6						
507.	Sealing ring		Pcs	12						
508.	Screw		Pcs	24						
509.	Screw		Pcs	8						
510.	Sealing kit		Pcs	2						
511.	Repair kit		Pcs	2						
512.	Butterfly valve + positioner (1)		Pcs	1						
513.	Bellows		Pcs	2						
514.	Sealing ring		Pcs	8						
515.	Bolt		Pcs	48						
516.	Nut		Pcs	48						
517.	Sealing set		Pcs	6						
518.	Support ring		Pcs	8						
519.	Square ring		Pcs	20						
520.	Guide ring		Pcs	2						

521.	O ring		Pcs	6						
522.	O-ring		Pcs	12						
523.	Pipe coupling		Pcs	6						
524.	O ring		Pcs	2						
525.	Pipe coupling		Pcs	1						
526.	Pipe coupling		Pcs	2						
527.	O-ring		Pcs	6						
528.	Pipe union		Pcs	1						
529.	Gasket		Pcs	2						
530.	O-ring		Pcs	8						
531.	O-ring		Pcs	6						
532.	O-ring		Pcs	6						
533.	O-ring		Pcs	3						
534.	Reducing union		Pcs	3						
535.	Connector		Pcs	3						
536.	Oil pipe		Pcs	1						
537.	Oil pipe		Pcs	1						
538.	Oil pipe		Pcs	1						
539.	Oil pipe		Pcs	1						

540.	Oil pipe		Pcs	1						
541.	Oil pipe		Pcs	1						
542.	Guide ring		Pcs	114						
543.	O ring		Pcs	114						
544.	O ring		Pcs	114						
545.	Reataining ring		Pcs	1						
546.	O ring		Pcs	3						
547.	O ring		Pcs	5						
548.	Sleeve		Pcs	2						
549.	O-ring		Pcs	4						
550.	Sleeve		Pcs	1						
551.	Sealing ring		Pcs	2						
552.	Solenoid valve body		Pcs	1						
553.	Thermoelement		Pcs	10						
554.	Filter		Pcs	288						
555.	Kit-EG200		Pcs	3						
556.	Solenoid valve, Stop 1		Pcs	3						
557.	Solenoid valve, Stop 2		Pcs	3						
558.	Solenoid valve, start		Pcs	1						

559.	Solenoid valve, slow turning device		Pcs	1						
560.	Combi Degreaser, Wartsila for Charge air cooler cleaning		Pcs	9						
561.	Valve Set Ring Exhaust		Pcs	12						
562.	O-ring		Pcs	60						
563.	MAIN BEARING PAIR		Pcs	4						
564.	O-ring		Pcs	8						
Total Price of the Goods (Euro/USD) and BDT										
Point of Delivery as per Schedule of Requirement:Gazipur 105MW HFO Fired Power Plant										

Not For Submission

B,		Auxiliary spare (Mechanical)									
1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Country of Origin	Unit of Measurement	Quantity	Unit Price CIP (Chittagong Seaport/Dhaka Airport) [FC]	CIP price per Line Item (Col. 5 x 6) [F/C]	Inland transportation and other local costs for the delivery of the Goods to Gazipur Power Plant [BDT]	VAT Payable on account of Supplier if the Contract is awarded and If applicable as per VAT Act.)	Total Price per line item		
									FC (Col 7)	BDT(Col 8+9)	
1.	Filter element		Pcs	6							
2.	Gasket		Pcs	116							
3.	Gasket set		Pcs	5							
4.	Filter candle		Pcs	344							
5.	Gasket set		Pcs	1							
6.	Gasket for channel		Pcs	310							
7.	Minor kit		Pcs	6							
8.	Minor kit		Pcs	3							
9.	LT water booster pump		Pcs	3							
10.	Screw pump		Pcs	1							
11.	Air filter		Pcs	2							
12.	Air venting valve		Pcs	1							
13.	Ball valve		Pcs	1							
14.	Flow meter		Pcs	1							
15.	Pressure regulato		Pcs	6							
16.	Screw pump		Pcs	1							
17.	Butterfly valve,		Pcs	2							
18.	Air venting valve		Pcs	2							

19.	Butterfly valve,		Pcs	2						
20.	Butterfly valve,		Pcs	2						
21.	Air venting valve		Pcs	2						
22.	Shut-off valve		Pcs	1						
23.	Non-return valve		Pcs	1						
24.	Flowtube kit		Pcs	4						
25.	Valve kit		Pcs	2						
26.	Stem seal kit		Pcs	1						
27.	Gasket set		Pcs	6						
28.	Gasket set		Pcs	3						
29.	Spare part set		Pcs	2						
30.	Gasket set		Pcs	3						
31.	Positioner		Pcs	1						
32.	Packing ring		Pcs	1						
33.	Gasket		Pcs	1						
34.	Gasket kit		Pcs	12						
35.	Gasket kit		Pcs	4						
36.	Safety valve		Pcs	6						
37.	Air venting valve		Pcs	2						
38.	Stop valve		Pcs	2						
39.	Control valve, assembly		Pcs	1						
40.	Centrifugal pump		Pcs	2						
41.	Gasket kit		Pcs	5						
42.	Spare part kit		Pcs	2						
43.	Spare part kit		Pcs	1						
44.	Spare part kit		Pcs	4						
45.	Joint kit		Pcs	2						
46.	Ball bearing		Pcs	7						
47.	Guide pin		Pcs	1						

48.	Screw pump		Pcs	2						
49.	Air filter, complete		Pcs	2						
50.	Diaphragm pump		Pcs	3						
51.	Safety valve		Pcs	12						
52.	Stop valve		Pcs	3						
53.	Ball valve		Pcs	2						
54.	Pressure relief valve		Pcs	6						
55.	Stop valve		Pcs	2						
56.	Rotor kit		Pcs	1						
57.	Sealing kit		Pcs	1						
58.	Joint kit		Pcs	2						
59.	Spare part kit		Pcs	2						
60.	Spare part kit		Pcs	4						
61.	Rotor kit		Pcs	1						
62.	Minor kit		Pcs	1						
63.	Screw pump		Pcs	1						
64.	Diaphragm pump		Pcs	3						
65.	Pressure relief valve		Pcs	1						
66.	Pressure reducing valve		Pcs	1						
67.	Air filter, complete		Pcs	2						
Total Price of the Goods (Euro/USD) and BDT										
Point of Delivery as per Schedule of Requirement:										

C,		Electrical Spares									
1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Country of Origin	Unit of Measurement	Quantity	Unit Price CIP (Chittagon g Seaport/Dh aka Airport) [FC]	CIP price per Line Item (Col. 5 x 6) [F/C]	Inland transportation and other local costs for the delivery of the Goods to Gazipur Power Plant [BDT]	VAT Payable on account of Supplier if the Contract is awarded and If applicable as per VAT Act.)	Total Price per line item		
									FC (Col 7)	BDT (Col 8+9)	
1.	Turning Gear VFD		Pcs	2							
2.	DC-auxiliary relay package		Pcs	4							
3.	Electronic unit IOM		Pcs	1							
4.	AC-auxiliary relay		Pcs	2							
5.	Mini hooter		Pcs	2							
6.	Radiator motor		Pcs	2							
7.	Auxiliary contact		Pcs	2							
8.	Motor circuit breaker		Pcs	4							
9.	Solenoid valve (for sludge pump)		Pcs	2							
10.	Contacto		Pcs	2							
11.	Contacto		Pcs	2							
12.	Contacto		Pcs	2							

13.	Motor starter		Pcs	2						
14.	Motor starter		Pcs	2						
15.	Motor starter		Pcs	2						
16.	Motor starter		Pcs	2						
17.	Ethernet switch		Pcs	1						
18.	Power supply		Pcs	1						
19.	Control voltage		Pcs	1						
20.	Contactora		Pcs	2						
21.	Power supply		Pcs	1						
22.	Beacon base and cap		Pcs	2						
23.	LED module		Pcs	2						
24.	LED module		Pcs	2						
25.	LED module		Pcs	2						
26.	UIF Display(24VDC battery system)		Pcs	1						
27.	Measure Transducer		Pcs	1						
28.	Surge arrester		Pcs	2						
29.	Battery		Pcs	2						
30.	MCB		Pcs	2						
31.	Power distribution		Pcs	2						
32.	Cylinder control		Pcs	2						
33.	IP converter		Pcs	3						
34.	Main control unit		Pcs	1						
35.	Engine safety module		Pcs	1						
36.	Patch cord		Pcs	1						
37.	Emergency stop push-button		Pcs	2						

38.	Body/ contact block		Pcs	2					
39.	Solenoid valve		Pcs	4					
40.	Voltage		Pcs	1					
41.	Solenoid valve(Dity leak pump)		Pcs	1					
42.	Contactora(CAF)		Pcs	1					
43.	Overload(CAF)		Pcs	1					
44.	Miniature circuit		Pcs	2					
45.	Miniature circuit		Pcs	2					
46.	Miniature circuit		Pcs	2					
47.	Speed pick-up(TC speed sensor)		Pcs	2					
48.	Exh gas temperature		Pcs	10					
49.	Exh gas temperature		Pcs	10					
50.	Humidity and temperature transmitter		Pcs	1					
51.	Pressure transmitter		Pcs	2					
52.	Pressure transmitter		Pcs	2					
53.	Temperature sensor		Pcs	2					
54.	Pressure transmitter		Pcs	2					
55.	Pressure Transmitter		Pcs	2					
56.	Temperature Sensor		Pcs	1					
57.	Temperature Sensor		Pcs	1					
58.	Proximity Switch		Pcs	4					
59.	Proximity Switch / Speed Pick Up		Pcs	8					
60.	Pressure sensor for VIC		Pcs	2					

