



**Bharat Heavy Electricals Limited**  
(A Govt. Of India Undertaking)  
**PROJECT ENGINEERING MANAGEMENT**

**Enquiry No- 77/23/6105/SAN**

**Date- 30-Aug-24**

BHEL invites offers from reputed Suppliers meeting pre-qualifying requirements for **Water Treatment Packages** Package as per following details:

Type of Tender	Open Tender - Domestic	
Package(s) Name	<b>Water Treatment Packages</b>	
	<b>Supply</b>	<b>Turnkey</b>
	Chemical Dosing System	Pre-Treatment Plant
	Oxygen Dosing System	Demineralization Plant
	Lime Dosing System	Condensate Polishing Plant
		Effluent Treatment Plant
		Sewage Treatment Plant
		CW Chemical Treatment Plant
		CHP Run-Off Water Treatment System
		Chlorine Dioxide Dosing System
Project	2 X 800 MW NTPC LARA STPS STAGE-II	
Due Date & Time	<b>20-Sep-24</b>	<b>02 :00: PM IST</b>
End Customer	<b>NTPC</b>	
Executing Agencies	BHEL PEM for Supply Package & BHEL-PSER for Turnkey Package	
No. of Part Bid	02 (TWO)	
Complete Scope	AS PER TECHNICAL SPECIFICATION - <b>PE-TS-508-404-W001</b>	
Last Date for Seeking Clarification	<b>8-Sep-24</b>	
	<p>Bidders to contact BHEL (over phone/mail/visit-BHEL-PEM) for any clarification (technical or commercial) &amp; get it clarified well before last date of seeking clarification.</p> <p>BHEL reserves the right not to respond to pre-bid clarifications received after last date of seeking clarification. Bidders to furnish the pre-bid queries in editable format also.</p>	
Schedule of Pre-Bid Discussion	<b>9-Sep-24</b>	
Pre-qualification Requirements	Financial PQR- YES	Technical PQR- YES
	<p>This item/package /system falls under the list of items defined in para 3 of ministry of finance guideline dated 20.09.16 (Procurement of items related to Public safety, Health, Critical Security operations &amp; Equipment's etc.) &amp; hence criteria of prior experience/Turnover shall be same for all the Suppliers including Start-up/MSME.</p>	
Price Basis	PVC Applicable, Refer Attached Annexure in case PVC applicable.	
Price Finalisation Mode	Reverse Auction, In case of single qualified bid, price bid of single qualified bidder shall be opened.	
CIF Applicability	Not Applicable	
Variation of contract value as per clause no. 6.0 of ITB of BOP GCC	+/-10%	
End Customer Approval	Applicable	
HSE Guidelines	<p>Applicable for Turnkey Packages. Please refer the below link to download</p> <p><a href="https://pem.bhel.com/Documents/GCC/HSE%20Plan%20Rev02.pdf">https://pem.bhel.com/Documents/GCC/HSE%20Plan%20Rev02.pdf</a></p>	
Eligibility of Tender as per MII Order	Min 60% - Class-I Local Supplier	



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Evaluation Criteria	<p>Evaluation will be done on overall L1 (Total Cost to BHEL excluding GST) basis with necessary loading as applicable. The evaluation currency for this tender shall be INR.</p> <p>In RA, the loading (technical/commercial), if any, shall be added by bidder while submitting the bid in reverse auction portal. Ordering shall be done after de-loading the commercial/ technical loading from bidder's final price.</p> <p>In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders.</p> <p>In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/draw of lots, in the presence of the respective L-1 bidder (s) or their representative(s).</p> <p>Ranking will be done accordingly. BHEL's decision in such situations shall be final &amp; binding.</p>		
Integrity Pact Applicability - YES	<p>In line with cl. No. 12 of (ITB) BOP-GCC, following Independent External Monitors (IEMs) have been appointed by BHEL.</p> <ol style="list-style-type: none"> <li>1. Shri Otem Dai, IAS (Retd.) (iem1@bhel.in)</li> <li>2. Shri Bishwamitra Pandey, IRAS (Retd.) (iem2@bhel.in)</li> <li>3. Shri Mukesh Mittal, IRS (Retd.) (iem3@bhel.in)</li> </ol>		
Earnest Money Deposit (EMD)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Applicable</td><td style="width: 40%;">EMD Value - 40 Lakhs</td></tr> </table>	Applicable	EMD Value - 40 Lakhs
Applicable	EMD Value - 40 Lakhs		
	<p>EMD is to be submitted by all the bidders along with their bids (except Micro and Small Enterprises (MSEs) or Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT)).</p> <p><b>Modes of deposit</b></p> <p>The EMD shall be accepted only in the following forms:</p> <ol style="list-style-type: none"> <li>i) Electronic Fund Transfer credited in BHEL account (before tender opening): <a href="https://pem.bhel.com/Documents/SupplierSection/BHELBANKER.pdf">https://pem.bhel.com/Documents/SupplierSection/BHELBANKER.pdf</a></li> <li>ii) Banker's cheque/ Pay order/ Demand draft, in favor of BHEL-PEM, Noida (along with the offer).</li> <li>iii) Fixed Deposit Receipt (FDR)</li> <li>iv) Bank Guarantee from any of the Scheduled Banks (refer Annexure A along with GeM Bid/NIT for BG Format)</li> <li>v) Insurance Surety Bonds.</li> </ol> <p>Scanned copy of EMD shall be uploaded by Supplier in the online bid and hard copy of the same (excluding EFT at s.no (i) shall have to be submitted to the bidder within 7 (Seven) working days of bid opening, failing which the bid shall be rejected by giving a suitable cut-off date.</p>		



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	<p><b>Validity period of EMD:</b> The EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period. EMD shall not carry any interest.</p> <p><b>Forfeiture of EMD: -</b></p> <ol style="list-style-type: none"> <li>A bidder's EMD will be forfeited if the bidder withdraws or amends its/his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required performance security within the specified period mentioned in the Tender.</li> <li>EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors (abridged version of guidelines is available on <a href="http://www.bhel.com">www.bhel.com</a>)" and forfeited/ released based on the action as determined under these guidelines.</li> </ol> <p><b>Return of EMD: -</b></p> <ol style="list-style-type: none"> <li>Bid securities of the unsuccessful bidders shall be returned to them after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, Bid securities of unsuccessful bidders during first stage i.e. technical-commercial evaluation etc. shall be returned within 30 days of declaration of result of first stage i.e. technical-commercial evaluation.</li> <li>Bid security shall be refunded to the successful bidder on conclusion of the order/ receipt of a performance security.</li> </ol>
Performance Security (PS)	<p>Successful bidder is required to submit Performance Security for Supply Packages to BHEL-PEM &amp; for Turnkey Packages to BHEL-PSER as below within 14 days from the date of PO/LOA:</p> <ol style="list-style-type: none"> <li>Initially 10% of the contract value (total Ex-works price excluding PVC) of Supply/Turnkey Packages. 5% of the contract value (excluding PVC) will be released after completion of E&amp;C based on certification by Project Group/Purchaser. However, 5% of the contract value (excluding PVC) will be released on completion of all contractual obligations, including guarantee/warranty obligations of respective package based on certification by Project Group/Purchaser.</li> </ol> <p style="text-align: center;">OR</p> <ol style="list-style-type: none"> <li>5% of the contract value (total Ex-works price excluding PVC) of Supply/Turnkey Packages. Additional 5% of the contract value will be retained from first bill &amp; subsequent bill(s) of the contract for Supply/Turnkey Packages. The retention amount will be released after completion of E&amp;C based on certification by Project Group/Purchaser. However, 5% of the contract value (excluding PVC) will be released on completion of all contractual obligations, including guarantee/warranty obligations of</li> </ol>



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respective package based on certification by Project Group/Purchaser.

**Validity of PS:**

**For Supply Packages-** Validity of performance bank guarantee shall be for the entire guarantee period. Initially, it should be at least 18 months from date of last dispatch and later extended to cover the entire guarantee period, one month before its expiry.

**For Turnkey Packages-** As per clause no-11.3 of GCC BOP Rev-00.

**Modes of deposit**

Performance security may be furnished in the following forms:

a) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL.

b) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.

c) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).

d) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).

e) Insurance Surety Bond.

(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)

Performance Security should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

**Notes/Remarks**

a) The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier.

b) Performance security should be refunded to the contractor without interest, after he duly performs and completes the contract in all





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	<p>respects but not later than 60(sixty) days of completion of all such obligations including the warranty under the contract.</p> <p>The Performance Security shall not carry any interest.</p>
Delivery terms	FOR Despatch Station for supply
Breach of contract, Remedies and Termination	<p>Clause no. 27.0 of GCTC of GCC-BOP is not applicable. However, in case of Breach of Contract by supplier, BHEL shall recover 10% of the contract value from the supplier using following instruments:</p> <p>(i) Encashment of security instruments like EMD, Performance Security with executing agency (PS-Regions/PEM as applicable) against the said contract</p> <p>(ii) Balance amount (if value of security instruments is less than 10% of the contract value) from other financial remedies i.e. available bills of the Supplier, retention amount etc. with executing agency (PS-Regions/PEM as applicable)</p> <p>(iii) Balance amount from security instruments like EMD, Performance Security and other financial remedies i.e. available bills of the Supplier, retention amount etc. with other units of BHEL</p> <p>(iv) If recovery is not possible then legal remedies shall be pursued</p> <p>The balance scope shall be got done independently without Risk &amp; Cost of the failed supplier/ contractor. Further, levy of Liquidated Damages, Debarment, Termination, De-scoping, Short-closure, etc., shall be applied as per provisions of the contract.</p>
Delivery Schedule	As per Annexure- A to NIT
Payment Terms	<p style="text-align: center;">As per Annexure- B to NIT</p> <p>Vendors shall submit billing documents for payment directly to BHEL. Payment will be released within 30 days after submission of complete documents.</p>
Guarantee Period	As per Annexure- C to NIT
Liquidated Damages	As per Annexure- D to NIT
<p>Separate Purchase Orders for Supply Package &amp; Separate LOAs for Turnkey Packages respectively shall place by BHEL PEM. The execution of the Supply Package and Turnkey Packages will also be done by BHEL PEM and BHEL PSER respectively.</p>	



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**Other Terms & Conditions:**

1. Other Terms & Conditions shall be as per enclosed **Special Conditions of Contract (SCC) of the project, General Conditions of Contract (GCC)-BOP Rev 00 along with corrigendum-01 to GCC - BOP** which is available on [www.pem.bhel.com](http://www.pem.bhel.com) and other Terms and Conditions included in this Enquiry Letter.
2. As per clause no. 4.2 of GCTC of BOP GCC, for BOCW, please refer BOCW Act.
3. **Verification of PQR documents-**  
Bidders to ensure that Third party/customer issued certificates being submitted as proof of PQR qualification have verifiable details of document/certificate issuing authority such as name & designation of Issuing Authority and its organization contact number and e-mail Id etc. In case the same is not available, then purchaser has right to reject such document(s) from evaluation.
4. Bidder to note that this is an Open Tender (Indian) enquiry & consideration of their offer for price bid/RA shall be subjected to the following conditions:
  - a) Qualifying Technical & Financial Pre-Qualification Requirement (attached).
  - b) Techno-commercial acceptance of offer by BHEL-PEM.
  - c) Approval of bidder by End Customer: - Same shall be taken up with end customer based on the latest credentials/reference list furnished by bidder. Accordingly, bidders are requested to submit credential as per the format enclosed herewith along with their technical bid.

It is suggested that suppliers participating in the tender get themselves registered with BHEL-PEM as a "Regular Supplier". Regular Suppliers for the package are informed about the floated tender enquiries by BHEL-PEM. Suppliers to apply online through registration portal available at [www.pem.bhel.com](http://www.pem.bhel.com) - Supplier Section - Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration can be uploaded & submitted online through the website.
5. All corrigenda, addenda, amendments, time extensions, clarifications, etc. to the tender will be hosted on BHEL website ([www.bhel.com](http://www.bhel.com)) & BHEL-PEM website ([www.pem.bhel.com](http://www.pem.bhel.com)). Bidders should regularly visit websites to keep themselves updated.
6. GeM Seller ID shall be mandatory before placement of order/award of contract to the successful bidder.
7. Bidder to quote non-zero freight charges in percentage (%) of their quoted Total Ex-Works prices of supply.
8. Construction Power & Construction water shall be as per s.no -25 of SCC of the project.
9. All Bidders to comply Govt. of India, Ministry of Power, order no-25-111612018-PG dtd 02/07/2020 regarding mandatory testing of all the imported items/equipment's/components.
10. **Insurance Deductibles/Excess:** Insurance of the package shall be in BHEL scope. However, suppliers to take note of the following deductibles/ excess while submitting their offer:  
For Marine Cover: Rs 20,000/-  
For Storage /Erection and Testing Cover:
  - a) Normal Excess: 5 % of the claim amount subject to a minimum of Rs. 2.25 Lakh.
  - b) Testing Excess: 5% of the claim amount subject to minimum of Rs. 6.0 Lakh.

