

VOLUME-I

PART-II: INSTRUCTIONS TO BIDDERS

I. GENERAL INFORMATIONA) **PRELIMINARY EXAMINATION:**

The bids of only such Bidders whose bids are complete, technically and commercially in accordance with the specifications and eligibility criteria referred to in this ICB and who have submitted the necessary Bid Security in the required form will be treated as responsive bids and will be considered for further evaluation.

B) **TECHNICAL EVALUATION:**

The responsive Bids received will be evaluated by the Employer to ascertain the technical competencies, price competitiveness for complete works covered under these specifications and documents.

TECHNICAL BID EVALUATION CRITERIA:

Technical Bid Evaluation is done based on

- a. Cycle Efficiency quoted by the Bidders shall be evaluated. **Expected Cycle Efficiency shall be > 80%.**
- a. Weighted Average Efficiency quoted by the Bidders shall be evaluated. **Minimum combined Weighted Average Efficiency (WAE) guaranteed shall be > 89% for 240 MW Units and >88% for 120 MW Units in Turbine mode and >92% in Pump mode for 240 MW & 120 MW Units.**
- b. To evaluate the bid, bidder quoted with maximum cycle efficiency / maximum WAE (as the case may be) will be treated as base and other eligible bidders quoted less Cycle Efficiency / WAE will be loaded as per below.

Cost of loading for **Fixed Speed Machines** = $X1 \times (\text{Highest efficiency guaranteed by the bidder in } \% - \text{Efficiency in } \% \text{ by another bidder})$

Where X1 is **₹1.38 Crs per each 0.01% of WAE** or part thereof considering the plant life of 40 years and 95% plant availability

II. **INSTRUCTIONS TO BIDDERS:**

1. Bidders shall submit all the supporting documents for establishing the eligibility as per the prequalification requirements mentioned in Volume-I, Part-I, of the tender specification. The qualification of the Bidder will be decided by GREENKO MP01 IREP PRIVATE LIMITED based on the documents submitted by the Bidder.
2. Power of Attorney of the person signing the bid documents on behalf of the Bidder shall be submitted along with PQ & Technical bid.
3. All the forms/documents as mentioned in the VOLUME-III of the tender technical specification shall be signed by the authorised signatory of the Bidder and stamped, scanned and submitted as hard copies by Courier and Technical & PQ Documents in Soft copies (PDF Documents by e-mail). The price shall not be mentioned anywhere in the

technical bid documents. The prices shall only be mentioned in the Price Schedules given in VOLUME-IV, Part II of tender specification and the filled in price schedules shall be signed by the authorised signatory of the Bidder, as part of the price bid. A clear break-up of the prices as per the price schedules shall be given. Otherwise, the Bids shall be liable to be rejected.

4. Bids will be processed in two stages. In First stage, the received bids will be evaluated for Pre-qualification requirements as specified in ICB. Only qualified bids will be considered for Price Bid Evaluation in Second stage.
5. The Bidder should read and understand clearly the general instructions and terms and conditions of the tender document before uploading of technical documents and submission of the tender.
6. The pre-bid meeting with the Bidders will be conducted as scheduled in NIT. The Bidders are advised to visit the project site preferably before pre-bid meeting to understand the local conditions and to do needful survey for logistics before the preparation and submission of bids
7. The clarifications to the queries of all the Bidders will be consolidated and will be issued as amendment/corrigendum to the tender specification after pre-bid meeting.
8. GREENKO MP01 IREP PRIVATE LIMITED reserves the right to respond to any e-mail received by it and GREENKO MP01 IREP PRIVATE LIMITED does not warrant the privacy and/or security of e-mails during internet transmission.
9. Any downloading soft copy of the tender documents from the GREENKO MP01 IREP PRIVATE LIMITED web site is at the sole risk and responsibility of the Bidder. GREENKO MP01 IREP PRIVATE LIMITED will not be responsible for any delay/difficulty/ inaccessibility of the downloading facility for any reason whatsoever.
10. Bidders ought to ensure that they have downloaded the complete set of bid documents and shall be solely responsible for the completeness of the bid documents and may note that any omission or lack of clarity in the downloaded copy will not be taken as a reason for submission of incomplete offer or will not entitle the Bidders to claim for changing of schedule dates of the tender process. In such cases, it will be solely responsibility of the Bidders to get clarifications from the tender inviting authority well before submitting tenders within stipulated time for submission of bids.
11. Amendments/Addendum, if any will also be posted on GREENKO MP01 IREP PRIVATE LIMITED website (www.greenkogroup.com) for downloading. GREENKO MP01 IREP PRIVATE LIMITED will not be responsible for amendments being or not being kept tracked from time to time by the Bidders.
12. GREENKO MP01 IREP PRIVATE LIMITED reserves the right, without prejudice to other rights under terms and conditions of the NIT and tender documents or other remedies available to cancel tenders without assigning any reasons and will not entertain any correspondence in the matter. GREENKO MP01 IREP PRIVATE LIMITED accepts no liability whatsoever and will not be liable for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from use of GREENKO MP01 IREP PRIVATE LIMITED website or from cancellation of tenders.