61.	Level sensor (clean leak fuel)	Pcs	2						
62.	Level sensor (dirty leak fuel)	Pcs	2						
63.	PT100 for stator	Pcs	2						
64.	Main bearing	Pcs	6						
65.	Sensor pocket(cynexg gas sensor)	Pcs	6						
66.	CAF rotation	Pcs	1						
67.	Control valve,	Pcs	2						
68.	HFO feeder motor	Pcs	1						
69.	Feeder VFD	Pcs	1						
70.	Solenoid valve(Feeder unit shut off valve)	Pcs	1						
71.	Oil mist separator VFD	Pcs	2						
72.	Solenoid valve(TC wash)	Pcs	1						
73.	Solenoid valve(TC wash)	Pcs	1						
74.	Expansion vessel level	Pcs	1						
75.	Solenoid valve (FO	Pcs	1						
76.	Starting air drain valve	Pcs	2						
77.	Temperature sensor, complete(FO Booster unit)	Pcs	2						
78.	Level switch(mixing tank)	Pcs	1						
79.	Complete flow	Pcs	1						

80.	Actuator (FO booster steam control valve)		Pcs	2						
81.	Positioner(FO booster steam control valve)		Pcs	2						
82.	Differential Pressure Indicator(Booster and feeder unit FO filter)		Pcs	2						
83.	Solenoid valve (FO Booster unit 3-way		Pcs	2						
84.	Pressure		Pcs	2						
85.	Solenoid valve (autofilter)		Pcs	1						
86.	Coil(autofilter)		Pcs	2						
87.	Connector		Pcs	1						
88.	Differential Pressure Indicator(LO autofilter)		Pcs	2						
89.	Differential Pressure Indicator(LO backflushing filter)		Pcs	2						
90.	Limit switch(autofilter)		Pcs	1						
91.	Cynexh gas temperature sensor		Pcs	18						
92.	Liner temperature sensor		Pcs	6						
93.	BEB sensor converter		Pcs	1						
94.	Wire break Resistor (for ESM 21)		Pcs	8						

95.	Pressure sensor (TC LO inlet)		Pcs	4						
96.	Limit switch (Stop lever)		Pcs	2						
97.	TC sensor cable socket (from connector to WTB box)		Pcs	2						
98.	Oil mist detector air filter		Pcs	4						
99.	Protecting well (for TE 101)		Pcs	2						
100.	Shut-off valve		Pcs	1						
101.	Solenoid valve (for LFO cooler)		Pcs	2						
Total Price of the Goods (Euro/USD) and BDT										
Point of Delivery as per Schedule of Requirement:										

Not For Submission

D.		HFO/LO Separator Spare									
1	2	3	4	5	6	7	8	9	10	11	
Line Item No.	Description of Item	Country of Origin	Unit of Measurement	Quantity	Unit Price CIP (Chittagong Seaport/Dhaka Airport) [FC]	CIP price per Line Item (Col. 5 x 6) [F/C]	Inland transportation and other local costs for the delivery of the Goods to Gazipur Power Plant [BDT]	VAT Payable on account of Supplier if the Contract is awarded and If applicable as per VAT Act.)	Total Price per line item	Total Price per line item	
									FC (Col 7)	BDT (Col 8+9)	
1.	DISTRIBUTOR		Pcs	1							
2.	TOP DISC		Pcs	1							
3.	INSPECTION KIT.		Pcs	2							
4.	FLEXIBLE HOSE KIT		Pcs	1							
5.	BOWL SPINDLE		Pcs	1							
6.	BALL BEARING		Pcs	1							
7.	BEARING SEAT		Pcs	1							
8.	HELICAL SPRING		Pcs	3							
9.	TOP BEARING HOUSING		Pcs	1							
10.	RUBBER BUFFER		Pcs	1							
11.	LID		Pcs	1							
12.	SCREW		Pcs	6							
13.	LID		Pcs	1							
14.	SCREW		Pcs	6							
15.	SPINDLE PULLEY		Pcs	1							
16.	ROLLER BEARING		Pcs	1							
17.	OIL MIST GENERATOR		Pcs	1							
18.	NOZZLE		Pcs	2							

19.	AIR DEFLECTOR		Pcs	1						
20.	SCREW		Pcs	3						
21.	FAN		Pcs	1						
22.	O-RING		Pcs	2						
23.	*DG* BEARING GREASE		Pcs	1						
24.	Manual motor starter		Pcs	2						
25.	Manual motor starter		Pcs	2						
26.	Contactora		Pcs	2						
27.	Contactora		Pcs	2						
28.	Transformer		Pcs	2						
29.	Sludge tank level switch		Pcs	2						
30.	Solenoid valve for		Pcs	2						
31.	Pressure switch		Pcs	2						
32.	Manual motor starter		Pcs	2						
33.	INSPECTION KIT.		Pcs	2						
34.	REGULATING VALVE		Pcs	1						
35.	MOTOR (Separator		Pcs	1						
36.	ELCTRIC MOTOR (Feed		Pcs	1						
37.	Manual motor starter		Pcs	2						
38.	Manual motor starter		Pcs	2						
39.	Contactora		Pcs	2						
40.	Contactora		Pcs	2						
41.	Level sensor		Pcs	2						
42.	Feed pump VFD		Pcs	1						
Total Price of the Goods (Euro/USD)and BDT										
Point of Delivery as per Schedule of Requirement:										

Summary of Price Schedule for Goods (Form PG4-3B) Schedule1.1:

Sl. No	Name of the Lot	Price of Goods in FC (Euro/USD)	Price of Inland transportation and other local costs for the delivery of the Goods to Gazipur 105 MW HFO Fired Power Plant and VAT(BDT)
A.	Mechanical Spares		
B	Auxiliary spare (Mechanical)		
C	Electrical Spare		
D	HFO/LO Separator Spare		
Grand Total price of Schedule 1.1			

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

Price Schedule for Goods (Form PG4-3C) N/A

[Group B Tenders: Goods Manufactured outside Bangladesh, already imported]

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

1	2	3	3	4	5	6	7	8	9	10	11
Line Item No .	Descripti on of Item	Country of Origin	Unit of Measurement	Quantity	Unit price Including Custom Duties, import VAT & other import taxes already paid [Taka]	Custom Duties, import VAT & other import taxes already paid per unit [Taka]	Unit Price per line item net of Custom Duties, import VAT & other import taxes already paid [Taka] (Col. 5 – Col.6)	Price per line item net of Custom Duties, import VAT & other import taxes already paid [Taka] (Col.4X Col. 7)	Inland transportation , Insurance 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 (Col.8+ Col.9) [Taka]
<i>[Insert number of the item]</i>	<i>[Insert name of Goods]</i>	<i>[insert country of origin of the Good]</i>	<i>[Insert name of the Unit]</i>	<i>[Insert number of Unit to be supplied]</i>	<i>[Insert unit price including CD & all import taxes]</i>	<i>[Insert CD,VAT & import taxes paid per unit] to be</i>	<i>[insert unit price net of CD,VAT and import taxes]</i>	<i>[insert price per line item net of CD,VAT and import taxes]</i>	<i>[Insert corresponding price per line item]</i>	<i>[Insert Supplier's VAT if Contract is awarded]</i>	<i>[Insert total price per line item]</i>

Note : Price offered in Bangladesh Taka

Total Price for Lot

Point of Delivery as per Schedule of Requirement:

Period of Delivery as per Schedule of Requirement:

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

Schedule 1.2: Price and Completion Schedule for 12000 hrs Schedule Maintenance Works and Related Services (Form PG4-3D)

Invitation for Tender No:		Date:	
Tender Package No:		Package Description:	Procurement of Spare Parts, 12k Schedule Maintenance & Unscheduled Maintenance works of Gazipur 105 MW HFO Fired Power Plant.
Tender Lot No:		Lot Description:	Procurement of Spare Parts, 12k Schedule Maintenance & Unscheduled Maintenance works of Gazipur 105 MW HFO Fired Power Plant.

SI No	Description of work	Quantity	Unit	Unit Price (BDT)	Amount (BDT)	Remarks
A. Fixed Cost (Inspection, repair or replacements which are not condition based)						
1	12000 Hrs Scheduled Maintenance Works (as per OEM Guideline and Sl. No. 01 to 21 of attached Scope of work list)	3	lot			
2	Turbo charger Overhauling as per OEM Guideline and Sl. No.22 of attached Scope of work list.	6	nos			
Sub total (A)						
B. Contingency Schedule (Inspection, repair or replacements which are condition based. The quantity can be varied according to the condition)						
3	17 nos Big end bearing inspection, dismantling & assembling	3	lot			One unit of Connecting Rod checking is included in Fixed cost of 12K schedule maintenance. If required to check all units, the charge will be paid as per contingency Schedule.