Act of God Perils: 10% of the claim amount subject to minimum of testing period excess.  
Fire / Explosion Claims: 20% of the claim amount subject to minimum of testing period excess  
Extended Maintenance Cover/ Defect Liability Cover: As applicable for testing period excess.  
Third Party Liability: The policy excesses (normal/testing periods) shall apply for third party liability property damage claims also. For third party liability claims arising out of Act of GOD perils. The excess applicable to AOG claims shall apply.

**"The above-mentioned insurance deductibles/excess are tentative in nature and may change after award of contract which will be applicable within quoted price".**



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11. Make in India: For this procurement, the local content to categorize a supplier as Class I local supplier/ Class II local supplier/ Non-Local supplier and purchase preference to Class I local supplier shall be as defined in Public Procurement (Preference to Make India), Order 2017 Rev dated 19.07.2024 issued by DPIT. In case of subsequent order issued by nodal ministry changing the definition of local content for item in NIT, the same shall be applicable even if issued after issue of this NIT but before opening of part-II bids against this NIT. Bidders shall comply with all provisions of the Public Procurement (Preference to Make India), Order 2017 Rev dated 19.07.2024.

This package is not divisible in nature. The margin of purchase preference shall be as per above mentioned order dtd. 19.07.2024. For this tender, offer from **only Class-1 Local Suppliers** (meeting minimum 60% local content requirement) shall be considered.

Bidders are required to provide the following along with the part-1 bid:

- i. Provide a certificate (in line with attached draft) from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
- ii. Provide the details of the location(s) at which the local value addition shall be made.

Please submit the extract of AGM Resolution of your company regarding appointment of statutory auditor or cost auditor of current year.

12. Purchase preference would be applicable to MSE bidders as per GOI circular (No. F.1/4/2021- PPD dtd. 18.05.2023) and any other subsequent circulars / clarifications.

13. Bidders may visit site/ work area and study the job content, facilities available, availability of materials, prevailing site conditions including law & order situation etc. before quoting for this tender. They may also consult this office before submitting their offers, for any clarifications regarding scope of work, facilities available at sites or on terms and conditions. No additional claim shall be entertained by BHEL in future, on account of non-acquaintance of above.

14. Self-declarations/ Auditor's/ Accountant's Certificates submitted by the manufacturer/ supplier may be verified randomly by the committee constituted as per MoP Order 28-07-2020. In case of false documents/misrepresentation of the facts requisite action against such manufacturer/ supplier will be taken based on the recommendation of the Committee.

15. All bidders to declare that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.  
In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.



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16. A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:
- a. they have controlling partner (s) in common;' or
  - b. they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
  - c. they have the same legal representative/agent for purposes of this bid; or
  - d. they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or
  - e. Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid, or
  - f. In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:
    1. The principal manufacturer directly or through one Indian agent on his behalf; and
    2. Indian/foreign agent on behalf of only one principal,'
- or
- g) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid, or
  - h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business. "
17. All the above terms and conditions, post-bid agreements/MoMs (during Techno- Commercial evaluation) shall automatically become a part of the Order/Contract after its finalisation.
18. Bidders to note that offers shall be submitted strictly in accordance with the requirements of tender documents. Bidders shall upload their complete offer meeting the requirements of the tender documents on e-procurement portal <https://eprocurebhel.co.in/nicgep/app>.  
Following documents need to be uploaded:
- a) Offer forwarding/ covering letter
  - b) Local Content Certificate in line with Make in India circular.
  - c) Land Border Certificate.
  - d) Integrity Pact
  - e) Documents required for meeting Technical & Financial PQRs
  - f) Un-price bid, Annexure-II of GCC-BOP Rev 00 (Cost of Withdrawal of Deviation) and Price bid in e-procurement portal.
19. It shall be the responsibility of the bidder to ensure that the tender complete in all respects is uploaded on or before the due date and time. Incomplete/late offers shall not be considered.



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20. All correspondence shall be addressed to the undersigned by name & designation:

**Mr. Sanjeev Kumar, Engineer/BOP**  
**M/s Bharat Heavy Electricals Ltd.,**  
Project Engineering Management,  
3<sup>rd</sup> Floor, BHEL Sadan,  
Plot No 25, Sector-16 A, Noida-201301  
E-MAIL: [sanjeev\\_k@bhel.in](mailto:sanjeev_k@bhel.in)  
Ph. No. 9958175655

**Mr. Upendra Chaudhary, DGM/BOP**  
**M/s Bharat Heavy Electricals Ltd.,**  
Project Engineering Management,  
3<sup>rd</sup> Floor, BHEL Sadan,  
Plot No 25, Sector-16 A, Noida-201301  
E-MAIL: [upendrachaudhary@bhel.in](mailto:upendrachaudhary@bhel.in)  
Ph. No. 8800355885

21. Note - In case you are not making an offer against this enquiry, you are requested to send a regret letter so as to reach us on or before the due date.

Thanking You.  
For and on behalf of BHEL

Sanjeev Kumar  
Engineer/ BOP/ PEM Noida

**Enclosures:** - (1) SCC of the Project (2) Financial PQR (3) Technical Specifications (4) Technical PQR (5) Draft format for Make in India certificate (6) Draft Format for land/ border declaration (7) Price Schedule and Cost of withdrawal of deviation(s) as per annexure II of GCC-BOP (8) Annexure-A to NIT for Delivery Schedule (9) Annexure-B to NIT for Payment Terms (10) Annexure-C to NIT for Guarantee Terms (11) Annexure-D to NIT for Liquidated Damages (12) Annexure for PVC applicability (13) Price Format (14) Integrity Pact

Water Treatment Package - Lara Project							
Annexure-A to NIT for Delivery Schedule							
Scope	Design & Engineering	Main Supply	Mandatory Spares	Annual Maintenance Service	Erection & Commissioning	Supervision of E&C	Operation & Maintenance
Package Name			06 Months from date of BHEL clearance.				
Chemical Dosing System (CDS)	NA	Unit -I : 09 Months from date of PO Unit -II : 12 Months from date of PO		Personnel for Services shall be deputed within 15 days of intimation.	NA	NA	NA
Oxygen Dosing System (ODS)	NA	Unit -I : 09 Months from date of PO Unit -II : 12 Months from date of PO			NA	NA	NA
Lime Dosing System (LDS)	NA	18 Months from date of PO			NA	Personnel for Services shall be deputed within 15 days of intimation.	NA
Pre Treatment Plant	08 months from the date of LOA. Drawing/Documents submission schedule shall be as per Technical Specification.	12 Months from date of LOA		Personnel for Services shall be deputed within 15 days of intimation.	18 Months from LOA or 06 months from date of front clearance from BHEL, whichever is later	Personnel for Services shall be deputed within 15 days of intimation.	NA
Demineralization Plant		12 Months from date of LOA			18 Months from LOA or 05 months from date of front clearance from BHEL, whichever is later	NA	NA
Condensate Polishing Plant		14 Months from date of LOA			24 Months from LOA or 05 months from date of front clearance from BHEL, whichever is later	NA	NA
Effluent Treatment Plant		18 Months from date of LOA			23 Months from LOA or 05 months from date of front clearance from BHEL, whichever is later	NA	NA
Sewage Treatment Plant		18 Months from date of LOA			28 Months from LOA or 06 months from date of front clearance from BHEL, whichever is later	NA	NA
CW Chemical Treatment		12 Months from date of LOA			22 Months from LOA or 06 months from date of front clearance from BHEL, whichever is later	NA	Personnel for Services shall be deputed within 15 days of intimation.
CHP Run-Off Water Treatment System		12 Months from date of LOA			22 Months from LOA or 06 months from date of front clearance from BHEL, whichever is later	Personnel for Services shall be deputed within 15 days of intimation.	NA
Chlorine Dioxide Dosing System		18 Months from date of LOA			23 Months from LOA or 05 months from date of front clearance from BHEL, whichever is later	NA	NA

Water Treatment Package - Lara Project							
Annexure-B to NIT for Payment Terms							
Scope	Design & Engineering	Main Supply	Mandatory Spares	Annual Maintenance Service	Erection & Commissioning	Supervision of E&C	Operation & Maintenance
Package Name							
Chemical Dosing System (CDS)	NA	Payment of basic price of supplied materials (as per PO/ approved billing schedule) along with freight and taxes and duties (as applicable), shall be paid against receipt of material (receipted LR) at site on pro-rata basis. 10% of basic	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	NA	NA	NA
Oxygen Dosing System (ODS)	NA	price of materials supplied will be retained as security deposit which will be released on pro – rata basis as below:  On receipt of Material Receipt Certificate (MRC) from project site	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	NA	NA	NA
Lime Dosing System (LDS)	NA	engineer of owner/purchaser and on submission of certificate of submission of all the final documents for the package duly certified by Engineering Department of Purchaser.	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	NA	As per Clause no-9.4 of GCC BOP	NA
Pre Treatment Plant	As per Clause no-9.4 of GCC BOP. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply.	As per Clause no-9.2 of GCC BOP	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	As per Clause no-9.3 of GCC BOP	As per Clause no-9.4 of GCC BOP	NA
CHP Run-Off Water Treatment System	As per Clause no-9.4 of GCC BOP. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply.	As per Clause no-9.2 of GCC BOP	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	As per Clause no-9.3 of GCC BOP	As per Clause no-9.4 of GCC BOP	NA
CW Chemical Treatment	As per Clause no-9.4 of GCC BOP. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply.	As per Clause no-9.2 of GCC BOP	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	As per Clause no-9.3 of GCC BOP	NA	As per Clause no-9.4 of GCC BOP
Demineralization Plant	As per Clause no-9.4 of GCC BOP. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply.	As per Clause no-9.2 of GCC BOP	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	As per Clause no-9.3 of GCC BOP	NA	NA
Condensate Polishing Plant	As per Clause no-9.4 of GCC BOP. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply.	As per Clause no-9.2 of GCC BOP	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	As per Clause no-9.3 of GCC BOP	NA	NA



Water Treatment Package - Lara Project							
Annexure-B to NIT for Payment Terms							
Scope	Design & Engineering	Main Supply	Mandatory Spares	Annual Maintenance Service	Erection & Commissioning	Supervision of E&C	Operation & Maintenance
<b>Effluent Treatment Plant</b>	As per Clause no-9.4 of GCC BOP. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply.	As per Clause no-9.2 of GCC BOP	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	As per Clause no-9.3 of GCC BOP	NA	NA
<b>Sewage Treatment Plant</b>	As per Clause no-9.4 of GCC BOP. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply.	As per Clause no-9.2 of GCC BOP	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	As per Clause no-9.3 of GCC BOP	NA	NA
<b>Chlorine Dioxide Dosing System</b>	As per Clause no-9.4 of GCC BOP. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply.	As per Clause no-9.2 of GCC BOP	As per Clause no-9.1 of GCC BOP	As per Clause no-9.4 of GCC BOP. Payment of AMS shall be done on quarterly basis after completion of each activity or as specified in NIT, on Site certification/ certification by engineering as applicable.	As per Clause no-9.3 of GCC BOP	NA	NA