13. Cost of Document

Nil

14. For all queries, please reply to: prakash.c@greenkogroup.com

Note: Greenko MP01 IREP Pvt Ltd reserves the right to add, omit or delete any clause (technical or commercial) till the time of Pre-Bid meeting and shall be posted on their Website. However, it is the responsibility of the Bidder to note the same while considering for Bid Submission including addendum/amendment if any.

III. SCHEDULE DATES OF BID: Please refer to the NIT Part I of Volume I

IV. SALIENT FEATURES OF THE PROJECT:

The MP30 Gandhi Sagar Pumped Storage Project (PSP) is a standalone PSP, proposed to be constructed at Khemla Block Village, Neemuch District, Madhya Pradesh

V. CRITICAL INFORMATION:

1) ELIGIBILITY CRITERIA: Please refer to the Clause 19 of Part-I of Volume I

2) COST OF BIDDING:

The Bidders shall bear all costs associated with the preparation and submission of the bid and GREENKO MP01 IREP PRIVATE LIMITED will in no case be responsible or liable for those costs, regardless of the contract or outcome of the bidding process.

3) AMENDMENT OF BIDDING DOCUMENTS:

At any time prior to the due date for submission of bids, the GREENKO MP01 IREP PRIVATE LIMITED may, for any reason, whether on its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents, PQ Criteria, bidding process, terms and conditions, specification, etc. The GREENKO MP01 IREP PRIVATE LIMITED may, at its discretion, extend the due date for submission of bids, without assigning any reasons thereof.

4) LANGUAGE OF BIDS:

The Bid prepared by the Bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the Employer, shall be written in English language only.

5) SCOPE OF THE PROPOSAL:

The Bidder's proposal shall be on the basis of single Bidder's responsibility completely covering all the items and services specified under the accompanying Technical Specifications and shall include all accessories even though not specifically mentioned in these specifications, schedules etc. but which are essential for the satisfactory performance of the Hydro Power Plant (Plant) i.e. Design, Engineering, Model Testing, Procurement, Manufacturing, Shop Testing, packing, Insurance, Supply, Transportation to site, Storage, Installation, Erection, Testing & Commissioning, Trial Operation, and conducting Performance Guarantee Testing of Electro-Mechanical Equipment from **Main**

Inlet Valve (MIV) to LV Terminal connection of Generator / Motor Transformer on EPC Basis and on FIRM & FIXED Price till the completion of Contract Schedule.

The scope will include (but not limited to) the following:

- a) Detailed design of the entire Electro-Mechanical Equipment – As per Scope defined
- b) Providing engineering drawings, data, Bill of materials, QAP of all the equipment/works etc.
- c) Successful Model Testing
- d) Complete manufacture of all the equipment required for plant including their shop testing.
- e) Supply includes packing and transportation from the manufacturer's works to the project site
- f) Payment of Taxes & Custom Duties
- g) Detailed route survey of Logistics and transportation of heavy consignments upto Project Site (strengthening of roads wherever required) including all statutory approvals, associated transportation cost, insurance etc.
- h) Storage, preservation and conservation of all the equipment at the site, erection, testing and commissioning of all units and handing over to GREENKO MP01 IREP PRIVATE LIMITED in complete shape.
- i) Insurance for Transit, Storage, Erection, testing and commissioning until complete handing over of total plant to the Employer and also any other insurances required by statutory bodies.
- j) Performance and guarantee tests on completion of commissioning each equipment /each unit / complete units.
- k) Furnishing & supply of Critical Spares, instruction manuals, Operation and Maintenance Manuals, and commissioning reports of all the equipment / Units etc.
- l) Complete Machinery, Tools and Tackles required for erection, testing and commissioning of the plant.
- m) Obtaining all permissions and approvals from the competent authorities related to the scope of work being executed by the Bidder against this Tender such as Inspector of factories under Factories Act etc. for and on behalf of GREENKO MP01 IREP PRIVATE LIMITED before charging the equipment/Unit for commissioning and Performance Guarantee Testing. GREENKO MP01 IREP PRIVATE LIMITED will provide necessary assistance in furnishing the required details/documents. CEIG approvals are in the scope of Employer.
- n) Bidders to note that during the process of approvals, any modifications, suggestions/ Recommendations informed by such Statutory Authorities in the interest of safety shall also be included in the scope of work and shall be carried out at no cost to GREENKO MP01 IREP PRIVATE LIMITED even though the drawings for such installations are approved by the Employer, though not specifically mentioned in the NIT.