4	Main lube oil pump servicing	3	nos			If pump housing is found wear, standard overhauling and parts replacement will be needed. The charge of overhauling/servicing will be paid as per contingency Schedule.
5	Cylinder Head sealing face machining	18	nos			Machining of sealing face and valve pocket will be considered as additional job (out of 12K schedule). If required price will be paid as per contingency Schedule.
6	Cylinder seat pocket cutting	6	nos			
7	Injector sealing face lapping	27	nos			
8	High pressure fuel injection pump's cover lapping	18	nos			
Sub total (B)						
Total (A+B)						
Total price of Schedule 1.2 BDT						
In word: Taka						

Note 1: Applicable IT and VAT to be included within the quoted price and it will be deducted at source from the contractor's invoice or bill during payment as per [GCC(PCC)(29.0)]

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

Schedule 1.3: Price and Completion Shchedule of Unschedule Maintenance Works of Gazipur 105MW HFO Fired Power Plant (Form PG4-3D)

SI No	Description of Works	Unit	Qty	Unit Price	Total Price
				(BDT)	(BDT)
1	Service engineer for Providing unscheduled break down maintenance service	Man-Hrs	800		
2	Superintendent engineer for Providing unscheduled break down maintenance service	Man-Hrs	300		
3	Specialist engineer for Providing unscheduled break down maintenance service	Man-Hrs	200		
Sub-Total price of Schedule 1.3					

Note 1: Hourly Charge shall also include Travelling Cost, accomodation, incidental cost, transportation, insurance of the experts shall be included in Schedule 1.3

Note 2: Applicable IT and VAT to be included within the quoted price and it will be deducted at source from the contractor's invoice or bill during payment as per [GCC(PCC)(29.0)]

Schedule 1.4: Price and Completion Shchedule for installation of online monitoring system for Gazipur 105MW HFO Fired Power Plant (Form PG4-3D)

SI No	Description of Works	Qty	Unit Price	Total Price
			(BDT)	(BDT)
1	Mobilization Fee	1		
2	Fixed Fee Per Month	12		
Sub-Total price of Schedule 1.4				

Note 1: This works will be performed under a tripartite agreement (Wartsila, RPCL & the contractor).

Note 2: Applicable IT and VAT to be included within the quoted price and it will be deducted at source from the contractor's invoice or bill during payment as per [GCC (PCC)(29.0)]

Schedule 1.5: Grand Summary of all price schedules

SI No	Description	Total BDT	Total Euro/USD
1.	Sub Total - Schedule 1.1: Price Schedule for Safety and Scheduled Maintenance Spare Parts (Form PG4-3B)		
2.	Sub Total - Schedule 1.2: Price and Completion Schedule for 12000hrs Schedule Maintenance Works and Related Services (Form PG4-3D)		
3.	Sub Total - Schedule 1.3: Price and Completion Shchedule of Unschedule Maintenance Works of Gazipur 105MW Power Plant (Form PG4-3D)		
4.	Sub Total - Schedule 1.4: Price and Completion Shcheduleforinstallation of online monitoring system for Gazipur 105MW Power Plant (Form PG4-3D)		
Total Price (in figure)			
Total Price (in Word)			

Note : Applicable IT and VAT to be included within the quoted price and it will be deducted at source from the contractor's invoice or bill during payment as per [GCC(PCC)(29.0)]

Specifications Submission and Compliance Sheet (Form PG4-4)

Invitation for Tender No:

Date:

Tender Package No:

Package Description: *[enter description as specified in Section 6]*

Tender Lot No:

Lot Description: *[enter description as specified in Section 6]*

Item No.	Name of Goods or Related Service	Country of Origin	Make and Model (when applicable)	Full Technical Specifications and Standards
1	2	3	4	5
	FOR GOODS			Note 1
	FOR RELATED SERVICES			

[The Tenderer should complete all the columns as required]

Signature:

<i>[insert signature of authorised representative of the Tenderer]</i>
--

Name:

<i>[insert full name of signatory]</i>
--

In the capacity of:

<i>[insert designation of signatory]</i>
--

Duly authorised to sign the Tender for and on behalf of the Tenderer

Manufacturer's Authorisation Letter (Form PG4 - 5)

[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, if so indicated in the TDS as stated under ITT Sub-Clause 26.1(b)]

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

WHEREAS

We *[insert complete name of Manufacturer]*,

who are official manufacturers 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 33 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]*

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

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

Title: *[insert title]*

Date: *[insert date of signing]*

Bank Guarantee for Tender Security (Form PG4 – 6)

[this is the format for the Tender Security to be issued by a scheduled bank of Bangladesh as stated under ITT Clauses 29 and 30]

Invitation for Tender No:

Date:

Tender Package No:

Tender Lot No:

To:

[Name and address of Purchaser]

TENDER GUARANTEE No:

We have been informed that *[insert name of Tenderer]* (hereinafter called "the Tenderer") intends to submit to you its Tender dated *[insert date of Tender]* (hereinafter called "the Tender") for the supply of *[description of goods and related services]* under the above Invitation for Tenders (hereinafter called "the IFT").

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

At the request of the Tenderer, 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 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 Instructions to Tenderers (ITT) ; or
- c. failed to furnish Performance Security within the period as 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 in accordance with the ITT; or

This guarantee will expire:

- (a) if the Tenderer is the successful Tenderer, upon our receipt of a copies of the contract signed by the Tenderer and 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

Seal

Letter of Commitment for Bank's Undertaking for Line of Credit (Form PG4-6A)

[This is the format for the Credit Line to be issued by any internationally reputable bank in accordance with ITT Clause 26.1(d)]

Memo No.:

Date:

Invitation for Tender No:

Date:

Tender Package No:

Lot No (when applicable):

To:

[Name and address of the Procuring Entity]

CREDIT COMMITMENT No: *[insert number]*

We have been informed that *[name of Tenderer]* (hereinafter called "the Tenderer") intends to submit to you its Tender (hereinafter called "the Tender") for the supply of Goods of *[description of Goods and related services]* under the above Invitation for Tenders (hereinafter called "the IFT").

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

At the request of, and arrangement with, the Tenderer, we *[name and address of the Bank]* do hereby agree and undertake that *[name and address of the Tenderer]* will be provided by us with a revolving line of credit, in case awarded the Contract, for the delivery of Goods and related services viz. *[insert name of supply]*, for an amount not less than *[name of currency(s)]* *[Amount in figure]* (*in words*) for the sole purpose of the supply of Goods and related services under the above Contract. This Revolving Line of Credit will be maintained by us until issuance of "**Acceptance Certificate**" by the Procuring Entity.

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

Name and Signature

Name and Signature

Notification of Award (Form PG4 - 7)

Contract No:

Date:

To:

[Name of Contractor]

This is to notify you that your Tender dated *[insert date]* for the supply of Goods and related Services for *[name of 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 Purchaser]*.

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 62.3
- ii. 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 Clause 67.2

You may proceed with the execution of the supply of Goods and related Services 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 Purchaser]*

Date:

Not For Submission

Contract Agreement (Form PG4 - 8)

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

WHEREAS the Purchaser invited Tenders for certain goods and related services, viz, [brief description of goods and related services] and has accepted a Tender by the Supplier for the supply of those goods and related services in the sum of BDT[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 following documents forming the Contract shall be in the following order of precedence, namely :
 - (a) the signed Form of Contract Agreement;
 - (b) the Notification of Award
 - (c) The Tender and the appendices to the Tender
 - (d) Particular Conditions of Contract;
 - (e) General Conditions of Contract;
 - (f) Technical Specifications;
 - (g) Drawings;
 - (h) Price Schedules and Schedule of Requirements and;
 - (i) other document including correspondences listed in the PCC forming part of the Contract
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and related services and to remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and related 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.

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 Purchaser:

For the Supplier:

Signature

Print Name

Title

In the presence
of Name
Address

Bank Guarantee for Performance Security (Form PG4 – 9)

[This is the format for the Performance Security to be issued by an internationally reputable bank and it shall have correspondent bank located in Bangladesh, to make it enforceable in accordance with ITT Sub-Clause 64.1 pursuant to Rule 27(4) of the Public Procurement Rules, 2008.]

Contract No:

Date:

To:

[Name and address of Purchaser]

PERFORMANCE GUARANTEE No: *[insert Performance Guarantee number]*

We have been informed that *[name of supplier]* (hereinafter called “the Supplier”) has undertaken, pursuant to Contract No *[reference number of Contract]* dated *[date of Contract]* (hereinafter called “the Contract”) for the supply of *[description of goods and related services]* under the Contract.

Furthermore, we understand that, according to your conditions, Contracts must be supported by a performance guarantee.

At the request of the Supplier, 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 Supplier 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.

[Signatures of authorized representatives of the bank]

Signature

Seal

Bank Guarantee for Advance Payment (Form PG4 – 10)

[this is the format for the Advance Payment Security to be issued by an internationally reputable bank and it shall have correspondent bank located in Bangladesh, to make it enforceable in accordance with GCC Clause 27.1]

Contract No:

Date:

To:

[Name and address of Purchaser]

ADVANCE PAYMENT GUARANTEE No:

We have been informed that *[name of supplier]* (hereinafter called “the Supplier”) has undertaken, pursuant to Contract No *[reference number of Contract]* dated *[date of Contract]* (hereinafter called “the Contract”) for the supply of *[description of goods and related services]* under the Contract.

Furthermore, we understand that, according to your Particular Conditions of Contract Clause 26.1, Advance Payment(s) on Contracts must be supported by a bank guarantee.

At the request of the Supplier, 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 Supplier 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 Purchaser and the Supplier, 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 *[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.