Water Treatment Package - Lara Project							
Annexure-C to NIT for Guarantee Period							
Scope	Design & Engineering	Main Supply	Mandatory Spares	Annual Maintenance Service	Erection & Commissioning	Supervision of E&C	Operation & Maintenance
Package Name							
Chemical Dosing System (CDS)	NA	Eighteen (18) months from the date of last dispatch.	Eighteen (18) months from the date of last dispatch.	NA	NA	NA	NA
Oxygen Dosing System (ODS)		Eighteen (18) months from the date of last dispatch.	Eighteen (18) months from the date of last dispatch.				
Lime Dosing System (LDS)		Eighteen (18) months from the date of last dispatch.	Eighteen (18) months from the date of last dispatch.				
Pre Treatment Plant	NA	As per Clause no-12.0 of GCC BOP	As per Clause no-12.0 of GCC BOP	NA	NA	NA	NA
Demineralization Plant		As per Clause no-12.0 of GCC BOP	As per Clause no-12.0 of GCC BOP				
Condensate Polishing Plant		As per Clause no-12.0 of GCC BOP	As per Clause no-12.0 of GCC BOP				
Effluent Treatment Plant		As per Clause no-12.0 of GCC BOP	As per Clause no-12.0 of GCC BOP				
Sewage Treatment Plant		As per Clause no-12.0 of GCC BOP	As per Clause no-12.0 of GCC BOP				
CW Chemical Treatment		As per Clause no-12.0 of GCC BOP.	As per Clause no-12.0 of GCC BOP				
CHP Run-Off Water Treatment System		As per Clause no-12.0 of GCC BOP	As per Clause no-12.0 of GCC BOP				
Chlorine Dioxide Dosing System		As per Clause no-12.0 of GCC BOP	As per Clause no-12.0 of GCC BOP				

Water Treatment Package - Lara Project								
Annexure-D to NIT for LD								
Scope	Design & Engineering	Main Supply	Mandatory Spares	Annual Maintenance Service	Erection & Commissioning	Supervision of E&C	Operation & Maintenance	Remarks
Package Name								
Chemical Dosing System (CDS)	NA	As per Clause no-16.2.1 (b1) Corrigendum-01 to GCC BOP..	As per Clause no-16.2.1 (a) Corrigendum-01 to GCC BOP..	As per Clause no-16.2.1 (c) Corrigendum-01 to GCC BOP..	NA	NA	NA	Other conditions for levying LD shall be as per 16.0 of GCC BOP
Oxygen Dosing System (ODS)	NA				NA	NA	NA	
Lime Dosing System (LDS)	NA				NA	As per Clause no-16.2.1 (c) Corrigendum-01 to GCC BOP.	NA	
Pre Treatment Plant	As per Clause no-16.2.1 (c) Corrigendum-01 to GCC BOP.	As per Clause no-16.2.1 (b1) Corrigendum-01 to GCC BOP.	As per Clause no-16.2.1 (a) Corrigendum-01 to GCC BOP.	As per Clause no-16.2.1 (c) Corrigendum-01 to GCC BOP.	As per Clause no-16.2.1 (b2) Corrigendum-01 to GCC BOP.	As per Clause no-16.2.1 (c) Corrigendum-01 to GCC BOP.	NA	
Demineralization Plant						NA	NA	
Condensate Polishing Plant						NA	NA	
Effluent Treatment Plant						NA	NA	
Sewage Treatment Plant						NA	NA	
CW Chemical Treatment						NA	As per Clause no-16.2.1 (c) Corrigendum-01 to GCC BOP.	
CHP Run-Off Water Treatment System						As per Clause no-16.2.1 (c) Corrigendum-01 to GCC BOP.	NA	
Chlorine Dioxide Dosing System						NA	NA	

MAIN PRICE FORMAT_SUPPLY + TURNKEY PACKAGES					
NAME OF PROJECT:		LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)			
NAME OF PACKAGE:		WATER TREATMENT PACKAGES			
TECHNICAL SPECIFICATION:		PE-TS-508-404-W001			
Enquiry No		77/23/6105/SAN Dated 30.08.2024			
Vendor Name					
Please fill the yellow cells only					
S.NO	DESCRIPTION	UNIT	QTY	Total Evaluation Price Including Freight (INR)	
1.0	Total lump sum firm price for complete scope of Water Treatment Packages listed below as per technical specification		Set	1	
	List of Packages				
	Supply Package	Turnkey Packages			
	Chemical Dosing System (CDS)	Chlorine Dioxide Dosing System (CLO2)			
	Oxygen Dosing System (ODS)	Sewage Treatment Plant (STP)			
	Lime Dosing System (LDS)	Effluent Treatment Plant (ETP)			
		Condensate Polishing Plant (CPU)			
		CW Chemical Treatment (CWT)			
		CHP Run-Off Water Treatment System (CHP WTP)			
		Pre Treatment Plant (PT Plant)			
		Demineralization Plant (DM Plant)			
	Freight % applicable on Main Supply and Mandatory Spares of Supply and Turnkey Packages				

PRICE FORMAT_SUPPLY PACKAGES													
NAME OF PROJECT:		LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)											
NAME OF PACKAGE:		WATER TREATMENT PACKAGES											
TECHNICAL SPECIFICATION:		PE-TS-508-404-W001			Supply				Services		Total Scope (Supply + Services)		
S. No.	DESCRIPTION	UNIT	QTY	Total Ex-Works Price (INR)	Freight %	Freight in INR	Total FOR Site Price Excluding GST	Unit Price (INR)	Total Price (INR)				
1.0	Total lump sum firm price for <b>SUPPLY PART, SERVICES PART &amp; MANDATORY SPARES</b> comprising of design (i.e. Preparation and submission of drawing/ documents including "As Built" drawings and O&M Manuals), engineering, manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, first fill of lubricants & consumables, <b>AMS (Annual Maintenance Services), mandatory spares</b> along with spares for erection, start up and commissioning spares, forwarding, proper packing, shipment and delivery at site of Supply Packages i.e. <b>Chemical Dosing System (CDS), Oxygen Dosing System (ODS), Lime Dosing System (LDS)</b> along with Supervision of Lime Dosing System (LDS) for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1							₹	-		
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.												
2.1	Total lump sum firm price for <b>SUPPLY PART</b> comprising of design (i.e. Preparation and submission of drawing/ documents including "As Built" drawings and O&M Manuals), engineering, manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, first fill of lubricants & consumables, spares for erection, start up and commissioning spares, forwarding, proper packing, shipment and delivery at site of Supply Package i.e. <b>Chemical Dosing System (CDS)</b> for project and packages specified complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	₹	-	0.00%	₹	-	₹	-	₹	-	
2.2	Total lump sum firm price for <b>SUPPLY PART</b> comprising of design (i.e. Preparation and submission of drawing/ documents including "As Built" drawings and O&M Manuals), engineering, manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, first fill of lubricants & consumables, spares for erection, start up and commissioning spares, forwarding, proper packing, shipment and delivery at site of Supply Package i.e. <b>Oxygen Dosing System (ODS)</b> for project and packages specified complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	₹	-	0.00%	₹	-	₹	-	₹	-	
2.3	Total lump sum firm price for <b>SUPPLY PART</b> comprising of design (i.e. Preparation and submission of drawing/ documents including "As Built" drawings and O&M Manuals), engineering, manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, first fill of lubricants & consumables, spares for erection, start up and commissioning spares, forwarding, proper packing, shipment and delivery at site of Supply Package i.e. <b>Lime Dosing System (LDS)</b> for project and packages specified complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	₹	-	0.00%	₹	-	₹	-	₹	-	
2.4	Total lump sum firm price for <b>MANDATORY SPARES</b> comprising of manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting,forwarding, proper packing, shipment and delivery at site of Supply Packages i.e. <b>Chemical Dosing System (CDS)</b> for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	₹	-	0.00%	₹	-	₹	-	₹	-	
2.5	Total lump sum firm price for <b>MANDATORY SPARES</b> comprising of manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting,forwarding, proper packing, shipment and delivery at site of Supply Package i.e. <b>Oxygen Dosing System (ODS)</b> for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	₹	-	0.00%	₹	-	₹	-	₹	-	
2.6	Total lump sum firm price for <b>MANDATORY SPARES</b> comprising of manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting,forwarding, proper packing, shipment and delivery at site of Supply Package i.e. <b>Lime Dosing System (LDS)</b> for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	₹	-	0.00%	₹	-	₹	-	₹	-	
2.7	Total lump sum firm price i for <b>AMS (Annual Maintenance Services)</b> of Supply Package i.e. <b>Chemical Dosing System (CDS)</b> for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1						₹	-	-	₹	-
2.8	Total lump sum firm price for <b>AMS (Annual Maintenance Services)</b> of Supply Package i.e. <b>Oxygen Dosing System (ODS)</b> for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1						₹	-	-	₹	-
2.9	Total lump sum firm price i for <b>AMS (Annual Maintenance Services)</b> of Supply Package i.e. <b>Lime Dosing System (LDS)</b> for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1						₹	-	-	₹	-
2.10	Total lump sum firm price for <b>SERVICES PART</b> comprising of Supervision of Lime Dosing System (LDS) for project and package specified complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1						₹	-	-	₹	-
Note: 1.) Payment against AMS (at S. No. 2.7, 2.8 & 2.9) shall be released on pro-rata basis as per billing break-up finalized during detailed engineering. 2.) Successful Bidder to furnish the price break -up of S.No 2.1, 2.2, 2.3 & 2.10 in Annexure-II after coompletion of RA/PBO. 3.) Bidder to refer Annexure I for percentage break up of each supply / service component of each package. Bidder has to follow the same and ordering shall be done as per percentage break up given only.													