- o) The quantity of equipment/works mentioned in technical specification are minimum required and indicative. However additional equipment /quantities/works required if any during detailed design for completeness of plant/equipment/project shall also be included by the Bidder in the scope to ensure satisfactory performance of the plant.
- p) Bidder is deemed to have acknowledged that prior to the submission of this Bid, the Bidder has, after a complete and careful examination, made an independent evaluation of the Request for Qualification, Request for Proposals, Scope of the Works, Specifications and Standards, Site, local conditions, physical qualities of ground, traffic volumes, regulations, suitability and availability of access routes including strengthening of roads to the Site are obtained, procured or gathered otherwise, and has determined to its satisfaction the accuracy or otherwise thereof and the nature and extent of difficulties, risks and hazards as are likely to arise or may be faced by it during the course of performance of its obligations hereunder. Save as provided in clause, the Employer makes no representation whatsoever, express, implicit or otherwise, regarding the accuracy, adequacy, correctness, reliability and/or completeness of any assessment, assumptions, statement or information provided by it and the Bidder confirms that it shall have no claim whatsoever against the Employer in this regard.
- q) The Description of works mentioned in technical specification are minimum required and Bid Price shall be on Lumpsum basis. However additional quantities/works required if any during detailed design and engineering for completeness of Works shall be included and is in the scope of Bidder without any additional Cost to Employer. The Bid Price shall remain FIRM & FIXED till completion of the works including time extensions if any
- r) Upon submission of the documents, quoting the Bid Price and participating in the Bid, the Bidder acknowledges and accepts to have satisfied itself as to the correctness and sufficiency of the Bid Price.
- s) Likewise, the Bidder acknowledges and accepts the risk of inadequacy, mistake or error in or relating to any of the matters set forth in Clause (p) above and hereby acknowledges and agrees that the Employer shall not be liable for the same in any manner whatsoever to the Bidder, or any person claiming through or under any of them and shall not lead to any adjustment of Contract Price or Scheduled Completion Date due to variations in Quantities or data.
- t) The Parties agree that any mistake or error in or relating to any of the matters set forth in Clause (p) above shall not vitiate this Contract or render it voidable.
- u) Except as otherwise provided in this Bid, all risks relating to the scope of the Work for the Project shall be borne by the Bidder; and the Employer shall not be liable in any manner for such risks or the consequences thereof
- v) Additional costs if any due to variation in BOQ or Works will be to Bidder's account only and Price shall not be escalated on any ground whatsoever, unless otherwise specified in this Tender.

6) SUBMISSION OF DOCUMENTS:

The Bidder shall furnish the relevant documents fulfilling the qualifying criteria along with his bid, otherwise the bid is liable for rejection. Therefore, the Bidder is advised to study

all terms and conditions of the Tender including technical specifications for submitting complete and comprehensive Bid. Failure to comply with any of the terms and conditions or instructions of the bid with insufficient particulars which are likely to render fair comparison of tender as a whole impossible may lead to rejection even if otherwise it is a competitive offer/ Tender.

The documents to be submitted shall be signed, stamped and submitted on or before the specified time and date. For email submission of technical & PQ document, the Bidder shall ensure submitting of the scanned documents only after signing and stamping.

7) PRICE:

The Bidders shall quote in their proposals a **FIRM & FIXED Price** for the entire scope of supply, erection, testing & commissioning including Performance Guarantee Test of the equipment (covered under the Technical Specification). **The Bidders are requested to furnish the detailed item-wise price break-up as supporting document for the works as stipulated in the bid documents at Volume IV, Part II.**

The above Contract price shall be firm & fixed till completion of contract period including extensions if any.

The price shall exclude all duties and taxes like custom Duty, GST, any other cess levied by Govt. of India. However, TDS, Labour cess, BOCW, EPF, ESI, GIS shall be to the account of Bidder.

8) DUTIES AND TAXES:

GST, Customs Duty and other levies payable shall be shown separately in the Price Bid of Volume IV, Part II.

If any new statutory levies, revision in duties and taxes are imposed in respect of goods contracted to be supplied on or after the date of contract and before the expiry of the contractual delivery date, such imposition or variation in levies shall be to the Employer account. Any increase on account of imposition of or variation in statutory levies on goods contracted to be supplied and or works to be executed occurring after the expiry of the original contractual delivery date shall be to the Contractor's account and If there is any downward variation/revision the benefit shall be passed on to Employer. This is applicable for the transactions between Bidder and Employer only.

The statutory variation from the date of bid submission to contract signing date is to Employer's account.

Any exemption in Taxes & Duties under MNRE/any schemes shall be informed to successful bidder at a later stage of Contract. If any new statutory levies, revision in duties and taxes are imposed in respect of goods contracted to be supplied on or after the date of Contract and before the expiry of the contractual delivery date, such imposition or variation in levies shall be to the Employer's account. Any increase on account of imposition of or variation in statutory levies on goods contracted to be supplied occurring after the expiry of the original contractual delivery date shall be to the Contractor's account and If there is any downward variation/revision the benefit shall be passed on to Employer, in the event of delay in Contractor's obligation. This is applicable for the transactions between Contractor and Employer only.

As regards the Indian Income tax, surcharge on Income Tax and any other Corporate Tax, the Employer shall not bear any tax liability in respect of the contracts irrespective of the mode of contracting. The Bidder shall be liable and responsible for payment of such tax, if attracted under the provision of the law. In this connection, attention of Bidders is invited to the provisions of Indian Income Tax Act and circulars issued by the Central Board of Direct Taxes, Government of India. Deduction will be made towards Income Tax at source by the Employer as directed by the Income Tax Department. In the event of services provided by Foreign counterpart, withholding tax deduction shall be applicable as per Indian Law.