[Signatures of authorized representatives of the bank]

Signature

Seal

Personnel Information (Form PG4-11)

[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)]

A. Proposed Position (tick the relevant box)		
<input type="checkbox"/> Maintenance Expt (Elect.)	<input type="checkbox"/> Prime Candidate	<input type="checkbox"/> Alternative Candidate
<input type="checkbox"/> Maintenance Expt (Mech.)	<input type="checkbox"/> Prime Candidate	<input type="checkbox"/> Alternative Candidate
<input type="checkbox"/> Service Engineer	<input type="checkbox"/> Prime Candidate	<input type="checkbox"/> Alternative Candidate
<input type="checkbox"/> Superintending Engineer	<input type="checkbox"/> Prime Candidate	<input type="checkbox"/> Alternative Candidate
<input type="checkbox"/> Specialist	<input type="checkbox"/> Prime Candidate	<input type="checkbox"/> Alternative Candidate
B. Personal Data		
Name		
Date of Birth		
Years overall experience		
National ID Number		
Years of employment with the Tenderer		
Professional Qualifications:		
1.		
2.		
3.		
4.		
C. Present Employment [to be completed only if not employed by the Tenderer]		

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			

Section 6. Schedule of Requirements

Invitation for Tender No:	PUR-016/(FG/GPP 105MW/OTM)/2021-2022	Date:	10.03.2022
Tender Package No:	01	Package Description:	Procurement of Spare Parts, 12k Schedule Maintenance & Unscheduled Maintenance works of Gazipur 105 MW HFO Fired Power Plant.
Tender Lot No:	01	Lot Description:	Procurement of Spare Parts, 12k Schedule Maintenance & Unscheduled Maintenance works of Gazipur 105 MW HFO Fired Power Plant.

A. List of Goods and Delivery Schedule

When completing Form PG4-3A, 3B & 3C the Tenderer shall quote prices and contract delivery dates for each lot separately, as specified in the List of Goods and Delivery Schedule.

Item No.	Description of Item	Unit of Measurement	Quantity	Point of Delivery	of Delivery Date Required (in weeks)
For Goods:					
Description, Unit and Quantity as per Schedule 1.1: Price Schedule for Different types of Spare Parts (Form PG4-3B)					
Delivery Date:					
Within 150 (one hundred fifty) days from the date of opening LC					
Point of Delivery:					
Gazipur 105 MW HFO Fired Power Plant, kadda, Gazipur					

B. List of Related Services and Completion Schedule

When completing Form PG4-3D, the Tenderer shall quote prices and Completion date for services for each item against each lot

Item No.	Description of Item	Unit of Measurement	Quantity	Place where Services shall be performed	Final Completion Date(s) of Services
1	2	3	4	5	6
<p>For 12000Hrs Scheduled Maintenance Works: Description, Unit and Quantity as per : Price and Completion Schedule for 12000hrs Schedule Maintenance Works and Related Services (Form PG4-3D)</p> <p>For Maintenance Expert Service: Description, Unit and Quantity as per Schedule 1.3: Remuneration of the Experts involved in day to day maintenance service.</p> <p>Place where Services shall be performed Gazipur 105 MW HFO Fired Power Plant, kadda, Gazipur</p> <p>Final Completion Date(s) of Services For 12k Schedule Maintenance Service:</p> <ul style="list-style-type: none"> • 12000Hrs scheduled maintenance of 03 (Three) engines has to be completed within 01 (one) year from the date of Signing Contract. • The Contractor shall submit a Programme for the 12000 Hrs schedule maintenance Works before 7 days of the commencement of specific schedule maintenance. • 12000 Hrs schedule maintenance of Specific Engine shall be completed within 12 (Twelve) days from the date of commencement/shutdown. • The work shall be completed in 02 shifts per day. • Work report for each individual engine should be submitted after completion of work. <p>For Maintenance Expert Service: Unscheduled break down maintenance service will be as per on call basis and shall be ended after 01(one) year from the date of Contract Signing or 1300 man-hour whichever comes earlier.</p>					

Not For Submission

Section 7. Technical Specifications

7.0 Description of Plant

Rural Power Company Ltd has 105.00 MW HFO fired power plant at Gazipur. The Power Plant was commissioned on 25.05.2019. It has 06 identical Wartsila engine. The description of the unit is given below:

Detail Specification of Engine and Generator:

Engine: Manufacturer: Wartsila, Italy, Type & Configuration: V Engine, 18 Cylinder
Model: W 18V 50, Base Load: 18415 KW, Rated Speed: 500 rpm.

Generator: Manufacturer: ABB, Finland, Type: AMG 1600SS12 DSE Synchronous, Three phase, Brushless, Salient pole type, KVA rating: 23019KVA, Power factor: 0.8

Leading & Lagging KVAR capability:

Steady state reactive loading at zero excitation: 6950 KVAR (leading)

Steady state reactive loading at rated excitation: 19750 KVAR (lagging)

7.1 Scope of Supply, Works & Services

The scope of the Tender comprises with supply of Goods (Spare parts for Safety and Scheduled Maintenance) and 12000hrs Scheduled Maintenance Service of 03 nos of Engines (Engine#1, Engine#2 and Engine#5), Unschedule Maintenance Works& installation of online monitoring system of the Gazipur 105 MW HFO Fired Power Plant.

7.2 Supply of Safety and Scheduled Maintenance Spare Parts:

The list of Safety & Scheduled Maintenance Spare Parts comprises with Mechanical Spares, Auxiliary spare (Mechanical), Electrical Spare and HFO/LO Separator Spare. These items shall comply with following Technical Specifications:

7.2 A: Mechanical Spares

Item No.	Name of Spares	Technical Standards	Specification and
1.	Side screw		100004
2.	Stud		100007
3.	Stud		100038
4.	Cylindrical pin		100063
5.	Nut		100089
6.	Nut		100091
7.	Screw		100092
8.	Screw		100094
9.	Cylinder liner		100100
10.	Anti-polishing ring		100101
11.	Guiding washer		100102
12.	O-ring		100109

13.	O-ring	100111
14.	Bearing bush	100115
15.	Locking plate	100131
16.	Sealing ring	100218
17.	O-ring	100237
18.	Hydraulic jack, compl.	101053
19.	Washer	101063
20.	Screw	101071
21.	Gasket set	101110
22.	Suction screen	101131
23.	Screw	101163
24.	Screw	101185
25.	Hose gasket	107035
26.	O-ring	107040
27.	Gasket	107087
28.	Relief valve, compl	107090
29.	Reduction union	107098
30.	T-union	107099
31.	Male stud	107105
32.	Distribution piece	107107
33.	Male stud	107110
34.	Crankcase Cover	107122
35.	Hose gasket	107123
36.	Angle union	107124
37.	O-ring	107125
38.	Nozzle pipe	107126
39.	Screw	107143
40.	Screw	107146
41.	Screw	107150
42.	Angle union	107152
43.	Straight union	107153
44.	Lubricating oil pipe	107154
45.	Lubricating oil pipe	107155
46.	Lubricating oil pipe	107156
47.	Lubricating oil pipe	107158
48.	Lubricating oil pipe	107159
49.	Lubricating oil pipe	107160
50.	Washer	107171
51.	Pipe	107186
52.	O-ring gasket	107195
53.	Crankcase Cover	107196
54.	Crankcase cover with blind flange(2)	107198
55.	V-ring	107218
56.	Reduction union	107282

57.	Oil pipe	107283
58.	Oil pipe	107284
59.	Cover	107409
60.	Cylindrical pin	107496
61.	Cylindrical pin	107497
62.	Sealing ring	107499
63.	Angle union	107501
64.	Drain pipe	107502
65.	Ring	107503
66.	Washer	107504
67.	Hexagon screw	107505
68.	Washer	107509
69.	Crankcase cover	107592
70.	Counterweight	110011
71.	Stud	110012
72.	Nut	110013
73.	Cylindrical pin	110019
74.	Connecting rod, lowerPart	111004
75.	Nut	111006
76.	Screw	111007
77.	Shim	111018
78.	Bearing bush	111025
79.	Big end bearing kit	111037
80.	Big end bearing housing spare part kit Set contains 111 004 Connecting rod, lower part 1 pc/set total 2pc 111 018 Shim 1 pc/set total 2pc 111 037 Big end bearing kit 1 pc/set total 2pc	111038
81.	Piston crown	113001
82.	Screw	113009
83.	Piston ring kit	113013
84.	Gudgeon pin	113014
85.	Sleeve	113018
86.	Piston skirt	113021
87.	O-ring	113023
88.	Piston, compl	113025
89.	Nut	113027
90.	Flywheel indicator	114010
91.	Lubricating oil pipe	120005
92.	Seat ring, inlet	120012
93.	Sealing rin	120016
94.	Cylinder head, with valves	120055
95.	Sealing ring	120058
96.	Sealing kit for cylinder	120070

	head	
97.	Repair kit for cylinder head overhalu	120080
98.	Valve guide	120081
99.	Seat ring, exhaust	120103
100.	Sleeve	120202
101.	Plug	120225
102.	Plug	120226
103.	Sealing ring	120227
104.	Sealing ring	120228
105.	Connection flange	120229
106.	Screw	120230
107.	Sealing ring	120233
108.	plug	120234
109.	Sealing ring	120245
110.	Inlet valve	121007
111.	Valve spring, outer	121008
112.	Valve spring, inne	121009
113.	Exhaust valve	121010
114.	Valve rotator, compl.	121030
115.	Disc spring	121014
116.	Locking ring	121015
117.	Ball	121017
118.	Slide O-ring	123004
119.	Spring	123005
120.	Housing	123006
121.	Piston	123007
122.	Slide O-ring	123008
123.	Spindle	123009
124.	O-ring	123010
125.	Sealing ring	123025
126.	Yoke	123030
127.	Stud	123031
128.	Nut	123032
129.	Sealing kit for starting valve	123035
130.	Angle union	123049
131.	Reduction union	123050
132.	Washe	123051
133.	O ring	123461
134.	Screw	123462
135.	O ring	123463
136.	O ring	123464
137.	Air pipe	123465
138.	Straight lead-through	123466
139.	O ring	123469