PRICE FORMAT _TURNKEY PACKAGES											
NAME OF PROJECT:		LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)									
NAME OF PACKAGE:		WATER TREATMENT PACKAGES									
TECHNICAL SPECIFICATION:		PE-TS-508-404-W001			Supply				Services		
S. No.	DESCRIPTION	UNIT	QTY	Total Ex-Works Price (INR)	Freight %	Freight in INR	Total FOR Site Price Excluding GST	Unit Price (INR)	Total Price (INR)	Total Scope (Supply + Services)	
1.0	Total lump sum firm price for SUPPLY PART, SERVICES PART & MANDATORY SPARES comprising of design (i.e. Preparation and submission of drawing/ documents including "As Built" drawings and O&M Manuals,preparation of drawings in 3D), engineering, manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, first fill of lubricants & consumables, Chemicals as specified, AMS (Annual Maintenance Services), mandatory spares along with spares for erection, start up and commissioning spares, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation & storage at site, in site transportation, assembly of Turnkey packages i.e. Chlorine Dioxide Dosing System (CLO2), Sewage Treatment Plant (STP) ,Effluent Treatment Plant (ETP), Condensate Polishing Plant (CPU), CW Chemical Treatment (CWT), CHP Run-Off Water Treatment System (CHP WTP), Pre Treatment Plant (PT Plant) & Demineralization Plant (DM Plant), Erection & commissioning, trial run at site, carrying out Performance guarantee tests at site and training of customer/ client O&M staff for the turnkey packages, Operation and Maintenance of CW treatment plant, civil analysis & design of all civil structural & architectural works of PT plant & CHP run off Water treatment plant, Supervision of Complete civil structural, architectural & construction works in Pre Treatment plant & CHP run off Water treatment plant and final handing over to end customer in flawless condition for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1							₹ -	
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.										
2.1	Total lump sum firm price i for SUPPLY PART comprising of manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, first fill of lubricants & consumables, Chemicals as specified, preparation of drawings in 3D, spares for erection, start up and commissioning spares, forwarding, proper packing, shipment and delivery at site of Turnkey packages i.e. Chlorine Dioxide Dosing System (CLO2), Sewage Treatment Plant (STP), Effluent Treatment Plant (ETP), Condensate Polishing Plant (CPU), CW Chemical Treatment (CWT), CHP Run-Off Water Treatment System (CHP WTP), Pre Treatment Plant (PT Plant) & Demineralization Plant (DM Plant) for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	₹ -	0.00%	₹ -	₹ -			₹ -	
2.2	Total lump sum firm price for SERVICES PART comprising of unloading, handling, transportation & storage at site, in site transportation, assembly, minor civil works of Turnkey packages i.e. Chlorine Dioxide Dosing System (CLO2), Sewage Treatment Plant (STP) ,Effluent Treatment Plant (ETP), Condensate Polishing Plant (CPU), CW Chemical Treatment (CWT), CHP Run-Off Water Treatment System (CHP WTP), Pre Treatment Plant (PT Plant) & Demineralization Plant (DM Plant), Erection & commissioning, trial run at site, carrying out Performance guarantee tests at site and training of customer/ client O&M staff for the turnkey packages and final handing over to end customer in flawless condition for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1					₹ -	₹ -	₹ -	
2.3	Total lump sum firm price for MANDATORY SPARES comprising of manufacture, fabrication, assembly, inspection/ testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment and delivery at site of Turnkey packages i.e. Chlorine Dioxide Dosing System (CLO2), Sewage Treatment Plant (STP) ,Effluent Treatment Plant (ETP), Condensate Polishing Plant (CPU), CW Chemical Treatment (CWT), CHP Run-Off Water Treatment System (CHP WTP), Pre Treatment Plant (PT Plant) & Demineralization Plant (DM Plant) for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1	₹ -	0.00%	₹ -	₹ -			₹ -	
2.4	Total lump sum firm price for AMS (Annual Maintenance Services) of analysers & profibus instruments of Turnkey packages i.e. Chlorine Dioxide Dosing System (CLO2), Sewage Treatment Plant (STP) ,Effluent Treatment Plant (ETP/LET), Condensate Polishing Plant (CPU), CW Chemical Treatment (CWT), CHP Run-Off Water Treatment System (CHP WTP), Pre Treatment Plant (PT Plant) & Demineralization Plant (DM Plant) for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1					₹ -	₹ -	₹ -	
2.5	Total lump sum firm price for Operation and Maintenance of CW treatment plant for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Months	12					₹ -	₹ -	₹ -	
2.6	Total lump sum firm price for Supervision of Complete civil structural, architectural & construction works in Pre Treatment plant & CHP run off Water treatment plant for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1					₹ -	₹ -	₹ -	
2.7	Total lump sum firm price for design (i.e. Preparation and submission of drawing/ documents including "As Built" drawings and O&M Manuals), engineering of Turnkey packages i.e. Chlorine Dioxide Dosing System (CLO2), Sewage Treatment Plant (STP) ,Effluent Treatment Plant (ETP), Condensate Polishing Plant (CPU), CW Chemical Treatment (CWT), CHP Run-Off Water Treatment System (CHP WTP), Pre Treatment Plant (PT Plant) & Demineralization Plant (DM Plant), along with civil analysis & design of all civil structural & architectural works of PT plant & CHP run off Water treatment plant for project and packages specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1					₹ -	₹ -	₹ -	
Note: 1) Payment against AMS (at S. No. 2.4) shall be released on pro-rata basis as per billing break-up finalized during detailed engineering. 2) For detailed scope of Operation and Maintenance, Annexure-XI of Technical Specification (PE-TS-508-404-W001) to be referred. Any variation in no. of months shall be exercised based on unit rate arrived from price quoted against Sl.no 2.5 above. 3) For detailed scope of Supervision of Complete civil structural, architectural & construction works, Annexure-XIV of Technical Specification (PE-TS-508-158-W001) to be referred. Any variation in no. of months/ days shall be exercised based on unit rate arrived from price quoted against Sl.no 2.6 above. Detailed BBU for unit rate shall be prepared by bidder during detailed engineering. 4) Please note that the complete engineering of the package is in the scope of bidder as per the tender requirement. However, for the payment purpose bidder to note that 50% of price as per sl. no. 2.7 shall be made against basic engineering (i.e. submission and approval of basic drawing/ documents as indicated in tender specification Section-I, Sub section-IA, Annexure-IV) of all Water treatment packages and the remaining payment shall be made for the balance engineering drawing /document submission & approval of all Water treatment packages on pro-rata basis. 5) Bidder to refer Annexure I for percentage break up of each supply/ service component of each package. Bidder has to follow the same and ordering shall be done as per percentage break up given only.											

**ANNEXURE I**

<b>NAME OF PROJECT:</b>	<b>LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)</b>
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<b>NAME OF PACKAGE:</b>	<b>WATER TREATMENT PACKAGES</b>
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TECHNICAL SPECIFICATION:	PE-TS-508-404-W001
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PACKAGE	SUPPLY OF TOTAL WTP PRICE	ERECTION & COMMISSIONING OF TOTAL WTP PRICE	MANDATORY SPARES OF TOTAL WTP PRICE	ANNUAL MAINTENANCE SERVICES OF TOTAL WTP PRICE	ENGINEERING CHARGES OF TOTAL WTP PRICE	OPERATION & MAINTENANCE OF TOTAL WTP PRICE	SUPERVISION OF TOTAL WTP PRICE
Chemical Dosing System	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Oxygen Dosing System	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Lime Dosing System	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Pre Treatment Plant	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Demineralization Plant	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Condensate Polishing Plant	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Effluent Treatment Plant	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Sewage Treatment Plant	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
CW Chemical Treatment	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
CHP Run-Off Water Treatment System	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -
Chlorine Dioxide Dosing System	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -	₹ -

**Note: Above prices are exclusive of applicable taxes and duties.**



PRICE FORMAT ANNEXURE-II				
NAME OF PROJECT:		LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)		
NAME OF PACKAGE:		WATER TREATMENT PACKAGES (SUPPLY PACKAGES)		
TECHNICAL SPECIFICATION:		PE-TS-508-404-W001		
S. No.	DESCRIPTION	UNIT	QTY	Total Ex-Works Price (INR)
<b>BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF SUPPLY PACKAGE (CHEMICAL DOSING SYSTEM)</b>				
2.1.1	Ammonia dosing skid	Nos.	2	
2.1.2	NaOH dosing skid	Nos.	4	
2.1.4	Supply of <b>Commissioning spares</b> (As per BHEL NIT & tender technical specification, amendment & agreements till placement of order.)	Set	1	
<b>BREAK-UP OF SUPPLY PRICES GIVEN IN 2.2 OF SUPPLY PACKAGE (OXYGEN DOSING SYSTEM)</b>				
2.2.1	Oxygen dosing skid (including oxygen cylinders mounted on each skid)	Nos.	8	
2.2.2	Accessories (as described below):-			
2.2.2.1	Injector Assembly	Nos.	8	
2.2.2.2	15 NB, SS 316, 18 BWG tubing for oxygen dosing	Meters	500	
2.2.2.3	SS 316 Tube fittings --tees	Nos.	20	
2.2.2.4	SS 316 Tube fittings --90° elbows	Nos.	20	
2.2.2.5	Filled oxygen cylinders	Nos.	64	
2.2.2.6	Rack to hold 32 filled oxygen cylinders	Nos.	2	
2.2.2.7	Compression fittings	Nos.	85	
<b>BREAK-UP OF SUPPLY PRICES GIVEN IN 2.3 OF SUPPLY PACKAGE (LIME DOSING SYSTEM)</b>				
2.3.1	Surge Hopper	No.	1	
2.3.2	Vibrating Feeder	No.	1	
2.3.3	Continuous Discharge Twin Feed Type Bucket Elevator with standard components like buckets, belt, drive/ tail pulleys with shaft & bearing assemblies, middle/ top/ bottom casings, take up unit, drive base frame, drive unit- geared motor (IE3), chain for final power transmission, zero speed switch, complete along with all accessories, 2-way (motorised) Diverter Flap Gate, interconnecting flanges/ chutes, hardware & gaskets.	No.	1	
2.3.4	Lime Silos (MS with SS 304 lining on conical portion) complete with supporting steel structure, platforms, ladders, railings, level switches, air relief devices, aeration pads/ flexible vibro pads/ electro-magnetic vibrators (for conical portion of silo) along with all accessories, interconnecting flanges/ chutes, hardware & gaskets.	Nos.	2	
2.3.5	Self-cleaning Bag Filter System of suitable capacity along with blowers, automatic/ on-load cleaning system.	Set	2	
2.3.6	Manual Knife Gates with interconnecting flanges, hardware & gaskets.	Nos.	2	
2.3.7	Motorized knife Gates along with accessories, interconnecting flanges, hardware & gaskets.	Nos.	2	
2.3.8	Rotary vane feeders/ Rotary air lock feeders (MOC –Stainless Steel) along with motor (IE3), interconnecting flanges, hardware & gaskets.	Nos.	2	

S. No.	DESCRIPTION	UNIT	QTY	Total Ex-Works Price (INR)
2.3.9	Screw Conveyors complete with screw flight with pipe, trough, end plates, inlet/outlet standard chutes, end shafts with bearings & plumber blocks, drive base frame, dust seals, drive geared motor (IE3), output coupling, zero speed switch, with interconnecting flanges, hardware & gaskets along with all accessories.	Set	2	
2.3.10	Neutralisation Tanks (MSRL) with SS dissolving basket, drain, manholes and all necessary arrangement/ nozzles.	Nos.	2	
2.3.11	Agitators of SS construction with motor/ reduction gear and its mounting arrangement.	Nos.	2	
2.3.12	Lime Slurry Dosing Pumps along with motor (IE3).	Set	2	
2.3.13	Complete interconnected piping (slurry, air and water pipes) along with valves, rubber lining (wherever applicable), supports, gaskets, fasteners and accessories which is integral to Lime Feeding/ Dosing system - Process water piping from TP outside building to	Set	1	
2.3.14	Complete interconnected piping (slurry, air and water pipes) along with valves, rubber lining (wherever applicable), supports, gaskets, fasteners and accessories which is integral to Lime Feeding/ Dosing system - Lime slurry piping from Neutralization Tanks to dosing pumps inlet & from feeding/ dosing pumps outlet to Waste water tank inlet along with re-circulation line with all required valves, fittings.	Set	1	
2.3.15	Complete interconnected piping (slurry, air and water pipes) along with valves, rubber lining (wherever applicable), supports, gaskets, fasteners and accessories which is integral to Lime Feeding/ Dosing system - All Interconnecting pipe/ ducts, valves and all chutes (Instrument air, water line, slurry lines).	Set	1	
2.3.16	Complete interconnected piping (slurry, air and water pipes) along with valves, rubber lining (wherever applicable), supports, gaskets, fasteners and accessories which is integral to Lime Feeding/ Dosing system - Instrument air piping from TP outside building unto equipment related to the system.	Set	1	
2.3.17	Supporting steel structure, platforms, ladders, railings, and holdback as applicable along with all accessories and necessary hardware for complete Lime Feeding/ Dosing System.	Set	1	
2.3.18	Complete instruments associated with equipment and integral piping for Lime Feeding/ Dosing system as per P&ID.	Set	1	
2.3.19	Special tools & Tackles/ Erection and start-up/ commissioning spares	Set	1	
<b>BREAK-UP OF SERVICE PART PRICES GIVEN IN 2.10 OF SUPPLY PACKAGE (LIME DOSING SYSTEM)</b>				
2.10.11	Visits charges as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Nos.	2	
2.10.12	Prices for Supervision of Erection and Commissioning as per BHEL NIT & tender technical specification, amendment & agreements till	days	30	

ANNEXURE-II DEVIATION SHEET (COST OF WITHDRAWAL)									
PROJECT:-						WATER TREATMENT PACKAGES			
PACKAGE :-						LARA SUPER THERMAL POWER PROJECT STAGE-II (2X800 MW)			
TENDER ENQUIRY :-						77/23/6105/SAN Dated 30.08.2024			
NAME OF THE BIDDER									
Sl. No.	Volume/Section	Page No.	Clause No.	Technical Specification/Tender Document No	Complete Description of Deviation	Cost of withdrawal of deviation to be entered by the bidder in	Reference of price Schedule of which Cost of Withdrawal of Deviation is applicable	Nature of cost of withdrawal of deviation (Positive/Negative)	Reasons for quoting deviation
1	TECHNICAL DEVIATION								
1.01									
1.02									
1.03									
1.04									
1.05									
1.06									
1.07									
1.08									
2	COMMERCIAL DEVIATION								
2.01									
2.02									
2.03									
2.04									
2.05									
2.06									
2.07									
2.08									

NOTES:  
1. Cost of Withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.  
2. All the bidders have to list out all their technical & commercial deviations (if any) in details in the above format.  
3. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.  
4. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawal of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.  
5. Bidder shall furnish price copy of above format along with price bid.  
6. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.  
7. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.  
8. For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawal of deviation loading as per Annexure-VII of GCC, Rev-07 will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawal of deviation shall be taken as NIL.  
9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted.  
10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.  
11. Cost of withdrawal is to be given separately for each deviation. In no event bidder should club cost of withdrawal of more than one deviation else cost of withdrawal of such deviations which have been clubbed together shall be considered as NIL.  
12. In case nature of cost of withdrawal (positive/negative) is not specified it shall be assumed as positive.  
13. In case of discrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.