Note: Variation in Taxes & Duties (Change in Law) shall be to Employer's account if and only if the extension of Time is granted on a/c of delay in Employer's obligations

9) ARTICLES OF ASSOCIATION:

Bidder shall, along with the Bids, produce the authenticated documents such as, Memorandum of Association & Articles of Association, partnership deed, bye laws as the case may be as a proof of its constitution, its full details with address and persons authorized to sign the Contract, so as to bind the Bidder's entity.

The said documents must be authenticated by the local authorities at the place of issue. Any of the Bid which does not contain these documents, or contain incomplete documents, or does not conform to the aforesaid forms, may be at the discretion of the Employer be excluded from being considered

10) BID SECURITY (EMD):

Offers must accompany EMD of Rs 1.00 Crores [Rupees One Crore only]. The EMD can be paid in the form of a Bank Guarantee from any Nationalized/Scheduled bank.

The B.G. shall have the validity up to 180 Days from the date of bid submission.

The EMD shall be forfeited, if

- i. Bidder withdraws the bid before expiry of its validity.
- ii. Successful Bidder does not accept the Order/LOA or fails to enter into a contract within the specified period.
- iii. Successful Bidder fails to furnish Contract Performance Bank Guarantee/security within one month, or within the period specified, from the date of issue of LOA/Contract.
- iv. Once the Bidder submitted their bids, they shall not be permitted to withdraw their offers under any circumstances and if they do so, such Bidder will be Blacklisted and the EMD paid by them shall be forfeited.

Refund of EMD:

In case of successful Bidder, EMD will be returned on application and after finalization & signing of EPC contract and after furnishing Contract Performance Bank Guarantee. For unsuccessful Bidders, the EMD BG shall be returned within 3 months from the date of Signing of Agreement with the Successful Bidder.

11) VALIDITY OF OFFERS:

The offers shall be valid for a period 180 days from the date of Bid submission date as specified in the NIT. The period of validity cannot be counted from any other date other than the date of submission of bids.

During this period the Bidder will not be permitted to withdraw or vary their offers, once made and if they do so, the EMD shall be forfeited.

Prior to expiry of the original bid validity period, the Employer may request the Bidders to extend the period of validity for a specified additional period. The request and the responses there to shall be made in writing or by e-mail. A Bidder agreeing to the request will not be required or permitted to modify his bid but will be required to extend the validity of his EMD for the period of the extension, and in compliance with Clause - Earnest Money Deposit in all respects.

12) PAST EXPERIENCE:

The comprehensive list of past projects implemented by the Bidder in India and abroad indicating clients, dates, size of the projects and any other relevant information along with P.O. details and performance reports/certificates from the Customers, shall be furnished along with technical offer.

13) STATEMENT OF DEVIATION:

The list of Declared technical deviations (Un priced) and the list of declared commercial deviations (un priced) shall be provided as part of the Technical bid.

Deviations specifically declared by the Bidders in respective Deviation Schedules of Bid Proposal Sheets only will be taken into account for the purpose of evaluation, as per Employer consideration.

Bidder may note that deviations, variations and additional conditions etc., found elsewhere in the bid other than those stated in the Deviation schedules, say those pertaining to any rebates, will not be given effect to in evaluation and it will be assumed that the Bidder complies with all the conditions of Bidding Documents.

Any deviations, which the Bidder did not state in the Deviation Schedules, found elsewhere in the bid, the EMD of the Bidder will be forfeited.

Offers should strictly be in conformity with specifications/ drawings as stipulated in the enquiry. In case no deviations are indicated specifically in Deviation Schedules, it will be taken for granted that Work (s) has/ have been offered strictly as per the requirements given in the tender Specification/Bid document.

14) LOCAL CONDITIONS

It will be imperative on each Bidder to fully inform himself of all local conditions and factors which may have any effect on the execution of the works covered under these documents and specifications. The Employer will not entertain any request for clarifications from the Bidders, regarding such local conditions.

It must be understood and agreed that such factors have properly been investigated and considered while submitting the proposals. No claim for financial adjustment to the contract awarded under these specifications and documents will be entertained by the Employer neither any change in the time schedule of the contract nor any financial adjustment arising thereof which are based on the lack of such clear information, its affect

on the cost of the works to the Bidder shall be permitted by the Employer.

15) PRICED QUOTATIONS

All priced quotations should be in INR/USD/EURO only.

The Bidder should quote his lowest firm & fixed prices valid for the duration and completion of the contract i.e., supply, erection, testing and commissioning of the plant. No enhancement of prices for whatsoever reason will be allowed once the offer is accepted. Quotation should carry the name of the manufacturers for the plant offered. **The Bidder should mention the prices only in the price bid of the tender specification and not elsewhere in the tender document as per Price Bid Formats of Volume-IV.**

16) AWARD OF CONTRACT

Letter of Award (LOA) of Contract will be made in writing to the successful Bidder by the Employer.