140.	O ring	123470
141.	Starting valve	123471
142.	Extension piece	123472
143.	Dummy for starting valve	123476
144.	Cover	124009
145.	Hose gasket	124010
146.	Hose gasket	124011
147.	O ring	124022
148.	Screw	124028
149.	Clamping ring, compl	124037
150.	Thread element	124038
151.	Washer	124041
152.	Sealing ring	124042
153.	Sealing ring	124044
154.	Cap, comp	124050
155.	Hand wheel pin	124053
156.	Hand wheel	124055
157.	Spring washer	124056
158.	Washer	124079
159.	O ring	124145
160.	O ring	124161
161.	O ring	124162
162.	Safety valve	125010
163.	Sealing ring	125025
164.	Yoke	125030
165.	Indicator valve, compl.	125445
166.	Large intermediate gear	131001
167.	Cylindrical pin	131004
168.	Cylindrical pin	131008
169.	Small intermediate gear	131009
170.	O-ring	131011
171.	O-ring	131014
172.	Thrust bearing	131017
173.	Round nut	131018
174.	Shaft plate	131020
175.	O-ring	131024
176.	Guiding pin, long version	141006
177.	Valve tappet	141025
178.	Tappet rolle	141030
179.	Spring pin	141033
180.	Valve tappet with roller (long guiding pin included)	141037
181.	Hydraulic valve tappet(1)	141038
182.	Gasket	141049
183.	Sealing	141052

184.	Sealing	141053
185.	Sealing ring	141066
186.	Distance sleeve	143004
187.	Ball seat	143008
188.	Securing spring	143011
189.	Thrust piece	143013
190.	Axle	143017
191.	Screw	143019
192.	Screw	143024
193.	O-ring	143037
194.	Rocker arms and bracket	143039
195.	Stud	143042
196.	O-ring	143052
197.	Flange	143053
198.	Screw	143054
199.	Extension piece **	148005
200.	Bearing part	148031
201.	Bearing part	148032
202.	Snap ring	148035
203.	Guiding pin	148036
204.	Bearing part	148037
205.	Bearing part	148061
206.	Extension piece *	148063
207.	Camshaft piece *	148097
208.	Camshaft piece **	148099
209.	Distance piece	148210
210.	Stud	148211
211.	Stud	148212
212.	Stud	148213
213.	Nut	148214
214.	Angle union	156156
215.	Male stud	156159
216.	Male stud	156160
217.	O-ring	156675
218.	Screw	156676
219.	Pipe	156677
220.	Washer	156729
221.	Tappet Compl.	161040
222.	Hand wheel	162035
223.	Al profile	162064
224.	Al profile	162069
225.	Distance piece	162335
226.	Distance piece	162336
227.	Pin	162337

228.	O-ring	165003
229.	Rack	165008
230.	Piston, main delivery valve	165010
231.	Piston, constan pressure valve	165012
232.	Sealing ring	165020
233.	Core plug	165021
234.	Spring	165027
235.	Pin	165094
236.	Pump element	165102
237.	Spring	165109
238.	Control sleeve	165125
239.	Retaining ring	165133
240.	Sealing ring	165160
241.	Rack, compl.	165172
242.	Shot, tappet	165174
243.	Sealing kit for pump overhaul	165178
244.	Plug	165200
245.	Sealing ring	165202
246.	Flange, compl	165207
247.	Cylinder	165223
248.	Seal	165225
249.	Screw	165226
250.	Spring plate	165228
251.	Wire	165237
252.	Stop washer	165238
253.	Screw	165239
254.	O-ring	165458
255.	O-ring	165459
256.	Nut	167002
257.	Housing	167006
258.	Adjusting screw	167007
259.	Spring	167010
260.	Dowel pin	167012
261.	Nozzle nut	167017
262.	Connection piece	167035
263.	Sealing kit	167046
264.	Friction Ring Pair 25*30	167133
265.	Main injection pipe, compl.	167150
266.	Nozzle	167167
267.	Pipe	167295
268.	Reduction union	167296
269.	Straight lead-through	167297
270.	stud	167308
271.	Hexagon socket screw	167412

272.	O-ring	167461
273.	plug	167502
274.	Sealing ring	167503
275.	Male stud	167510
276.	Clamping ring	181206
277.	Valve kit	181246
278.	LT water pump, compl.	191008
279.	HT water pump, compl. *	191009
280.	Gasket	191044
281.	Clamping ring, compl	191046
282.	Shaft	191057
283.	Cylindrical roller bearing	191060
284.	Spherical roller bearing	191061
285.	Shaft (5)	191206
286.	Cylindrical roller bearing	191209
287.	Spherical roller bearing	191210
288.	Clamping ring, compl	191220
289.	Friction ring	191222
290.	Gasket	191224
291.	Sealing kit	191235
292.	Sealing kit	191236
293.	Pump shaft replacement set contains: 191206 shaft 1 Pc/Set total 2 pcs 191235 sealing kit 1 Pc/Set total 2 pcs	191259
294.	Nut	200327
295.	Bellows	200328
296.	Screw	200329
297.	Gasket	200333
298.	Washer	200334
299.	Screw	200338
300.	Nut	200339
301.	Sealing ring	200340
302.	Screw	200369
303.	Bellows	200378
304.	Hexagon Head screw	200402
305.	Locking plate	200564
306.	Screw	200624
307.	Support plate	200625
308.	Nut	207077
309.	Butterfly valve DN200	207169
310.	Pilot valve, compl. (1)	207313
311.	Filter	207927
312.	Sealing kit, DN 200	207997
313.	O ring	211026

314.	Starting air distributor, compl.	211027
315.	O ring	211029
316.	Stop lever, complete	213005
317.	Bearing bush	213006
318.	Compression spring	213007
319.	Gear segmen	213012
320.	Lever	213014
321.	Link lever	213016
322.	Locking lever	213024
323.	Bearing bush	213025
324.	Nut	213056
325.	Spring pin	213527
326.	Ball joint	213018
327.	Nut	213020
328.	Spare part kit	220396
329.	Oil level gauge	220562
330.	Booster servomotor compl.	223110
331.	Pipe	223238
332.	Pipe	223239
333.	Pipe	223242
334.	Pipe	223243
335.	Pipe	223341
336.	Pipe	223343
337.	Screw	224007
338.	Connection bar, comp	224009
339.	Connection bar, comp	224011
340.	Connection bar, comp	224012
341.	Bearing Bush	224016
342.	Pin	224024
343.	Sleeve	224026
344.	End piece	224052
345.	End piece	224053
346.	Spring	224057
347.	Elastic link rod, compl	224060
348.	Ball join	224085
349.	Spring pin	224086
350.	Nut	224097
351.	Spring	224159
352.	Nut	224167
353.	Nut	224168
354.	Nut left	224187
355.	Air pipe	228029
356.	Air pipe	228030
357.	Banjo fitting	228036

358.	Air pip	228057
359.	Air pipe	228058
360.	Air pipe	228059
361.	Air pipe	228060
362.	Air pipe	228069
363.	Banjo fitting	228185
364.	Banjo fitting	228190
365.	Non-return valve	228196
366.	Ball valve	228211
367.	Repair kit for air filter	228221
368.	Pipe	228256
369.	Air pipe	228270
370.	Pipe union	228343
371.	Air pipe	228361
372.	Air inlet pipe	228363
373.	Valve	228424
374.	Nipple	228425
375.	Reduction Union	228469
376.	Air pipe	228475
377.	O-ring	350057
378.	Screw	350072
379.	Plug	350073
380.	Distributor housing	350100
381.	O-ring	350101
382.	Sealing ring	350106
383.	O-ring	350107
384.	O-ring	350109
385.	Support ring	350110
386.	Flange	350111
387.	Hexagon socket head cap screw M12x60	350149
388.	Guide ring	350156
389.	Screw	350177
390.	Hexagon socket head cap screw M12x60	350505
391.	O-ring	350506
392.	O-ring	350512
393.	Guide ring	350513
394.	O-ring	350514
395.	Support ring	350515
396.	Screw	350517
397.	Screw	350518
398.	O-ring	350568
399.	O-ring	352393
400.	O-ring	352420
401.	O-ring	352421

402.	Male Stud	352783
403.	Pipe coupling	354037
404.	Pipe coupling	355014
405.	Pipe coupling	355065
406.	Pipe clump	355066
407.	Gasket	355121
408.	Gasket	355353
409.	Sleeve	355395
410.	Stud	355396
411.	Seal	356141
412.	Seal	356416
413.	Gasket	356417
414.	Repair kit	356434
415.	O-ring	357044
416.	Air pipe	357052
417.	Ball valve	357130
418.	Sealing ring	357241
419.	Male stud fitting	357263
420.	Male stud fitting	357264
421.	Air pipe	357496
422.	Air pipe	357497
423.	Air pipe	357498
424.	Air pipe	357499
425.	Air pipe	357500
426.	Bursting disc	357990
427.	O-ring	358121
428.	O-ring	358122
429.	O-ring	358123
430.	O-ring	358124
431.	Adapter	358137
432.	Adapter	358138
433.	Gasket	358152
434.	O-ring	358610
435.	Threadlock	387004
436.	Thread sealant	387006
437.	Thread locker	387007
438.	Silicone	387008
439.	Threadlocker	387017
440.	Silicone rubber seal	387025
441.	Gasketing	387027
442.	Glue compound	387030
443.	Glue compound	387034
444.	Gasketing	387062
445.	Reversing chamber	476037