**TECHNICAL PRE-QUALIFICATION REQUIREMENT  
FOR  
2x800MW LARA TPS  
WATER TREATMENT PACKAGES**

PE-PQ-508-404-W001

DATE 02/08/2024

REV NO 00

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SL. NO.	DESCRIPTION
1	<b>TECHNICAL PRE-QUALIFICATION REQUIREMENT</b>
1.1	<b>Pre-treatment Plant (PTP)</b> The Bidder should have designed, supplied, erected and commissioned at least one (1) number water/waste water treatment plant having capacity of not less than 1000 Cu.m/hr, comprising of clarifiers/tube settlers/thickeners or a combination thereof including civil works. The plant should have been in successful operation for at least one (1) year as on the date of <b>03.03.2023</b> .
1.2	<b>Demineralization Plant (DM Plant)- (ION EXCHANGE BASED/ REVERSE OSMOSIS BASED)</b> <b>Ion Exchange based DM Plant</b> The Bidder should have designed, supplied, erected and commissioned at least one (1) number of ion exchange based demineralizing plant, consisting of at least two (2) streams each of minimum 60 cum./hr capacity, capable of producing outlet water quality of silica and conductivity not more than 0.02 ppm as SiO <sub>2</sub> and 0.2 micromho/cm respectively, which should have been in successful operation for at least one (1) year as on the date of <b>03.03.2023</b> . <b>OR</b> <b>Reverse Osmosis Plant DM Plant</b> In case the Bidder offers reverse osmosis with mixed bed combination plant for DM water, the Bidder should have designed, supplied, erected and commissioned / supervised commissioning of one (1) number Reverse Osmosis (RO) Plant of minimum capacity (permeate flow) of 120 Cum/hr OR two (2) numbers RO Plants in separate contracts each of minimum capacity (permeate flow) of 60 Cum/hr OR three (3) numbers RO Plants in separate contracts each of minimum capacity (permeate flow) of 40 Cum/hr. The above RO plant (s) should be having inlet feed Water with TDS $\geq$ 500 ppm and capable of producing permeate water quality with TDS not more than 100 ppm OR having inlet feed as sea water and capable of producing permeate water quality with TDS not more than 500 ppm. The plant (s) should have been in successful operation for at least one (1) year as on the date of <b>03.03.2023</b> .
1.3	<b>Condensate Polishing Plant (CPU)</b> a. The Bidder should have designed, supplied, erected and commissioned at least one (1) Condensate Polishing Plant of mixed bed, deep bed type consisting of service vessel of minimum capacity of 500 M <sup>3</sup> /hr. The plant shall have external regeneration system, incorporating the same resin separation and regeneration process as proposed by the Bidder for this package. The above plant should have been in successful operation for a period of at least one (1) year as on the date of <b>03.03.2023</b> . <b>OR</b> b. The Bidder Should be a contractor in water treatment plant and has executed at least one (1) number ion exchange based demineralizing plant of minimum capacity of 60 Cu.m/hr consisting of maximum two (2) streams and associates for this bid with an Associate who in turn fully meets the requirements stipulated at 1.3(a). In such a case, the Bidder shall be required to furnish a letter of technical support from Collaborator / Associate for successful performance of Condensate Polishing Plant, as per the format enclosed.
1.4	<b>CW Chemical Treatment (CWTP)</b> The Bidder should have executed contracts for cooling water treatment program of at least two (2) different cooling water systems each having a flow rate not less than 10,000 cum/hr operating in alkaline pH range and both the treatment programs should have been in successful operation for at least one (1) year as on the date of <b>03.03.2023</b> . These contracts should include supply of chemicals, operation and maintenance of the system by main contractor or their agency/sub-supplier. The Chemicals used in these programs should have been organic polymers/ organic phosphorous compounds/ organic phosphates-based chemicals.



**TECHNICAL PRE-QUALIFICATION REQUIREMENT  
FOR  
2x800MW LARA TPS  
WATER TREATMENT PACKAGES**

PE-PQ-508-404-W001	
DATE	02/08/2024
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**NOTES:**

<b>A</b>	<p>Bidder should necessarily meet pre-qualification requirement for any one of the packages out of PTP, DM Plant &amp; CPU.</p> <p>Out of following listed packages, for which bidder does not meet the PQ Requirements, bidder shall submit a valid and duly notarised undertaking as per attached format, along with bid, stating that bidder would outsource these package(s) to a supplier(s) (sub vendor(s)) who meets the PQ requirements stipulated at Sl. No. 1 above.</p> <ul style="list-style-type: none"> <li>(i) Pre-treatment Plant (PTP) defined at SL. NO. 1.1</li> <li>(ii) Demineralization Plant (Either Ion Exchange/ Reverse Osmosis Based) defined at SL. NO. 1.2</li> <li>(iii) Condensate Polishing Plant (CPU) SL. NO. 1.3</li> <li>(iv) CW Chemical Treatment (CWTP) SL. NO. 1.4</li> </ul> <p>All the PQR related supporting documents shall be provided by bidder in line with "NOTE-B" below for BHEL/ Customer approval. Any other document which is not mentioned under "NOTE B", however required by BHEL/customer during bidder or sub vendor approval, shall be provided by bidder.</p>
<b>B</b>	<p>For establishing above mentioned PQR requirement of package(s), the bidder has to submit the following supporting documents:</p> <ul style="list-style-type: none"> <li>a. For establishing PQ requirements for PTP, DM Plant, CPU, copy of minimum one (1) respective performance certificate and for CWTP package, copy of minimum two (2) performance certificates in English from end user specifying that the system is running successfully for at least one (1) year as on the date of 03.03.2023 along with copy of related Purchase Order (PO)/ Letter of Intent (LOI)/ Letter of award (LOA) or Work order (WO), in support of PQR clause mentioned at stipulated clauses above.</li> <li>b. Bidder shall submit supporting documents to substantiate technical parameters specified in PQR, if the same is not mentioned in performance certificate/purchase order. In order to meet the PQR, the bidder shall provide all necessary data such as type, design, make, capacity, duty conditions, date of commissioning/ operation etc.</li> <li>c. Bidder to submit supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.</li> <li>d. Consideration of offer shall be subjected to end customer's (NTPC) approval of bidder.</li> <li>e. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.</li> </ul> <p>Notwithstanding anything stated above, BHEL/Customer reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in overall interest of BHEL/Customer.</p>
<b>C</b>	<p>Bidder shall submit the supporting documents as per "NOTE B" for approval of the sub vendor(s), to BHEL/Customer within 15 days of placement of LOI. Subsequent to approval of the proposed sub vendor(s), the successful bidder will place the order on approved sub vendor(s) within seven (7) days.</p> <p>The approval of the sub vendor(s) shall be subject to BHEL/Customer acceptance without any cost &amp; time implication to BHEL/customer.</p>
<b>D</b>	<p>Bidding through Joint Venture &amp; Consortium are not allowed for the tender except for CPU wherein letter of technical support from collaborator/ associate has been allowed as per Sl. No. 1.3(b).</p>

## **UNDERTAKING**

**(Valid and duly notarized on appropriate value stamp paper)**

M/s....., having its Registered office at [Complete Address], a company duly organized and existing under the laws of [Country/Act], thereafter termed as "Bidder" having been duly sworn in accordance with the law, do hereby confirms the following:

1. That undertaking is given in connection with [Tender Number/ 2X800 MW Lara Thermal Power Project] for the scope defined as per technical specification of water treatment packages as part of the bidding process.
2. That bidder understands that the pre-qualification requirement stipulated in "TECHNICAL PRE-QUALIFICATION REQUIREMENT FOR 2X800 MW LARA TPS" document no PE-PQ-508-404-W001 are being met for PTP and/or DMP and/or CPU package(s).
3. That for remaining package(s) PTP and/or DMP and/or CPU and/or CWTP would be outsourced to a supplier(s) (sub vendor(s)) who meets the PQ requirements stipulated at SI No 1 of technical pre-qualification requirement for 2X800 MW Lara TPS. [strike off whichever package is not applicable based on bidder's credential]
4. That successful bidder shall submit the supporting documents for approval of the sub vendor(s) declared at SI No 3 above, to BHEL/Customer within 15 days of placement of LOI. Subsequent to approval of the proposed sub vendor(s), the successful bidder will place the order on approved sub vendor(s) within seven (7) days.
5. That successful bidder shall outsource the package(s) to respective approved sub vendor(s). However, Successful bidder shall be solely liable to the BHEL/Customer to perform contractual obligations including the Design, supply, Erection & commissioning, trial run, performance guarantees and handing over of the respective package(s).
6. That bidder shall not change the sub vendor(s) once package is outsourced to approved sub vendor(s) till contract closer without written permission of BHEL.

# LETTER OF TECHNICAL SUPPORT FOR CONDENSATE POLISHING UNIT

LETTER OF SUPPORT FOR SATISFACTORY PERFORMANCE OF ..... (Name of Equipment) FOR LARA SUPER THERMAL POWER PROJECT, STAGE-II  
(2X800 MW) EPC PACKAGE

TO:

[EMPLOYERS NAME & ADDRESS]

Sub: Letter of Support submitted From ..... (name of the Associate /Collaborator\*/Technology provider\*/Licensor\*/Qualified equipment manufacturer\*) undertaking the responsibility for satisfactory performance of .....(name of the equipment).

Dear Sirs,

1. In accordance with the Award of the Contract by ..... (Name of the Contractor) to M/s. .... (Name of the sub-vendor), we the aforesaid Associate /Collaborator\*/Technology provider\*/Licensor\*/Qualified equipment manufacturer\*, (M/s ..... ) shall be fully responsible for the satisfactory performance of the ..... (Equipment name).
2. Further, the manner of achieving the objective set forth in point 1 above shall be as follows:  
For ..... (Equipment name):
  - (A) We shall provide and shall be fully responsible for design, engineering & commissioning, manufacturing and assembly drawings of..... (Equipment name). ..... (Equipment name) shall be manufactured and supplied as per above design provided by us and the drawings approved by Employer.
  - (B) We shall depute technical experts to Bidder's/sub-vendor's works for supervision during manufacturing, assembly, erection, commissioning and final testing (as and when necessary) of the..... (Equipment name).
  - (C) We shall promptly carry out all the corrective measures and shall promptly provide corrected design and shall undertake replacements, rectifications or modifications to the equipment as required in case the equipment fails to demonstrate successful performance as per contract at site.
  - (D) We shall participate in Technical Co-ordination meetings (TCMs) from time to time, as and when required by Employer

**Signature of authorized signatory.....**



# LETTER OF TECHNICAL SUPPORT FOR CONDENSATE POLISHING UNIT

3. We, the Associate /Collaborator\*/Technology provider\*/Licensor\*/Qualified equipment manufacturer\* do hereby undertake and confirm that this Letter of Support shall be valid for a period of seven (7) years or up to the end of defect liability period of the contract, whichever is later.

.

Signature of the Authorised Representative:.....  
For M/s .....

(Associate\*/\*Collaborator/\*Technology provider/\*Licensor/ Qualified equipment manufacturer\*)

Name .....  
Designation .....

Date:.....

Common Seal of the Company

\*: Strike off whichever is not applicable.

Signature of authorized signatory.....



**Financial**  
**PRE - QUALIFYING REQUIREMENTS**

PROJECT: 2X800 MW LARA TPP STAGE II

PACKAGE: Water Treatment Package

**CRITERIA FOR EVALUATION - FINANCIAL :**

Amount (in Rs.)