The Employer does not pledge to accept the lowest or any bid and reserves the right of accepting the whole or in part or any bid as he may think fit or may reject such bids without assigning any reason. No bid shall be deemed to have been accepted unless such acceptance is notified in writing to the Bidder by the Employer

17) COMPLETION PERIOD:

The basic consideration and essence of the contract shall be the strict adherence to the time schedule for performing the specified works.

24 months from Effective date. (Unit wise COD schedule to be provided by Bidder)

The Bidder shall also indicate the specific periods Unit wise for the following:

1. Design & Engineering.
2. Model Testing
3. Supply of material, components to site.
4. Site Fabrication works
5. Erection of Equipment
5. Testing and commissioning, Each unit.
6. Performance Guarantee Test

Bidder shall be required to state the period of time within which they will deliver/complete each Unit. The schedule of supply of equipment shall be planned in such a way that the material shall be delivered to site not before six months of its requirement for erection as per approved schedule. In case if any equipment is supplied too early, (i.e., before six months of its requirement as per schedule) the process of bills of such equipment shall be initiated by Employer only before six months of its requirement as per schedule.

Note: i) Detailing of time schedules of post award activities (PERT network) will be finalized with the successful Bidders after award of contract

ii)The Offers not complying with the completion schedule shall be considered non-responsive and shall not be evaluated

- In case, the supply of all the material required for the project are not completed within the Contract Network Schedule, the GREENKO MP01 IREP PRIVATE LIMITED may resort to purchase the materials/equipment from elsewhere at the risk and cost of the supplier and recover all such extra cost incurred by the GREENKO MP01 IREP PRIVATE LIMITED in procuring the material by above procedure.
- Alternatively, the GREENKO MP01 IREP PRIVATE LIMITED may cancel the Contract completely or partly without prejudice to its right under the alternative mentioned above.
- In case of recourse to alternatives above, the GREENKO MP01 IREP PRIVATE LIMITED shall have the right to purchase the materials to meet the urgency of requirements caused by Contractor's failure to comply with the scheduled delivery period irrespective of the fact whether the materials /equipment are similar or not.

18) DELAYS IN COMMENCEMENT OR PROGRESS OR NEGLECT OF WORK AND FORFEITURE OF CONTRACT PERFORMANCE BANK GUARANTEE AND WITHHELD AMOUNTS

If, at any time, the Project Head/Employer shall be of the opinion that the Contractor is delaying in supplies/Commencement of the erection works or violating any of the provisions of the Contract or is neglecting or delaying the progress of the work as defined by the, "**CONTRACT NETWORK SCHEDULE**", he shall so advise the Bidders in writing and at the same time demand compliance in accordance with instructions to Bidder and conditions of Contract. If the Contractor neglects to comply with such demand within seven days after receipt of such notice, it shall then or at any time there after, be lawful for the Engineer-in-charge (Project Head)/Employer to take suitable action as per contract including but not limited to forfeiture of CPBG and make claims from the withheld amounts of the Contractor's invoice.

19) CONTRACT QUALITY ASSURANCE PLAN/PROGRAMME

The plant shall be manufactured in the best and most substantial and most workman-like manner and with materials of the best or of approved quality for their respective uses as per Good Industry Practices.

The Bidder shall include in his proposal the Quality Assurance Plan/Programme containing the overall quality management and procedures which he proposes to follow in the performance of the supplies and works during various phases as detailed in relevant clauses of these bid documents.

To ensure that the equipment and services under the scope of this contract whether manufactured or performed within the contractor's works or at its sub-contractor's premises or at the Employer's site or at any other place of work are in accordance with the specification, the contractor shall adopt suitable quality assurance plan/programme to control such activities at all points, necessary. Such programme shall be outlined by the contractor and shall be finally approved by the Employer/Engineer after discussions before the award of contract. A quality assurance plan/programme of the contractor shall generally cover the following.

- a) System for shop manufacturing and site erection controls including process controls and fabrication and assembly controls;

- b) A quality plan detailing out the specific quality control procedure adopted for controlling the quality characteristics relevant to each item of equipment/component furnished.

Detailed Inspection Plan is mentioned in SCC, Part I of Volume II

20) MAINTENANCE OF TOOLS AND TACKLES

The proposal shall include all special tools and tackles required for the operation and maintenance of the equipment in each equipment package. The Bidder shall indicate all the above items in the proposal sheets in the form of a schedule giving therein the description and the quantity of each item.

21) DEFECT LIABILITY PERIOD:

The Bidder/Contractor shall guarantee that the equipment being supplied under this contract shall be new and of best quality, workmanship and shall have no defects in manufacture, shall meet the requirements of the specifications, and shall be in all aspects suited for the purpose intended and as per the applicable standards.

The Bidder shall guarantee the satisfactory performance of the Plant for 24 (Twenty-four) months from the date of Acceptance Certificate of the Plant

If during the said Defects liability period, the Employer finds any materials to be containing manufacturing defects or defect in workmanship, the contractor would be required to promptly repair/supply the replacement against such defective equipment/component free of cost.