446.	Water separator	476056
447.	Screw	476066
448.	Screw	476067
449.	Screw	476070
450.	Washer	476072
451.	Screw	476075
452.	Screw	476097
453.	Screw	476098
454.	Screw	476099
455.	Screw	476100
456.	Blocking valve	483180
457.	T- fitting	1561195
458.	Tap	802001
459.	Torque wrench	820008
460.	Torque wrench	820013
461.	Torque wrench (150-800NM)	820009
462.	Lifting device for cylinder head	832001
463.	Sealing set	834008
464.	Lifting tool for piston	835001
465.	Extractor tool	837047
466.	Tool screwdriver bit 5/16" 10x30	846022
467.	Tool rectangular bit holder 5/16"	846023
468.	Big end bearing assembly tool	846714
469.	Hydraulic pump,foot operated	860030
470.	Hydraulic hose, compl	860204
471.	Hydraulic hose, compl	860207
472.	Pin for turning and tightening	861146
473.	Hydraulic Tool,M42	861157
474.	Hydraulic Tool,M56	861158
475.	Sealing set	861159
476.	Testing device for injection valves	864001
477.	Adapter	864038
478.	Injection chamber	864040
479.	<p>Piston overhaul set contains:</p> <p>Part No. Description Qty</p> <p>120070 Sealing kit for cylinder head 1 pcs/set total 54 Pcs</p> <p>124044 Sealing ring 1 pcs/set total 54 Pcs</p> <p>124010 Hose Gasket 1 pcs/set total 54 Pcs</p> <p>124011 Hose Gasket 1 pcs/set total 54 Pcs</p> <p>ORING GASKET 2 pcs/set total 108 pcs</p> <p>107 195 O-ring 8pcs/set total 432 Pcs</p> <p>100 095 O-ring 4 pcs/set total 216 Pcs</p> <p>100 101 Anti-polishing ring 1 pcs/set total 54 Pcs</p> <p>113 013 Piston ring kit 1 pcs/set total 54 Pcs</p>	912003

	113 023 O-ring 1 pcs/set total 54 Pcs	
480.	Screw	1551426
481.	Nut	1551427
482.	Gasket	1551428
483.	Bellows	1551429
484.	Rail	1552109
485.	Screw	1552111
486.	Nut	1552112
487.	Screw	1552113
488.	Screw	1552114
489.	Screw	1552115
490.	Screw	1552117
491.	Distance sleeve	1552118
492.	O ring band	1552122
493.	Pipe	1561192
494.	Reduction union	1561199
495.	Silencer	1561208
496.	Diffuser	1562005
497.	Filter ring (1)	1562637
498.	Turbine diffuser	1562857
499.	Air pipe	1562876
500.	Flexible hose	1562877
501.	Flexible hose	1562878
502.	Hose	2071051
503.	Repair kit	2071106
504.	Sealing set	2071107
505.	Actuator	2071111
506.	Sealing ring	2071536
507.	Sealing ring	2071536
508.	Screw	2071538
509.	Screw	2071539
510.	Sealing kit	2071688
511.	Repair kit	2071689
512.	Butterfly valve + positioner (1)	2071692
513.	Bellows	2072723
514.	Sealing ring	2072727
515.	Bolt	2072729
516.	Nut	2072736
517.	Sealing set	3502279
518.	Support ring	3502706
519.	Square ring	3502707
520.	Guide ring	3502708
521.	O ring	3521018
522.	O-ring	3521065

523.	Pipe coupling	3521236
524.	O ring	3521254
525.	Pipe coupling	3521258
526.	Pipe coupling	3521262
527.	O-ring	3521269
528.	Pipe union	3521956
529.	Gasket	3521970
530.	O-ring	3522727
531.	O-ring	3523169
532.	O-ring	3523340
533.	O-ring	3523346
534.	Reducing union	3523474
535.	Connector	3523475
536.	Oil pipe	3523503
537.	Oil pipe	3523505
538.	Oil pipe	3523506
539.	Oil pipe	3523507
540.	Oil pipe	3523508
541.	Oil pipe	3523509
542.	Guide ring	3523545
543.	O ring	3523546
544.	O ring	3523547
545.	Reataining ring	3523552
546.	O ring	3523574
547.	O ring	3523575
548.	Sleeve	3541626
549.	O-ring	3551591
550.	Sleeve	3552213
551.	Sealing ring	3572106
552.	Solenoid valve body	3572689
553.	Thermoelement	5062003
554.	Filter	8039900246,AAF
555.	Kit-EG200	8934-717
556.	Solenoid valve, Stop 1	CV153-1
557.	Solenoid valve, Stop 2	CV153-2
558.	Solenoid valve, start	CV321
559.	Solenoid valve, slow turning device	CV331
560.	Combi Degreaser, Wartsila for Charge air cooler cleaning	
561.	Valve Set Ring Exhaust	120103
562.	O-ring	120242
563.	MAIN BEARING PAIR	910001
564.	O-ring	100088

7.2 B: Auxiliary spare (Mechanical)

ItemNo.	Name of Spares	Technical Standards	Specification and
1.	Filter element		B00055
2.	Gasket		B00186
3.	Gasket set		B00372
4.	Filter candle		B00405
5.	Gasket set		B00406
6.	Gasket for channel plates		B00503
7.	Minor kit		D00112
8.	Minor kit		D00454
9.	LT water booster pump		KD-32-160/2
10.	Screw pump		MOD005
11.	Air filter		MOD007
12.	Air venting valve		MOD051
13.	Ball valve		MOD074
14.	Flow meter		MOD096
15.	Pressure regulato complete		MOD143
16.	Screw pump		MOD150
17.	Butterfly valve, complete		MOD168
18.	Air venting valve		MOD189
19.	Butterfly valve, complete		MOD222
20.	Butterfly valve, complete		MOD291
21.	Air venting valve		MOD319
22.	Shut-off valve		NHC009
23.	Non-return valve		NHC010
24.	Flowtube kit		Q00058
25.	Valve kit		Q00059
26.	Stem seal kit		V00082
27.	Gasket set		V00215
28.	Gasket set		V00294
29.	Spare part set		V00444
30.	Gasket set		V00536
31.	Positioner		V00541
32.	Packing ring		V00647
33.	Gasket		V00648
34.	Gasket kit		B00536
35.	Gasket kit		D00200
36.	Safety valve		VDA007
37.	Air venting valve		VDA010
38.	Stop valve		VDA017
39.	Control valve, assembly		VDA056
40.	Centrifugal pump assembly		VDA068
41.	Gasket kit		B00520
42.	Spare part kit		B00569

43.	Spare part kit	B00631
44.	Spare part kit	D00197
45.	Joint kit	D00209
46.	Ball bearing	D00212
47.	Guide pin	D00214
48.	Screw pump	PCC002
49.	Air filter, complete	PCC016
50.	Diaphragm pump	PCC019
51.	Safety valve	PCC032
52.	Stop valve	PCC042
53.	Ball valve	PCC048
54.	Pressure relief valve	PCC067
55.	Stop valve	PCC070
56.	Rotor kit	B00543
57.	Sealing kit	B00546
58.	Joint kit	D00332
59.	Spare part kit	B00573
60.	Spare part kit	D00110
61.	Rotor kit	D00251
62.	Minor kit	D00475
63.	Screw pump	PCA008
64.	Diaphragm pump	PCA032
65.	Pressure relief valve	PCA110
66.	Pressure reducing valve	PCA178
67.	Air filter, complete	PCA204

7.2 C: Electrical Spares

1	2	3
Item No.	Name of Spares	Technical Specification and Standards
1.	Turning Gear VFD	Turning Gear VFD 502 1236 (134N5650,11kW(400V)/15HP (460V),In:3X380-500V,50/60Hz,22/19A,Out:3X0-Vin 0-590Hz 24/21A,Danfoss)
2.	DC-auxiliary relay package	DC-auxiliary relay package. RCMKITP-I 24VDC 4CO LD,24VDC,4CO,Weidmüller
3.	Electronic unit IOM	502 1000
4.	AC-auxiliary relay package	RCMKITP-I 115VAC 4CO

5.	Mini hooter	HP,auxiliary voltage 24VDC +10/-15%, article no. 212 203 13,FHF Funke+HusterFernsig
6.	Radiator motor	Type:AG 160L ZA8,3 phase,IEC:60034,In Cl(delta T)=H(B),IP55,S1,7.5kW,50Hz,delta 380- 420V,17.8-17.1A,720rpm,LAFERT
7.	Auxiliary contact	GV-AE11, TeSys GV2/GV3 Auxiliary
8.	Motor circuit breaker	GV2-P21, 17-23A, TeSys,Schneider Electric
9.	Solenoid valve (for sludge pump)	Model:SCE238D001MO,115VAC,50Hz, KV 2,4,NBR sealing,normallyclosed,ASCO
10.	Contactora	AF09-30-10-13,auxiliary voltage
11.	Contactora	AF65-30-00-13 ,auxiliary voltage
12.	Contactora	AF16-30-10-13 ,auxiliary voltage
13.	Motor starter	MS165-65,setting range 52...65A,ABB
14.	Motor starter	MS116-16.0 ,setting range 10...16A,ABB
15.	Motor starter	MS116-4 ,setting range 2.5...4.0A,ABB
16.	Motor starter	MS116-6.3,setting range 4...6.3A,ABB
17.	Ethernet switch	EDS-205A-M-SC,Moxa
18.	Power supply	Model:D-32825 MINI-PS-100-
19.	Control voltage transformer	TNR 24353,480-380/110/24VAC
20.	Contactora	Model:BC6-30-10,Manuf:ABB
21.	Power supply	QUINT-PS/1AC/24DC/ 5 ,voltage primary
22.	Beacon base and cap	LED-TLM-BC,MoflashSignalling
23.	LED module	LED-TLM-02-04, auxiliary
24.	LED module	LED-TLM-02-01, auxiliary voltage:
25.	LED module	LED-TLM-02-02, auxiliary
26.	UIF Display(24VDC battery system)	EFORE OYJ
27.	Measure Transducer	ACT20P-PRO DCDC II- S,1481970000 ,WEIDMULLER
28.	Surge arrester	SPCT2-460,T2,460VAC,20kA,EATON
29.	Battery	12V170FS,Powersafe,EnerSys
30.	MCB	TX3 2P,C20A,4035 29,legrand
31.	Power distribution module	PDM-20,502 977
32.	Cylinder control module	507 982
33.	IP converter	357 2559
34.	Main control unit	502 965/MCM-11
35.	Engine safety module	506 2264/ESM-20