Average annual financial turnover value during any three out of last six Financial Years as on tender due date should not be less than 23,76,00,000.00

**Rs. Twenty Three Crore Seventy Six Lakh only**

**Notes:-**

a) The bidder has to submit financial accounts (audited, if applicable comprising of Audit report, Balance Sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/Sales/Revenue), for any three out of last six Financial Years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual financial turnover shall be calculated based on available information as below:-

i) If the accounts are available for  $\leq 1$  Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).

ii) If the accounts are available for  $>1$  but  $\leq 2$  Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).

iii) If the accounts are available for  $>2$  but  $\leq 3$  Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).

b) Foreign bidder is to submit a latest report from reputed third party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.

c) Other Income shall not be considered for arriving at Annual Turnover/Sales. For evaluation purpose, turnover figure excluding taxes shall be considered.

d) For evaluation of foreign bidder, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered.

e) Bidder who is 50% or above subsidiary of any other company including those registered outside India and does not meet any of the above Financial Criteria, such bidder may be qualified based on credentials of its holding company provided such holding company meets the above PQR criteria. In such case, the Bidder would be required to furnish a Letter of Support from its Holding Company, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

f) In cases where audited results for the last financial year as on the date of Techno Commercial bid opening are not available, a Certificate would be required from CEO/CFO stating that the financial results of the Company are under audit as on the date of Techno-commercial bid opening and are not available.

**PROJECT GROUP I**  
**POWER SECTOR – PROJECT ENGINEERING MANAGEMENT**  
**BHARAT HEAVY ELECTRICALS LIMITED**

**SPECIAL CONDITIONS OF CONTRACT (SCC) Rev.00**  
**2 X 800 MW NTPC LARA STPS STAGE - II – EPC**  
**(JOB NO. 508)**

These Conditions shall be read and construed along with latest applicable (i.e. BOI or BOP) General Conditions of Contract (GCC) enclosed along with the tender enquiry. In case of any conflict or inconsistency, the conditions given in SCC shall prevail over the GCC.

Sl. No.	Title	Description
1.	Project Name	2 X 800 MW NTPC LARA STPS STAGE - II – EPC
2.	Nature of project & Type of Bidding	Mega Power Project Competitive Bidding
3.	Customer Order Ref No	Supply: - CS-9587-001R-2-FCNOA-7332, dtd 29.08.23 Services: - CS-9587-001R-2-SCNOA- 7333. dtd 29.08.23 Mandatory Spares: -CS-9587-001R-2-SCNOA- 7333, Dtd 29.08.23
4.	BHEL's Customer	NTPC
5.	NTPC LARA GST No.	22AAACN0255D4Z5
6.	Customer Consultants	NA
7.	Buyer and Paying Authority	a. For packages where BHEL PEM will issue the Purchase Order - BHEL PEM will be the paying authority. b. For packages where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL PSWR - BHEL PSWR Site will be the paying Authority.
8.	Consignee Address (Bill To)	<b>FOR SUPPLY PACKAGES:</b> BHEL, Power Sector-Project Engineering Management, Power Project Engineering Institute, Plot No. 25, Sector-16A, Noida, Uttar Pradesh-201301. BHEL-PEM GSTIN: 09AAACB4146P2ZC  <b>FOR TURNKEY PACKAGES</b> (where BHEL-PEM will issue only the LOA and Purchase Order shall be issued by BHEL-PSWR):  Construction Manager, BHEL site office, 2 X 800 MW NTPC LARA STPS STAGE - II P.O. - PUSSORE, VILLAGE-CHHAPORA, RAIGARH CHHATTISGARH-496440 BHEL-PSWR - GSTIN No.- 22AAACB4146P1ZP
9.	Delivery Address (Ship To)/BHEL Site office address	Construction Manager, BHEL site office, 2 X 800 MW NTPC LARA STPS STAGE - II P.O. - PUSSORE, VILLAGE-CHHAPORA, RAIGARH CHHATTISGARH-496440 BHEL-PSWR - GSTIN No.- 22AAACB4146P1ZP

10.	Location of Plant	<p>The project is located in Raigarh district of Chhattisgarh State. The project is located south-east of Raigarh town near village Lara, bounded by villages Lara, Chhapora &amp; Lohakhan and on the western side of Odisha State boundary.</p> <p>Nearest Road- NH-200 (Raigarh–Sarangarh) via Kondatarai.  Nearest Railway: Raigarh Railway is approximately 30 kms.  Nearest Airport: Raipur is about 250 km</p>
11.	Mode of Dispatch	By Rail/Road/Sea on door delivery and freight pre-paid basis
12.	Packages for which CIF value considered	NIL
13.	BHEL GSTIN Details	<p><b>For supply packages:</b> BHEL-PEM is registered in the State of Uttar Pradesh with GSTIN <b>09AAACB4146P2ZC</b></p> <p><b>For Turnkey packages:</b> BHEL-PSWR – GSTIN - 22AAACB4146P1ZP</p>
14	QR Code Affixing Requirement for SPMS ( <b>Mandatory Requirement</b> )	<p>Vendor to mandatorily required to furnish detailed shipping/packing list to BHEL in format as per Annexure 1 of this SCC. BHEL shall provide QR codes for each boxes/bundle/shipping sections etc.</p> <p>Vendor is mandatorily required to print the generated QR in half of A4 size printer using a normal printer. One copy of this QR code must be attached to the respective box/bundle/gunny bag/shipping section etc. The other copy of the QR code must be enclosed with the documents sent along with the consignment. After reaching at site, QR code shall be scanned at gate and material shall be received by site.</p> <p>Further, vendor to ensure that</p> <p>a) All the items being dispatched in the consignment/LR are listed in the packing list.</p> <p>b) Proper precautions are taken while affixing to ensure that the “Fixed QR Code” should not damage during transit.</p> <p>c) QR code is correctly fixed to all the box/bundles/loose items being dispatched in consignment. Any delay arising thereof due to incorrect tagging/missing tags shall be to vendor’s account.</p> <p>BHEL shall provide QR code within 2-3 days of submission of shipping/packing details (as per Annexure-1) by vendor. Vendor to plan dispatches accordingly without affecting the delivery schedule.</p>
15A	Transit Insurance	<p>Transit Insurance in vendor scope , unless specified in NIT.</p> <p>In case, Transit Insurance is specified in BHEL Scope in NIT - Insurance details shall be provided by BHEL-PEM.</p> <p>For each dispatch, vendor shall inform the following to the Underwriter under intimation to BHEL-PEM and BHEL Site office:</p> <ul style="list-style-type: none"> <li>• Policy No.</li> </ul>

		<ul style="list-style-type: none"> <li>• Consignee Name.</li> <li>• Consignment Details (items with their weights and value (in INR).</li> <li>• Project Name and P.O. No.</li> <li>• LR No. and date, Dispatch origin and destination details, Invoice No.</li> <li>• Vendors to intimate the underwriters quoting the insurance Policy details.</li> </ul>
15B	Insurance of unloading, storage, handling, erection and commissioning	<p><b>For Turkey Packages:</b></p> <p>Insurance of unloading, storage, handling, erection and commissioning shall be in BHEL Scope</p> <p>Insurance Deductibles and Excess:</p> <p>For Marine Cover: Rs 20,000/-</p> <p>For Storage /Erection and Testing Cover:</p> <p>a. Normal Period: 5 % of the claim amount subject to a minimum of Rs. 2.25 Lakh.</p> <p>b. Testing Period: 5% of the claim amount subject to minimum of Rs. 6.0 Lakh.</p> <p>Act of God Perils: - 10% of the claim amount subject to minimum of testing period excess.</p> <p>Fire / Explosion Claims: 20% of the claim amount subject to minimum of testing period excess</p> <p>Extended Maintenance Cover/ Defect Liability Cover: As applicable for testing period excess.</p> <p>Third Party Liability: The policy excesses (normal/testing periods) shall apply for third party liability property damage claims also. For third party liability claims arising out of acts of GOD perils. The excess applicable to AOG claims shall apply.</p> <p>“The above-mentioned insurance deductibles/excess are tentative in nature and may change after award of contract which will be applicable within quoted price”.</p>
16.	Dispatch intimation	<p>Yes, in writing, not less than 30 (Thirty) days prior to date of shipment and dispatch details to be sent to:</p> <ul style="list-style-type: none"> <li>• BHEL Site office (address as mentioned at Sl. No. 9)</li> <li>• BHEL PEM Noida (address as mentioned in NIT for PO issued by PEM)</li> <li>• BHEL PSWR (For PO Issued by BHEL PSWR)</li> </ul>
17.	Demurrage charges	Demurrage charges shall be paid by supplier/vendor only. No claim shall be acceptable to BHEL in this regard.
18.	Unloading, Storage & Movement of material at site	<ul style="list-style-type: none"> <li>• By BHEL site office for supply packages (where only supply is in vendor's scope).</li> </ul>

		<ul style="list-style-type: none"> <li>By vendors for Turnkey (where Supply and E&amp;C is in vendor scope)</li> </ul> <p><b>Note:</b> The Supplier shall furnish LR wise Gross Wt. of the consignment for the purpose of handling the consignment by BHEL Site Contractor. Please note that unloading of materials at Site shall sometimes may take 3-5 days. As such, transporters to be advised suitably before dispatch of materials in this regard. Also, no claim on a/c of delay in unloading before this period shall be entertained. Prior intimation as mentioned in sl. no. 15 above is solicited.</p>
19.	Taxes & Duties (For Domestic Vendor)	As per Notice Inviting Tender (NIT).
20.	Taxes & Duties (For Order Directly to Foreign Bidders)	In case of foreign vendors, quoted prices & Dispatches shall be on C & F Port – Kolkata Basis and Taxes & Duties in the country of dispatch shall be borne by Foreign vendor.
21.	Inspection Agency	<p>Inspection of packages shall be carried out by agency as per below Inspection category of packages:</p> <p><b>Cat-I:</b> Inspection shall be done jointly or separately by NTPC and BHEL or BHEL's TPIA.</p> <p><b>Cat-II:</b> Inspection shall be done by BHEL only.</p> <p><b>Cat-III:</b> Certificate of Compliance shall be furnished by Vendor.</p> <p><b>Note:</b> Please note, for Cat I &amp; II items BHEL reserve the right to carry inspection by themselves or through nominated third party inspection agency (TPIA). Third party inspection agency, if any, shall be informed after award of contract.</p>
22.	Inspection procedure	<p><b><u>For Domestic supplies:</u></b></p> <p>As per Notice Inviting Tender (NIT).</p> <p><b><u>For Foreign supplies</u></b></p> <p>In case of Foreign supplies, if NTPC approved 3rd party inspection agency does not participate in the inspection, test certificates &amp; inspection reports duly accepted by the agreed Inspection agency shall be submitted in soft copy to BHEL-PEM. The same shall be reviewed by BHEL PEM and then, sent to NTPC for clearance.</p> <p>The dispatch clearance (MDCC) by NTPC/ BHEL as applicable shall be given to the foreign supplier or representative in India after acceptance of above test certificates and photographs as per above.</p>
23.	Material Dispatch Clearance Certificate (MDCC) Issuing Agency	<p>MDCC shall be issued by BHEL only after receipt from NTPC.</p> <p>It is the responsibility of vendor to furnish all requisite documents like Material Test Certificates, Inspection Reports etc. required for obtaining of NTPC MDCC by BHEL</p>
24.	Mandatory Spares	Delivery of mandatory spares shall be as per NIT

25.	Construction Facilities to Vendor	<p><b>Construction Power:</b> Construction Power is chargeable as per customer contract which can be provided at single point source post establishment of Construction Power grid by PSWR. Further distribution is to be done by concerned vendor.</p> <p><b>Construction water:</b> Construction water is not available within project premises. Therefore, construction water is to be arranged by vendor.</p>
26	Storage Infrastructure by Vendor	For Turnkey packages: Space for office will be provided free of charge as per availability in consultation with customer.
26A	Storage Infrastructure by Vendor	<p>For Turnkey packages (Fuel Oil Handling and Storage System, Compressed Air System, Air conditioning System, Ventilation system, DM Plant, Condensate Polishing Unit, Pretreatment Plant, Mill Reject System, Effluent Treatment Plant and Sewage Treatment Plant packages)</p> <p>(a) Vendor shall compulsory make covered storage shed of minimum size of 15 feet x 15 feet for storage of valuable Electrical/ Electronic items/ Instruments etc.</p> <p>(b) Vendor shall compulsory make office of size 10 feet x 10 feet for site Engineer/ Staff along with facility of Computer/ Laptop/ Printer for protocol preparation and submission to BHEL.</p> <p>(c) Alternately, vendor can provide container of suitable size for above purpose, i.e. (a) and (b).</p>
26B	Storage space by BHEL	<p>For Turnkey package supplies - BHEL shall provide the 1 no. closed storage shed for C&amp;I and critical items storage free of charge.</p> <p>Mandatory spare of Turnkey package shall be stored in BHEL provided close storage shed.</p>
27.	Safety Officer and Quality Engineer by Vendor	<p>For Turnkey packages, vendor shall deploy one number Safety Officer and one number Quality Engineer during total E&amp;C period.</p> <p>In case of failure of above, BHEL shall deploy it and appropriate charges shall be deducted from vendor due payments.</p> <p>The charges for Non-deployment of Safety officer and Quality Engineer is Rs. 50,000.00 per man-month for each staff. This charge amount is exclusive of GST</p>
28.	Packing Identification & Marking [If not specified in NIT]	<p>Each box shall be marked with Capital Letters in "Red" indicating the PEM SUPPLY (Main Supply/Commissioning Spares/Mandatory Spares) for 2 X 800 MW NTPC LARA STPS Stage-II – II project.</p> <p>NOTE: Main supply item and items for commissioning spares must be packed separately. Each package delivered under the Contract shall be marked by supplier and such marking must be distinct and in English language (all previous irrelevant markings being carefully obliterated).</p> <p>Such marking shall show the description and quantity of contents, the name and address of consignee, the Gross weight and Net weight of the package, the name of the Supplier, PEM P.O. reference number, with a distinctive number of mark sufficient for purposes of identification.</p> <p>Besides above necessary, packing shall bear a special marking 'TOP', 'BOTTOM', 'DO NOT TURN OVER', "KEEP DRY", "HANDLE WITH CARE", etc</p>