The above guarantees shall also apply to defects noticed up to the stage of erection and commissioning. The contractor shall bear all the expenses incurred in connection with the repair or replacement against such defective equipment/component inclusive of all freight and insurance, Taxes & Duties, levies, forwarding and clearing and demurrages and other incidental charges involved in delivering the said equipment to the Employer's specified destination. The charges for supervision of erection of such replacement shall not be paid by the Employer. The decision whether correction of the defects should be by the repair or replacement shall be the sole discretion of the Employer.

The Employer and contractor shall mutually agree to a programme of replacement, renewal or repair which will minimize any interruption in the commercial use of the equipment.

In the event, the contractor fails to undertake necessary steps to repair or replace defective materials as stipulated above after receiving notice from the Employer for any defect in the material, or failure of any material to confirm with the specifications, the Employer may proceed to undertake the repair or replacement of such defective equipment at Bidders risk and expense but without prejudice to any other rights that the Employer may have against the Bidder in respect of such defects.

Detailed Inspection Plan is mentioned in SCC, Part I of Volume II

22) SPARE PARTS

The Critical spares required as indicated in detailed technical specification are included in the quoted (EPC) prices. However, Bidder can recommend / suggest any spares other than critical spares required for satisfactory operation of the plant for 20 years. Hence,

1. It is necessary for the Bidders to quote for the recommended spare parts for 5 years of operation after the Defect Liability Period.
2. In such cases, the item wise price breakup of such spares shall be indicated in the Bid. The Price of spares shall also not be subjected to escalation during the Defect Liability Period of 24 months from the scheduled date of Acceptance Certificate of Plant under the Contract. The cost of recommended spares and additional spares (those agreed to by the Employer after discussions with the Bidder) shall be considered for ordering separately.
3. All spares shall be supplied by the Bidder along with various equipment and such spares shall be new and free from defects in design, material and workmanship and shall be guaranteed for a period of 24 months from the date of use of such spares under the contract or 36 (Thirty-Six Months) months from the date of receipt of spares at project site whichever is earlier. In case of any failure in original/component of equipment and if such failures are due to bad quality, design, materials and workmanship, spare parts if any, supplied for such components/parts, shall also be replaced without any extra cost (including taxes and duties etc.) to the Employer in case these spares were manufactured along with the main equipment. If it is, however, proved, that the failure is due to defective quality, design, etc then those spare parts not manufactured along with the original equipment shall also be replaced at no extra cost (including taxes and duties etc.) to the Employer. Such replaced spare parts shall have the same Guarantee as applicable to the replacement made for the defective original parts/components. The replaced parts will become the property of the Bidder.

If any damage occurs to any other equipment/spare part covered under the contract against this specification or due to defective part supplied under the contract, the supplier shall be responsible for making good of the said damage.

23) CERTIFICATE OF COMPLETION OF WORKS

When the whole of the work has been completed and has satisfactorily passed final guaranteed test that may be prescribed by the Contract, the Contractor may give a notice to that effect to the Project Head accompanied by an undertaking to carryout any rectification work during the period of maintenance, such notice and undertaking shall be in writing and shall be deemed to be request by the Contractor for the Project Head to issue a Certificate of completion in respect of the Works.

The Project Head shall, within twenty one days of the date of delivery of such notice either issue to the Contractor, a certificate of completion stating the date on which, in his opinion, the works were completed in accordance with the Contract or give instructions in writing to the Contractor specifying all the Works which, in the Project Head opinion, required to be done by the Contractor before the issue of such Certificate. The Project Head shall also notify the Contractor of any defects in the Works affecting completion that may appear after such instructions and before completion of the Works specified there in. The Contractor shall be entitled to receive such Certificate of the Completion within twenty

one days of completion to the satisfaction of the Project Head of the Works so specified and making good of any defects so notified.

24) DRAWINGS, DATA AND LITERATURE TO BE FURNISHED

Drawings, data and descriptive literature as required in the specifications must be submitted with the Bids and shall include sufficient detailed performance information to enable evaluating the item as to soundness, reliability, serviceability, and efficiency. If drawings, data and/or literature are submitted that would require modifications to meet the specifications, these modifications should be clearly indicated. Failure of information to show that the item offered conforms to the specifications may lead to disqualification of the Bid.

A written statement by the Bidder stating that he will fully meet the requirements of the specifications will take precedence over standard literature accompanying the Bid.

If the Bidder submits literature specifically prepared for the Bid and such literature contains any statements or data inconsistent with the requirements of the Bid documents, those statements and data will be construed as intended, and may lead to disqualification of the Bid.

Bidders are warned to strike out any conflicting conditions, qualifications or delivery terms.

The Bidder shall include in his offer the following:

- ❖ Undertaking to furnish details of special precautions and instructions to be followed and check list for erection, testing and commissioning of the plant.
- ❖ Undertaking to furnish all required drawings, documentations for assembly, erection, testing and commissioning of the plant. Instructions regarding storage, handling, precautions etc., and checklists at various stages, till the plant is installed.
- ❖ Time schedule for design, model testing, manufacture, testing, shipment, installation, commissioning and Performance Guarantee Test.