36.	Patch cord	C233075,connector type 2LC-2LC duplex clip, fiber type MM,length 7.5m,ETD Finland
37.	Emergency stop push-button	ZB5AS844, color red,Schneider Electric
38.	Body/ contact block	ZB5AZ104, contact(s) 2NC,Schneider Electric
39.	Solenoid valve maintenance kit(CV 321)	452 100
40.	Voltage transformer(BJA panel)	PE 500VA, power 500VA,nominal voltage
41.	Solenoid valve(Dity leak pump)	Model:SCE238D001MO,Size:G 3/8",KV 2,4, NBR sealing, Normally closed,115VAC,50Hz,Manu:ASCO,
42.	Contactora(CAF)	LP1K0610BD,24V,Schneider electric
43.	Overload(CAF)	GV2ME05,0.63-1A,Schneider Electric
44.	Miniature circuit breaker	S201-C4, nominal current C4A,short circuit current 6kA,ABB
45.	Miniature circuit breaker	S201-C2,nominal current C2A,short circuit current 6kA,ABB
46.	Miniature circuit breaker	S201-C1,nominal current C1A,short circuit current 6kA,ABB
47.	Speed pick-up(TC speed sensor)	SE518
48.	Exh gas temperature sensor (TC inlet)	TE511
49.	Exh gas temperature sensor (TC outlet)	TE517
50.	Humidity and temperature transmitter	HMT337 wartsila 003,presure setting 100m-1001.31hPa,order code: HMT 330 7S1D011XCAB100A0EAAB1A1,Supply:1 0...35VDC,Output 2*4...20mA,CH1:x 0...40g/kg d.a,CH2:T - 40...60C,DTR502,Vaisala
51.	Pressure transmitter before HFO feeder pump	Model:MBS 3350 060G6163,0-6bar,4-20mA,Danfoss. PCA107
52.	Pressure transmitter before filter	Model:MBS 3350 060G5950,0-10bar,4-20mA,Danfoss. PCA109
53.	Temperature sensor after HFO feeder pump	Model: MN3304T100U+MN3324-75B12,-50+200C,Kongsberg. PCA043
54.	Pressure transmitter after filter	Model:MBS1900064G6611,0-16bar,4-20mA,Danfoss
55.	Pressure Transmitter	PT700
56.	Temperature Sensor	TE432
57.	Temperature Sensor	TE471
58.	Proximity Switch	GS792

59.	Proximity Switch / Speed Pick Up	ST174
60.	Pressure sensor for VIC	PT294A
61.	Level sensor (clean leak fuel)	LS103A
62.	Level sensor (dirty leak fuel)	LS108A
63.	PT100 for stator winding(Alternator AMG1600SS12 DSE (ABB))	PYR PT100LG10/3. wartsila part no. 9889291
64.	Main bearing temperature sensor	TE-710
65.	Sensor pocket(cynexg gas sensor)	506 3337
66.	CAF rotation sensor(inductive proximity type)	XS612B1NAL5,12-48VDC.Telemecanique
67.	Control valve, assembly at Preheater unit	VDA 056
68.	HFO feeder motor	PCA 009
69.	Feeder VFD	PCA 162
70.	Solenoid valve(Feeder unit shut off valve)	V00 195
71.	Oil mist separator VFD	B00 545
72.	Solenoid valve(TC wash)	NHC 004
73.	Solenoid valve(TC wash)	NHC 005
74.	Expansion vessel level switch	VEA 003
75.	Solenoid valve (FO Booster unit shut off	V00 133
76.	Starting air drain valve	PCC 084
77.	Temperature sensor, complete(FO Booster unit)	PCC 027
78.	Level switch(mixing tank)	PCC 020
79.	Complete flow meter(including control box)-	PCC 026
80.	Actuator (FO booster steam control valve)	V00 723
81.	Positioner(FO booster steam control valve)	V00 724
82.	Differential Pressure Indicator(Booster and feeder unit FO filter)	Type:4.36.2,0550047,Bollfilter,0.6/0.8bar
83.	Solenoid valve (FO Booster unit 3-way valve))	V00 195
84.	Pressure transmitter(mixing tank)	PCC 025
85.	Solenoid valve (autofilter)	2656655

86.	Coil(autofilter)	4206553
87.	Connector plug(autofilter)	4105912
88.	Differential Pressure Indicator(LO autofilter)	Type:4.36.2,0550001,Bollfilter,0.6/0.8bar
89.	Differential Pressure Indicator(LO backflushing filter)	Type:4.36.2,0550004,Bollfilter,1.5/2bar
90.	Limit switch(autofilter)	4200062
91.	Cynexh gas temperature sensor	506 2003
92.	Liner temperature sensor	506 2004
93.	BEB sensor converter	506 3537
94.	Wire break Resistor (for ESM 21)	150ohm,50W
95.	Pressure sensor (TC LO inlet)	PT 271
96.	Limit switch (Stop lever)	GS 171
97.	TC sensor cable socket (from connector to WTB box)	KPTC0PG10-6S-A34-MB-HA CS 1801
98.	Oil mist detector air filter	356 420
99.	Protecting well (for TE 101)	506 261
100.	Shut-off valve	NHC009
101.	Solenoid valve (for LFO cooler)	6519W6

7.2 D. HFO/LO Separator Spare

1	2	3
Item No.	Name of the Spares	Technical Specification and Standards
1.	DISTRIBUTOR	902102880
2.	TOP DISC	902018980
3.	INSPECTION KIT.	902360502
4.	FLEXIBLE HOSE KIT	900018843
5.	BOWL SPINDLE	56197701
6.	BALL BEARING	54874710
7.	BEARING SEAT	902673901
8.	HELICAL SPRING	56210903
9.	TOP BEARING HOUSING	902429302

10.	RUBBER BUFFER	902428480
11.	LID	902428301
12.	SCREW	902423901
13.	LID	902428201
14.	SCREW	902423901
15.	SPINDLE PULLEY	56414901
16.	ROLLER BEARING	54874403
17.	OIL MIST GENERATOR	58651301
18.	NOZZLE	54586903
19.	AIR DEFLECTOR	58004201
20.	SCREW	22171622
21.	FAN	56505702
22.	O-RING	22340629
23.	*DG* BEARING GREASE	900079401
24.	Manual motor starter	MS132,16-20A,ABB
25.	Manual motor starter	MS132,4-6.3A,ABB
26.	Contactora	AF09-30-10-11,24-60V50HZ/60HZ 20-60VDC,ABB
27.	Contactora	AF26-30-00-11,24-60V50HZ/60HZ 20-60VDC,ABB
28.	Transformer	Type: PE 300VA,Pri:415V,Sec:24V 12.5A,Trafomic
29.	Sludge tank level switch	HMDHI-V,V=80,Brand:Hemomatic
30.	Solenoid valve for sludge pump	SV6
31.	Pressure switch	MBC 5000,1411-1CB04,Range:-0.2/+10bar/-0.02/+1MPa,PB/MWP:15bar,AC15=0.5A,250V,DC13=12W,125V,Danfoss
32.	Manual motor starter	902102880
33.	INSPECTION KIT.	900401602
34.	REGULATING VALVE	57878708
35.	MOTOR (Separator Motor)	59972314
36.	ELCTRIC MOTOR (Feed Pump Motor)	900512504
37.	Manual motor starter	MS165,30-42A,ABB
38.	Manual motor starter	MS132,10-16A,ABB
39.	Contactora	AF16-30-10-11,24-60V50HZ/60HZ 20-60VDC,ABB
40.	Contactora	3RT50036-1A.0,Siemens

41.	Level sensor	MWI-025HM,Media temp:-20...+180C,Marking:47176,Wiring diagram:0.392,PN 15,IP:65,250VAC/5A,GHM-HONSBURG,Germany
42.	Feed pump VFD	VACON0100-3L-0016-4-X+A1133+FBIE+HMGR; Input: U1: 3AC 380-480V 50/60Hz, DC 400-800V; I1:15.4A Output: U2: 3AC 0-Input V 0-320Hz; I2: 16A; P2: 7.5kW; 400V

N.B.: 1) The supplied spare parts of Engine must be from the OEM of Engine (Wartsila).

2) The Supplied Separator items must be from Wartsila or Alfa Laval.

7.3 Scope of work of 12000 Hrs Scheduled Maintenance Works of Engine#01, 02 and 05 of Gazipur 105MW HFO Fired Power Plant. Engine Model: Wartsila W18V50

The designated, authorized and certified Engine maker's engineer & technician must accomplish 12K Scheduled maintenance services as per OEM Guideline. Major overhauling/maintenance works at 12000Hrs for Gazipur105 MW HFO Fired Power Plant shall be performed by authorized engineer & technician of Engine maker as per scope but not limited stated as below-

Sl. no.	Part/ System	Scope of work	Remarks
Mechanical			
1	Crankshaft	Check the crankshaft alignment on a warm engine	
2	Camshaft	Inspect the camshaft's contact faces.	
		Check the cams' and tappet rollers' contact faces	
		Check that the rollers rotate.	
3	Resilient mounting	Check the engine alignment.	
		Check the thrust rubber elements' compression.	
		Inspect according to the maintenance instructions for resilient installation.	
		Check the flexible coupling's alignment.	
4	Fuel injectors	Inspect the fuel injectors.	
		Replace the nozzles.	
		Check the effective needle lift.	
		Renew the O-rings.	
		Check the springs.	
		Adjust the needle opening pressure in a test pump.	
		Replace the complete fuel injector, if necessary	
		Lapping of sealing faces if required.	