		<p>IMPORTANT: -</p> <ul style="list-style-type: none"> <li>• Two copies of respective standard manufacturer's erection instruction/operation instruction manual shall be kept in each package / container for immediate reference by BHEL site and same shall be reflected in packing slip also.</li> <li>• The Packing list details for the consignment must be put inside the Box/Boxes.</li> </ul> <p>Items like pumps, Valves, Hoists, Cranes etc shall essentially have O&amp;M Manuals and E&amp;C guidelines duly enclosed in the packing box. Certificate to such effect shall also be reflected in packing slip.</p> <p>Mandatory spares shall be properly packed separately in separate box painted in Red, <b>indicating Mandatory Spares in bold letters</b> and each spare shall be properly tagged giving details i.e. item number of the equipment in line with the CUSTOMER approved BBU for Mandatory spares &amp; Number per item (to match the description given in the packing slip) to facilitate their- proper identification by end customer/ BHEL Site. One Copy of Packing list must be put inside the Box along with Manufacturing drawing no. reference, Catalogue reference etc.</p>
28.	Submission of Final Drgs/ Docs along with O&M Manual, Type Test Certificates (if any)	<p><b><u>No. of O&amp;M Manuals</u></b></p> <p>As per applicable GCC / Tender documents/Kick-off meeting.</p> <p>If not specified anywhere, Vendor to submit final approved O&amp;M Manual in 12 Hard copies and 4 No of CD ROMs/DVDs/Pen drive.</p>

## ANNEXURE-1

SN O	Cust omer	Cont ract No	Type	PG MA	P G M A D	DU	DU Des	Dis pat ch Qt y.	Uni t	BB U No .	BB U S no	Box No.	Packi ng Lis t No.	Materia l Requir ed For ( Set1/ Set-2)	NS	Remarks
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**LARA SUPER THERMAL POWER PROJECT**

**STAGE-II (2X800 MW)**

**PRICE ADJUSTMENT FOR SUPPLY AND MANDATORY SPARES FOR ALL WATER  
TREATMENT PACKAGES**

- (i) The Contract price shall be subject to price adjustment during performance of the Contract to reflect changes in the cost of labour and material components in accordance with the provisions described below:
- (ii) The price adjustment provisions shall be applicable separately for price components relating to Supply of Equipment as per price break-up furnished in the Technical Specification.
- (iii) Only following components of the Contract Price will be subject to Price adjustment:
  - (a) Ex-Works supply price of Plant and Equipment including commissioning spares, Mandatory spares.
- (iv) Price adjustment amounts towards aforesaid components of Contract Price shall be paid in the respective currencies of Contract (INR).
- (v) The indices for price adjustment shall be as elaborated hereunder.
- (vi) The price adjustment formula for the components of the Contract Price, as mentioned at Sl.No. (iii) above, shall be as stipulated hereinafter.
- (vii) **Ex-Works Price Component of Plant and Equipments including commissioning spares, Mandatory Spares and**

It is understood that the price component of the equipments for any shipment/despatch comprises of a fixed portion (designated as 'F' and the value of which is specified hereunder) and a variable portion linked with the indices for various materials and labour (description and co-efficient as enumerated below).

The amount of price adjustment towards variable portion payable/ recoverable on each shipment/despatch shall be computed as under:

$$EC = EC1 - EC0$$

EC1 will be computed as follows:

$$EC1 = EC0 \{F + a \times A1 / A0 + Lb \times L1 / L0\}$$

Where

EC = Adjustment to Ex-Works supply Price Component expressed in the currency of The Contract (INR) payable to the contractor for each shipment/despatch.

EC1 = Adjusted Amount of Ex-Works supply Price Component expressed in the currency of the Contract (INR) payable to the Contractor for each shipment/despatch.

EC0 = Ex-Works supply Price for the plant and equipments in the currency of the Contract (INR), shipment/despatch wise.

- F shall be fixed portion of the Ex-Works Component of the Contract and shall be considered as 0.15.

- a shall be co-efficient of major materials/items involved in the Ex-Works Component of the Contract Price and shall be considered as 0.55.

- 'A' shall be published price indices of corresponding major materials/items.

Case 1: 'A', in case of all applicable supply part / component/ items etc. index for "Manufacture of Fabricated Metal Products, Except Machinery and equipment" shall be used as published by Ministry of Commerce & Industry, GOI base year 2011-12=100

- 'Lb' shall be co-efficient for labour component in the Ex-Works Component of the Contract Price which shall be considered as 0.3.

'L' shall be consumer price index number for industrial workers (All India average) as published by Labour Bureau, Shimla/RBI Base year 2016=100.

For the indices, subscript '0' refers to indices as on date of completion of delivery as per LOA.

Subscript '1' refers to indices as on date of shipment/despatch.

Note:

- 1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC (Positive) shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor/BHEL then also the negative price variation shall be passed on to BHEL.
- 2) The price variation shall be limited to (+) 10% of Ex-Works Supply Price including commissioning spares, Mandatory spares.

**PRICE ADJUSTMENT FOR SERVICE PART (E&C, SUPERVISION, O & M AND AMS)**

- (i) The Contract price shall be subject to price adjustment during performance of the Contract to reflect changes in the cost of labour in accordance with the provisions described below:
- (ii) The price adjustment provisions shall be applicable for price components relating to service part as per price break-up furnished by the Contractor.
- (iii) Only following components of the Contract Price will be subject to Price adjustment:
  - (a) Service part component of Contract Price.
- (vi) The indices for price adjustment shall be as elaborated hereunder.
- (v) The price adjustment formula for the components of the Contract Price, as mentioned at Sl.No. (iii) above shall be as stipulated hereinafter.

**a) Indian Rupee Portion of the Installation Services**

$ER = ER1 - ER0$

ER1 will be computed as follows:

**$ER1 = ER0 (0.15 + L_b \times (L1/ Lo))$**

Where:

ER = Adjustment to Service price component of contract price expressed in Indian Rupees payable to the contractor for each billing.

ER1 = Adjusted amount of Service price component of contract price expressed in Indian Rupees payable to the Contractor.

ER0 = Value of the Service work done in the billing period, which shall be calculated as under:

For the purpose of computing ER0, each Service bill during the Service period up to the 'Completion of the Facilities' shall be calculated as described in this document.

$L_b$  - Coefficient of labour (for all categories) content in the Indian Rupee portion of the Service =0.85

L=Indian field labour index namely, all India consumer price index for industrial workers (All India Monthly Average) as published labour bureau, Government of India.

For the indices, subscript '0' refers to indices as on date of completion of Service as per LOA.

Subscript '1' refers to indices as applicable for the month of execution of the Service work

Note:

1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC (Positive) shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor/BHEL then also the negative price variation shall be passed on to BHEL.

2) The price variation shall be limited to +10% of total Service price (excluding taxes).

## **BANK GUARANTEE FOR EMD**

Bank Guarantee No: \_\_\_\_\_

Date: \_\_\_\_\_

To,

Name & Addresses of The Beneficiary

Dear Sirs,

Beneficiary: Noida Account no. - 39922687394 IFSC Code- SBIN0017313 Branch- CAG II New Delhi (BHEL PEM Noida) (hereinafter referred to as Beneficiary / Government) Date: ..... [Insert date of issue of BG](To be insert by issuing bank) ..... Bank Guarantee No.: ..... [Insert guarantee number].....(To be insert by issuing bank)..... Bank Guarantee Amount: .....(BG Amount)..... Bid / RA No.: .....(GeM Bid No.)..... EMD Applicant / Bidder: .....NAME AND ADDRESS OF THE VENDOR / CONTRACTOR / SUPPLIER..... Guarantor: ..... [Insert name and address of the issuing Bank] .....(To be insert by issuing bank).....

Whereas Applicant / Bidder is willing to submit its bid against above referred Bid / RA by the Beneficiary on behalf of President of India/Governor of State/Chairman, CMD, Secretary, Commissioner etc. of Central/State PSUs/Departments for the supply of Goods and / or Services and as per Bid / RA conditions, Applicant is required to submit a Bank Guarantee as EMD.

At the request of the Applicant, we as Guarantor under this Guarantee, hereby irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer without any demur, merely on your first demand any sum or sums of INR ..... (BG AMOUNT IN FIGURES AND WORDS).....(in words Indian Rupees.....) without any reservation, protest, and recourse and without the beneficiary needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding INR .....(BG AMOUNT IN FIGURES AND WORDS).....

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Vendor/Contractor/Supplier in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment hereunder and the Tenderer shall have no claim against us for making such payment.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Tenderer and notwithstanding any security or other guarantee that the Employer may have in relation to the Tenderer's liabilities.

This Guarantee shall be irrevocable and shall remain in force up to and including.....(*BG AMOUNT IN FIGURES AND WORDS*)..... and shall be extended from time to time for such period as may be desired by the Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Tenderer but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms hereof. However, unless a demand or claim under this Guarantee is made on us in writing on or before the .....(*DATE OF EXPIRY OF CLAIM PERIOD*)..... we shall be discharged from all liabilities under this Guarantee.

We, ..... Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a) The liability of the Bank under this Guarantee shall not exceed..... (*BG AMOUNT IN FIGURES AND WORDS*).....
- b) This Guarantee shall be valid up to .....
- c) Unless the Bank is served a written claim or demand on or before \_\_\_\_ (*DATE OF EXPIRY OF CLAIM PERIOD*)\_\_\_\_\_ all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank

We, \_\_\_\_\_ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of

(Name of the Bank)

Date.....

Place of Issue.....

**To be given on Letter head of Bidder**

Ref: .....

Date: .....

To,

Bharat Heavy Electricals Limited

PEM, PPEI Building,

Plot No 25, Sector -16A

Noida (U.P)-201301

Reference:

Order no-F6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance.

Tender Enquiry No-.....

Offer No-.....

Name of Package: .....

Dear Sir,

I have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India. I hereby certify that Company name, is not from such a country and is eligible to be considered.

Thanking You,

Yours faithfully,

(Company director seal and signature)



Ref: .....

Date: .....

To,  
Bharat Heavy Electricals Limited  
PEM, PPEI Building,  
Plot No 25, Sector -16A  
Noida (U.P)-201301

Reference: Tender Enquiry No-.....

Name of Package: .....

Dear Sir,

We hereby certify that items of .....(Package name)  
for.....(Project Name) offered by M/s .....(bidder's name)  
having its works/office at ..... has local content of .....%. Further,  
it is also certified that the local content percentage (%) certified above is in line with definition of local  
content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017- revision,  
having ref. no. P-45021/2/2017-PP(BE-II)-Part(4) Vol.II dated 04.06.2020 & 19.07.2024 and  
M/s..... qualifies as Class-I/Class-II (strike out whichever is not  
applicable) local supplier.

Further, cost of locally imported items (inclusive of taxes) sourced locally from resellers/ distributors  
is Rs ..... and cost of licence/royalty paid/technical expertise cost etc. source from outside of India  
is Rs.....