25) PRELIMINARY EXAMINATION OF BIDS AND DETERMINATION OF RESPONSIVENESS

Prior to the detailed evaluation of bids, the Employer will determine whether each Bid

- a) meets the eligibility criteria,
- b) has been properly signed& stamped,
- c) is accompanied by the required securities,
- d) is substantially responsive to the requirements of the tender documents, and
- e) provides any clarification and/or substantiation that the Employer may require

A substantially responsive bid is one, which confirms to the terms, conditions and requirements of the tender documents, without material deviation or reservation.

A substantial deviation or reservation is one

- a) which affects in any substantial way the scope, quality or performance of the works,
- b) which limits in any substantial way, inconsistent with the tender documents, the Employer's rights or the Bidder's obligations under the Contract, or
- c) whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive bids.

The test of substantial responsiveness will be made, inter alia, with reference to meeting the requirements of the following:

Critical Provisions: No deviations whatsoever are permitted by the Employer to the provisions relating to the following clauses/ conditions:

- 1) Governing Laws: The contract shall be governed by and interpreted in accordance with the laws that are in force in India and Courts at Hyderabad will have exclusive Jurisdiction.
- 2) Contract Performance Bank Guarantee in accordance with Clause no.16 of SCC Volume II, Part I
- 3) Rate of liquidated damages and cap on liquidated damages.
- 4) Minimum guaranteed efficiencies of Pump-Turbine & Motor-Generator
- 5) Payment Terms as specified in SCC
- 6) Completion Schedules

If a bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

Financial Bids will be evaluated only after completion of PQ & Technical bid evaluation. Only in case a PQ & Technical bid has been determined as substantially responsive, the respective financial bid will be evaluated.

Guaranteed performance data of the Plant:

Bidders shall state the guaranteed performance data of the proposed equipment in response to the tender documents.

Technical Bid Evaluation is done based on the Evaluation Criteria as mentioned in I B of this ITB.

Rate of Liquidated Damages:

Liquidated Damages shall be applicable at the rate of Rs. **₹2.76 Crs per each 0.01% of efficiency** (one by hundredth percent efficiency) by which the test figure is less than the

specified guaranteed figures for Fixed Speed Machines (5x240MW, 2X120MW) or part thereof subject to a maximum of 25% of the Contract Value shall be levied.

Once the successful Bidder is selected, Employer and the successful Bidder can discuss options for further cost reductions during the execution of the Contract.

The Employer reserves the right to accept or reject any variation or deviation. Variations, deviations and other factors which are in excess of the requirements of the tender documents or otherwise result in the accrual of unsolicited benefits to the Employer shall not be taken into account in bid evaluation.

26) EMPLOYER’S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

Notwithstanding above, the Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Employer's action. In such event, the Employer shall intimate the same to the Bidder and shall return the EMD Security within 30 days of such Rejection.

27) LETTER OF AWARD

Prior to expiration of the period of bid validity, the Employer will notify the successful Bidder by e-mail, confirmed by registered letter, that his bid has been accepted. This letter (hereinafter and in the Conditions of Contract called the "Letter of Award") shall name the sum which the Employer will pay the Bidder in consideration of the execution and completion of the Project by the Bidder as prescribed by the Contract, thereafter and in the Conditions of Contract called "the Contract Price".

28) CONTRACT PERFORMANCE BANK GUARANTEE

The Bidder shall furnish the Contract Performance Bank Guarantee obtained through Nationalized banks /Scheduled Bank/ or confirmation by Indian nationalized banks for 10% of the contract value within one month from the date of Letter of Award towards contract performance/security deposit in the prescribed proforma failing which the Bid security will be forfeited, and further action will be initiated as per terms and conditions of the tender document

29) FINALIZATION OF EPC CONTRACT

The Employer will invite the Successful Bidder to finalize the EPC Contract, within **Thirty (30) days**, and "Contract Performance Bank Guarantee" shall be submitted on the date of signing of the Contract by the Bidder.

Upon furnishing the Contract Performance Bank Guarantee by the successful Bidder, the Contract became effective and the Employer will promptly notify the other Bidders that their bids have been unsuccessful.

30) CORRUPT OR FRAUDULENT PRACTICES

It is required that Bidders and Sub-Bidders observe the highest standard of ethics during the procurement and execution of the contract. In pursuance of this policy and for the purposes of this provision, the terms set forth below are defined as follows:

- a) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; and
- b) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition;
- c) "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- d) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

Employer will have the unconditional and unilateral right and authority to reject a Bid and or cancel an award provided in terms hereof, if it determines that the Bidder has engaged in corrupt practice, fraudulent practice, collusive practice, or coercive practice in competing for the award / contract in question.