5	Exhaust manifold	Inspect the expansion bellows.	
		Replace parts, if necessary.	
		Inspect the exhaust system's supports.	
6	Fuel system	Check and adjust the fuel system.	
		Check the pressure control valve's adjustment.	
7	Cylinder liners	Measure the bore of the liners. Replace liner if wear limits are exceeded.	
		Hone the liners. Machining of sealing face, if required.	
		Check the deposits from cooling bores. Clean if the deposits are thicker than 1 mm.	
		Renew the anti-polishing ring.	
8	Connecting rods	Inspect & measure one big-end bearing per bank.	One unit of Connecting Rod checking is under scope of 12K schedule maintenance. If required to check all units, the charge will be paid as per contingency Schedule.
		Dismantle the big-end bearing.	
		Inspect the mating surfaces.	
		If you find defects, open all big-end bearings.	
		Replace the bearing shells, if necessary. If the bearing shells are replaced, replace also the shim plate.	
		Check gudgeon pins for wear and tear. Replace parts if necessary.	
		Inspect and measure gudgeon pin bearing bushes. Replace if wear exceed the wear limit.	
9	Pistons	Check the cooling gallery deposit for one piston per bank. If the deposition exceeds 0.3 mm, open all piston tops.	
		Inspect the piston skirt, and clean the lubricating oil nozzles.	
		Inspect the piston crown and clean. Perform NDT for cracks or wear on the mating surfaces of crown and skirt. Replace parts if necessary.	
		Inspect the pistons, and replace the piston rings. Pull, inspect and clean.	
		Check the piston ring grooves' height.	
		Check the retainer rings of the gudgeon pins.	
		Replace the complete set of piston rings.	
		Note the running-in programme.	
10	Camshaft driving gear	Inspect the intermediate gears visually.	
		Inspect the teeth surfaces and running pattern.	
		Measure backlash of the gears.	
		Replace parts, if necessary	
11	Cylinder heads	Overhaul the cylinder head.	Machining of sealing face and valve pocket will be considered as additional job (out of
		Dismantle and clean the inner side, inlet and exhaust valves and ports.	
		Inspect the cooling spaces and clean if the deposits are thicker than 1 mm.	

		<p>If the cylinder head cooling waters spaces are dirty, also check the cooling water spaces in liners and engine block and clean them all if the deposits are thicker than 1 mm. Improve the cooling water treatment.</p> <p>Grind all seats. Replace parts if necessary.</p> <p>Grind the valves. Replace parts if necessary.</p> <p>Inspect the valve rotators. Replace parts if necessary.</p> <p>Check the rocker arms. Replace parts if necessary.</p> <p>Replace the O-rings in the valve guides.</p> <p>Replace the O-rings at bottom of the cylinder head screws. Mount the screw and tighten to specified torque.</p> <p>Check the starting valves. Renew parts, if necessary.</p> <p>Pressure-test the cylinder head cooling water spaces with water to ensure that there are no leakages.</p> <p>Machining of sealing face & valve pocket,if required.</p> <p>Check the safety valve. Replace parts if necessary.</p>	12K schedule). If required price will be paid as per contingency Schedule.
12	Wastegate	<p>Perform a general overhaul of the wastegate valve and actuator.</p> <p>Change the positioner pilot valve.</p>	
13	Bypass valve	<p>Perform a general overhaul of the bypass valve and actuator.</p> <p>Change the positioner pilot valve.</p>	
14	Fuel injection pumps	<p>Overhaul the injection pumps.</p> <p>Clean and inspect the injection pumps. Replace worn parts.</p> <p>Dismantle and inspect the injection tappets.</p> <p>Lapping of pump cover if required.</p> <p>Replace the erosion plugs.</p>	
15	Lubricating oil pump driving gear	<p>Inspect the lubricating oil pump driving gear.</p> <p>Check pump housing for wear.</p> <p>Replace parts, if necessary</p>	If pump housing is found wear, standard overhauling and parts replacement will be needed. The charge of overhauling/servicing will be paid as per contingency Schedule.
16	HT water pump driving gear	<p>Inspect the HT water pump driving gear.</p> <p>Replace parts, if necessary.</p>	
17	LT water pump driving gear	<p>Inspect the LT water pump driving gear.</p> <p>Replace parts, if necessary.</p>	

18	Charge air cooler	Measure the pressure drop over the charge air cooler. Remove from engine, clean, pressure test and paint. Replace parts if necessary.	
19	Valve mechanism	Check the yoke and valve clearances. Adjust the valve and yoke clearances if required.	
Electrical			
20	Oil Mist detector	Check the entire oil mist detector.	
21	Safety device	All safety system check	
22	Turbochargers	Dismantle the turbocharger.	
		Clearance measurement.	
		Clean turbine casing and compressor casing and check for cracks and erosion/corrosion.	
		Clean bearing casing and blow through oil holes.	
		Clean nozzle ring and check for cracks and erosion.	
		Check and assess rotor and bearing parts.	
		Dynamic Balancing of rotor.	

- Maintenance work should be carried out in not less than 2 shifts per day.
- After completion of 12K schedule maintenance, The contractor shall submit a details completion report on each generating unit.
- After completion of the each engine 12K hrs scheduled maintenance work, the said engine must run minimum 24 hours continuous operation at different loads including 6 hours full load without any trouble as Commercial operation, for reliability test of the works of said engine in presence of PAC committee of RPCL. Consignee of RPCL.
- Maintenance report prior and after Maintenance to be submitted.

7.3 Unscheduled maintenance performed by expert shall have following minimum criteria

Unscheduled maintenance works for Gazipur 105 MW HFO Fired Power Plant shall be performed by engineer & technicians who have experience in Maintenance of "Wartsila" designed HFO Fired Engine Generating Power Station relevant service.

SL	Position	Educational qualification	Professional Experience
01	Service Engineer	B. Sc engineer/Diploma in Electrical / Mechanical engineering	Minimum 5 years work experience for B.Sc Engineer / 10 years work experience for Diploma Engineer in Maintenance of "Wartsila" designed Dual fuel based HFO fired Engine Generating Power Station relevant service.

02	Superintending Engineer	B. Sc engineer/Diploma in Electrical / Mechanical engineering	Minimum 8 years work experience for B.Sc Engineer / 13 years work experience for Diploma Engineer in Maintenance of "Wartsila" designed Dual fuel based HFO fired Engine Generating Power Station relevant service.
03	Specialist	B. Sc engineer/Diploma in Electrical / Mechanical engineering	Minimum 10 years work experience for B.Sc Engineer / 15 years work experience for Diploma Engineer in Maintenance of "Wartsila" designed Dual fuel based HFO fired Engine Generating Power Station relevant service.

Note: The tenderer shall offer at least two alternative CV of similar qualification for each position with the technical proposal. The replacement of experts shall not happen without prior approval of HOPE. In case of any replacement, the incoming experts has be equal or more qualified than the minimum requirement as set forth.

7.4 Scope of work for installation of online monitoring system for Gazipur 105MW HFO Fired Power Plant:

Scope of Responsibilities			
Responsibilities	Contractor	Customer	Comments
Expert Insight connectivity hardware and software	X	X	Contractor will supply of hardware and software for enabling Expert Insight support connectivity service for existing WOIS. All kind of import cost including customer duties and taxes to be paid by customer.
Commissioning	X		Install and commission the Expert Insight.
Appointment of Contract Manager	X		To act on behalf of the contractor in all matters during the term of the agreement.
Analyse Expert Insight Connectivity data	X		Analyse the data and provide Asset diagnostic Exception Case report.
Remote operational support	X		Provide remote operational support during office hours when requested
Maintenance Recommendations	X		Based on the analysis of the Expert Insight reports the contractor shall provide a recommendation for the planning of the scheduled maintenance.
Maintenance budget	X		Draft a maintenance budget for the scheduled maintenance for the covered equipment for each year of the term of the agreement. Budgets will cover the estimated cost for parts provided by Wärtsilä for maintenance of the covered equipment for the year in question.

Monthly Report	X		Provide monthly reports with operation related information i.e. Expert Insight report. Recommendations and comments will be provided based on the requested and received lube, fuel and water analysis provided by customer.
Technical Support during DCT	X		4-man days technical support during yearly capacity test.
Authorizations	X	X	Obtain, maintain and comply with necessary authorizations. At another parties reasonable request provide assistance to each other in obtaining and maintaining all necessary authorizations.
Service Bulletins	X		Distribute latest Wärtsilä service bulletins.
Insurance	X	X	Obtain and provide insurance coverage for own asset
Access to Wärtsilä 24/7 telephone	X		Free access to Wärtsilä 24/7 telephone services.
Contractor's Taxes	X		Pay all payroll taxes imposed on the contractor's personnel. (including custom duties), stamp duties, tariffs, fees, income taxes, or other charges, including surcharges, interests and penalties imposed thereon, imposed by any applicable governmental authority pursuant to any governmental rules or authorisations.

Scope of Services

- 4-man days technical support during yearly dependable capacity test.
- Assist for scheduled maintenance planning, spare parts list preparation and yearly budgeting.

Section 8. Drawings

Notes on Drawings

[Insert here a list of Drawings, including site plans, which should be attached to this section or annexed in a separate folder. The Drawings shall be clearly dated, numbered and show any revision number(s), if appropriate.]

Not For Submission