Details of the location(s) at which the local value addition-

Yours very truly

..... (Signing Authority Name & Sign)

..... (Firm Name)


**CORPORATE QUALITY ASSURANCE/ कॉरपोरेट गुणवत्ता आश्वासन****SUB-VENDOR QUESTIONNAIRE/ सब-वेंडर प्रश्नावली**

i.	Item/Scope of Sub-contracting उप-संविदा(अनुबंध) का मद/ दायरा			
ii.	Address of the registered office पंजीकृत कार्यालय का पता	Details of Contact Person संपर्क व्यक्ति का विवरण (Name, Designation, Mobile, Email) (नाम, पदनाम, मोबाइल, ईमेल)		
iii.	Name and Address of the proposed Sub-vendor's works where item is being manufactured प्रस्तावित उप-विक्रेता के कार्यों का नाम और पता, जहां मद का निर्माण किया जा रहा है	Details of Contact Person: संपर्क व्यक्ति का विवरण (Name, Designation, Mobile, Email) (नाम, पदनाम, मोबाइल, ईमेल)		
iv.	Annual Production Capacity for proposed item/scope of sub-contracting उप-संविदा(अनुबंध) के प्रस्तावित मद / दायरे के लिए वार्षिक उत्पादन क्षमता			
v.	Annual production for last 3 years for proposed item/scope of sub-contracting उप-संविदा(अनुबंध) के प्रस्तावित मद / दायरे के लिए पिछले 3 वर्षों का वार्षिक उत्पादन			
vi.	Details of proposed works प्रस्तावित कार्यों का विवरण			
1.	Year of establishment of present works वर्तमान फैक्टरी की स्थापना का वर्ष			
2.	Year of commencement of manufacturing at above works उपरोक्त फैक्टरी में निर्माण कार्य शुरू होने का वर्ष			
3.	Details of change in Works address in past (if any पूर्व में फैक्टरी स्थल में परिवर्तन का विवरण (यदि कोई हो))			
4.	Total Area कुल क्षेत्र			
	Covered Area शामिल क्षेत्र			
5.	Factory Registration Certificate फैक्टरी पंजीकरण प्रमाण पत्र	Details attached at Annexure – F2.1 विवरण अनुलग्नक- एफ 2.1 पर संलग्न है		
6.	Design/ Research & development set-up डिजाइन / अनुसंधान और विकास सेटअप (No. of manpower, their qualification, machines & tools employed etc.) (श्रमिकों की संख्या, उनकी योग्यता, मशीन और उपलब्ध उपकरण आदि)	Applicable / Not applicable if manufacturing is as per Main Contractor/purchaser design) Details attached at Annexure – F2.2 (if applicable) लागू / लागू नहीं, अगर विनिर्माण मुख्य संविदाकार / खरीददार के डिजाइन के अनुसार है) विवरण अनुलग्नक –एफ 2.2 पर संलग्न है। (यदि लागू हो)		
7.	Overall organization Chart with Manpower Details (Design/Manufacturing/Quality etc) मैनपावर विवरण के साथ समग्र संगठन का चार्ट ( डिजाइन / विनिर्माण / गुणवत्ता आदि )	Details attached at Annexure – F2.3 विवरण अनुलग्नक – F2.3 में संलग्न है।		
8.	After sales service set up in India, in case of foreign sub-vendor(Location, Contact Person, Contact details etc.) भारत में बिक्री सेवा की स्थापना के बाद, विदेशी उप-विक्रेता के मामले में( स्थल , संपर्क व्यक्ति, संपर्क विवरण आदि)	Applicable / Not applicable लागू / लागू नहीं Details attached at Annexure – F2.4 विवरण अनुलग्नक -2.4 पर संलग्न है।		
9.	Manufacturing process execution plan with flow chart indicating various stages of manufacturing from raw material to finished product including outsourced process, if any फ्लोचार्ट सहित विनिर्माण प्रक्रिया निष्पादन योजना, जिसमें आउटसोर्स प्रक्रिया, यदि कोई हो, सहित कच्चे माल से तैयार उत्पाद तक विनिर्माण के विभिन्न चरणों को दर्शाया गया हो,	Details attached at Annexure – F2.5 विवरण अनुलग्नक - F2.5में संलग्न है।		
10.	Sources of Raw Material/Major Bought Out Item कच्चे माल के स्रोत / खरीदे हुए मुख्य मद	Details attached at Annexure – F2.6 विवरण अनुलग्नक - F2.6में संलग्न है।		
11.	Quality Control exercised during receipt of raw material/BOI, in-process , Final Testing, packing कच्चे माल / खरीदे हुए मद, प्रक्रियाबद्ध, अंतिम परीक्षण, पैकिंग करते समय गुणवत्ता नियंत्रण	Details attached at Annexure – F2.7 विवरण अनुलग्नक - F2.7 पर संलग्न है		

12.	<b>Manufacturing facilities</b> (List of machines, special process facilities, material handling etc.) विनिर्माण सुविधा( मशीनों की सूची , विशेष प्रक्रिया सुविधाएं, सामग्री रख-रखाव आदि)	Details attached at Annexure – F2.8 <b>विवरण अनुलग्नक - F2.8में संलग्न है ।</b>
13.	<b>Testing facilities (List of testing equipment)</b> परीक्षण सुविधाएं( परीक्षण उपकरण की सूची )	Details attached at Annexure – F2.9 <b>विवरण अनुलग्नक – F2. 9 में संलग्न है ।</b>
14.	If manufacturing process involves fabrication then- <b>यदि निर्माण प्रक्रिया में फेब्रिकेशन की गई है तो-</b> List of qualified Welders <b>पात्र वेल्डर की सूची</b> List of qualified NDT personnel with area of specialization <b>विशेषज्ञता के क्षेत्र सहित पात्र एनडीटी कार्मिकों की सूची</b>	Applicable / Not applicable <b>लागू / लागू नहीं</b> Details attached at Annexure – F2.10 <b>विवरण अनुलग्नक - F2.10में संलग्न है।</b> (if applicable) <b>लागू / लागू नहीं</b>
15.	List of out-sourced manufacturing processes with Sub-Vendors' names & addresses <b>सब-वेंडर द्वारा बाह्य स्रोतों (उनके नाम और पते सहित)से करवाएं गए निर्माण प्रक्रियाओं की सूची</b>	Applicable / Not applicable <b>लागू / लागू नहीं</b> Details attached at Annexure. –F2.11 <b>विवरण अनुलग्नक - F2.10में संलग्न है।</b> (if applicable) <b>(यदि लागू हो)</b>
16.	Supply reference list including recent supplies <b>नवीनतम आपूर्ति सहित आपूर्ति संदर्भ सूची</b>	Details attached at Annexure – F2.12 <b>विवरण अनुलग्नक - F2.12 में संलग्न है ।</b> (as per format given below) <b>( नीचे दिए गए प्रारूप के अनुसार )</b>

17.	Product satisfactory performance feedback letter/certificates/End User feedback उत्पाद के संतोषजनक प्रदर्शन संबंधी फीडबैक पत्र / प्रमाण पत्र / अंतिम उपयोगकर्ता फीडबैक	Attached at annexure - F2.13 अनुलग्नक F2. 3 पर संलग्न है
18.	Summary of Type Test Report (Type Test Details, Report No, Agency, Date of testing) for the proposed product (similar or higher rating) प्रस्तावित उत्पाद (एक समान या उच्च रेटिंग वाले) के लिए टाइप टेस्ट रिपोर्ट (टाइप टेस्ट विवरण, रिपोर्ट संख्या, एजेंसी, जांच की तारीख) का सारांश नोट:- रिपोर्ट प्रस्तुत करने की आवश्यकता नहीं है Note:- Reports need not to be submitted	Applicable / Not applicable लागू / लागू नहीं  Details attached at Annexure – F2.14 विवरण अनुलग्नक - F2.1 4 में संलग्न है (if applicable) (यदि लागू हो)
19.	Statutory / mandatory certification for the proposed product प्रस्तावित उत्पाद के लिए वैधानिक / अनिवार्य प्रमाणीकरण	Applicable / Not applicable लागू / लागू नहीं  Details attached at Annexure – F2.15 (if applicable) (यदि लागू हो)
20.	Copy of ISO 9001 certificate आईएसओ 9001 प्रमाण पत्र की प्रति (if available)(यदि उपलब्ध हो)	Attached at Annexure – F2.16 अनुलग्नक में संलग्न - F2.1 6 है
21.	Product technical catalogues for proposed item (if available) प्रस्तावित मद के लिए उत्पाद तकनीकी कैटलॉग (यदि उपलब्ध हो)	Details attached at Annexure – F2.17 विवरण अनुलग्नक - F2.1 7 में संलग्न है

Company's Seal/Stamp: - कंपनी की महर / मोहर: -

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## **ANNEXURE– VIII**

### **INTEGRITY PACT**

#### **Between**

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi – 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

#### **and**

\_\_\_\_\_, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

#### **Preamble**

The Principal intends to award, under laid-down organizational procedures, contract/s for

\_\_\_\_\_. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

#### **Section 1 – Commitments of the Principal**

1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -

1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.


1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

1.1.3 The Principal will exclude from the process all known prejudiced persons.

1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

#### **Section 2 – Commitments of the Bidder(s)/ Contractor(s)**

2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits

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himself to observe the following principles during his participation in the tender process and during the contract execution.

2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant IPC/ PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

2.1.4 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and will await their decision in the matter.

### **Section 3 – Disqualification from tender process & exclusion from future contracts**

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors". framed by the Principal.


### **Section 4 – Compensation for Damages**

4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/Bid Security.

4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

### **Section 5 – Previous Transgression**

5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

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5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

#### **Section 6 – Equal treatment of all Bidders/ Contractors/ Sub-contractors**

6.1 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors. In case of sub-contracting, the Principal contractor shall be responsible for the adoption of IP by his sub-contractors and shall continue to remain

responsible for any default by his sub-contractors.

6.2 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

#### **Section 7 – Criminal Charges against violating Bidders / Contractors / Sub-contractors**

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

#### **Section 8 –Independent External Monitor(s)**

8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.


8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality in line with Non-disclosure agreement.

8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5 The role of IEMs is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.

8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.

8.7 The IEMs would examine all complaints received by them and give their recommendations! views to CMD, BHEL, at the earliest. They may also send their report directly to the CVO and the Commission, in case of suspicion of serious

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irregularities requiring legal! administrative action. IEMs will tender their advice on the complaints within 10 days as far as possible.

8.8 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.

8.9 IEM should examine the process integrity, they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the organization should be looked into by the CVO of the concerned organization.

8.10 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code! Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.11 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.

8.12 The word 'Monitor' would include both singular and plural.

#### Section 9 – Pact Duration

9.1 This Pact shall be operative from the date IP is signed by both the parties till the final completion of contract for successful bidder and for all other bidders 6 months after the contract has been awarded. Issues like warranty! guarantee etc. should be outside the purview of IEMs.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as above, unless it is discharged/ determined by the CMD, BHEL.

#### Section 10 – Other Provisions

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5 Only those bidders/ contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

**SANJEEV**  
 For & On behalf of the Principal  
 (Office Seal)  
**KUMAR**

Digitally signed by SANJEEV KUMAR  
 DN: cn=, postalCode=201301, st=UTTAR  
 PRADESH, street=GAUTAM BUDDHA NAGAR,  
 GAUTAM BUDDHA NAGAR, o=BHARAT  
 HEAVY ELECTRICALS LTD., ou=BHEL, ps=PEM,  
 serialNumber=9a160549da81651ce4aa59f1b  
 1a133046057a3756325,  
 postalCode=201301, st=UTTAR, cn=SANJEEV  
 KUMAR  
 2.5.4.20=abed08bdc3d7202762d0c24520  
 8a2c7f92a96a73b3c09559f6af5932,  
 email=SANJEEV\_K@BHELIN, cn=SANJEEV  
 KUMAR  
 Date: 2024.08.28 11:01:09 +05'30'

\_\_\_\_\_  
 For & On behalf of the Bidder/ Contractor  
 (Office Seal)

Place-----

Date-----

Witness: \_\_\_\_\_  
 (Name & Address) \_\_\_\_\_

Witness: \_\_\_\_\_  
 (Name & Address) \_\_\_\_\_