31) GUIDE-LINES FOR SUBMISSION OF BANK GUARANTEES

The Bank Guarantee shall fulfill the following conditions failing which it shall not be considered valid:

- 1) Bank Guarantee shall be executed on non-judicial stamp paper of applicable value purchased in the name of bank.
- 2) Non-judicial stamp paper shall be used within 6 months from the date of purchase. Bank Guarantee executed on the stamp paper of more than 6 months old shall be treated as invalid.
- 3) The contents of the Bank Guarantee shall be as per our format enclosed.
- 4) The Bank Guarantee shall be obtained through Indian nationalized banks/Scheduled Banks or confirmation by Indian nationalized banks only.
- 5) The executor of Bank Guarantee (Bank Authority) should mention the Power of Attorney No. and date executed in his/her favour authorizing him/her to sign the document or produce the Photostat copy of Power of Attorney.
- 6) All conditions, corrections, deletions in the Bank Guarantee should be authenticated by signature of Bank Officials signing the Bank Guarantee.
- 7) Each page of Bank Guarantee shall bear BG No. /Date, signature and seal of the Bank.
- 8) Two persons should sign as witnesses mentioning their full name and address.

32) PRE-BID MEETING:

Pre-bid meeting(s) may be held at Hyderabad at the Employer's office / through virtual meetings.

The pre-bid meetings may take place as indicated in this tender document. Any change in scheduled date of pre-bid meeting will be notified as corrigendum in GREENKO MP01 IREP PRIVATE LIMITED website.

The purpose of the pre-bid meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

The Bidder is requested to submit any questions in writing or by email, to reach the Employer before the pre-bid meeting as per the dates mentioned.

Minutes of the pre-bid meeting, including the text of the questions raised and the responses given will be uploaded as Corrigendum in GREENKO MP01 IREP PRIVATE LIMITED website.

The Bidder may visit and examine the Site of Works and its surroundings and obtain for himself on his own responsibility all information that may be necessary for preparing the bid and entering into a contract for the design, build and completion of the Works. The costs of visiting the Site shall be at Bidder's own expense.

The Bidder and any of its personnel or agents will be granted permission by the Employer to enter the power plant premises for the purpose of such inspection, but only upon the express condition that the Bidder, his personnel and agents, will release and indemnify the Employer from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of the inspection.

33) THE BIDDER IS REQUIRED TO FURNISH THE FOLLOWING DOCUMENTS AFTER THEIR BID IS ACCEPTED.

1. Equipment shall be of reputed make. However, vendor approval for all the equipment/components shall be taken from Employer before finalizing the procurement.
2. The Bidder shall furnish a Bank Guarantee, which shall be obtained through Reputed / Nationalized banks or confirmation by Indian nationalized banks for 10% of the contract value within one month from the date of Letter of intent towards contract performance/security deposit in the prescribed format. This guarantee shall remain valid till the completion of Defect liability period including completion period (24 + 24=48 months) of the equipment with a claim period of 180 days over and above period.
3. Submit to the Employer Necessary Packing lists of the equipment as per shipment schedule at least four (4) months before commencement of supply of first equipment.
4. Submit to the Employer necessary instruction manual for erection of all the equipment at least four (4) months before commencement of supply of first equipment.

5. Submit operation and maintenance instructions together with drawings of equipment to be supplied at least three (3) months before commissioning of the first unit.
6. Submit manufacturing and delivery schedule for all equipments within sixty (60) days from the date of award of contract.
7. Within 30 days from date of award of contract the Bidder shall submit detailed schedule for model test. Model test reports shall be got approved after the test is completed, as the model test is included in the scope.
8. Supplier shall submit and obtain approval by the Employer for detailed equipment drawing before taking up the manufacture of equipment.
9. Submit quality assurance documents before taking up manufacture of equipment.
10. Complete instructions regarding storage of equipment at site at least three months before dispatch of equipment.
11. Shall furnish special precautions and instructions to be followed and check list for erection, testing and commissioning of plant at least three months starting of erection of the equipment.
12. Supply drawings with specifications for local fabrication of parts subjected to frequent wear and tear.

13. AFTER COMMISSIONING OF UNITS:

- a. 3 sets of hard copies in A1/A0 size Completion drawings (as built), duly incorporating the changes made during Erection, Testing & commissioning and Project Completion reports of all the equipment and Electro-Mechanical works in addition to 3 sets of soft copies (Copy mode).
- b. Any modifications in instruction manuals that were furnished earlier.
- c. service and supply of spare parts should be provided.
- d. The supplier/contractor shall also supply 3 (three) sets of soft copies (on CDs) of all the instructions, manuals, drawings, Commissioning reports to keep them as a permanent.

14. SUPPLY, ERECTION, COMMISSIONING AND TESTING OF ADDITIONAL UNITS:

In the event, Employer decides to enhance the capacity of the Plant by installing One (1) more unit of 240 MW (Fixed Speed Machine), he may do so and Contractor has to supply, erect, Commission and Performance of Testing of Additional Unit(s) at the same Price, terms & conditions of the Contract without any Price escalation whatsoever, if opted by Employer within Twelve (12) months from the date of Contract

15. List of Bought Out Items:

The Bidder shall furnish the total List of "Bought out Items" including makes/ supplier's name and country of origin along with Technical Specifications.

