



NOTICE INVITING TENDER

TENDER NO.:

BHEL/CPC/SAT/EPC BOP/26/083

WORK DESCRIPTION:

**EPC PACKAGE FOR
BALANCE OF PLANTS (BOP)
AT
MPPGCL SATPURA TPS,
UNIT-12 (1X660 MW), SARNI (MP).**

Volume - I

NOTICE INVITING E-TENDER (NIT)
NOTE: BIDDER MAY DOWNLOAD FROM WEB SITES

To

Dear Sir/Madam

Sub : NOTICE INVITING E-TENDER

Sealed offers in two part bid system (National competitive bidding (NCB) are invited from reputed & experienced bidders (meeting PRE QUALIFICATION CRITERIA as mentioned in Annexure-1) for the subject job by the undersigned on the behalf of BHARAT HEAVY ELECTRICALS LIMITED as per the tender document. Following points relevant to the tender may please be noted and complied with.

1.0 Salient Features of NIT

SL NO	ISSUE	DESCRIPTION
i	TENDER NUMBER	<i>BHEL/CPC/SAT/EPC_BOP/26/083, Date 09/02/2026</i>
ii	BROAD SCOPE OF JOB	EPC PACKAGE FOR BALANCE OF PLANTS (BOP) AT MPPGCL SATPURA TPS, UNIT-12 (1X660 MW), SARNI (MP)
iii	DETAILS OF TENDER DOCUMENT	
a	Volume-IA	<i>Technical Conditions of Contract (TCC) consisting of Scope of work, Technical Specification, Drawings, Procedures, Bill of Quantities, Terms of payment, etc</i> <i>Applicable</i>
b	Volume-IB	<i>Special Conditions of Contract (SCC)</i> <i>Not Applicable</i>
c	Volume-IC	<i>General Conditions of Contract (GCC)</i> <i>Applicable</i>
d	Volume-ID	<i>Forms and Procedures</i> <i>Applicable</i>
e	Volume-II	<i>Price Schedule (Absolute value).</i> <i>Applicable</i>
iv	ISSUE OF TENDER DOCUMENTS	<p>Tender documents will be available for downloading from BHEL eProcurement portal (https://eprocurebhel.co.in) till due date of submission:</p> <p>Start: 09/02/2026 Closes: 03/03/2026, Time: 12:30 Hrs.</p> <p>Brief information of the tenders shall also be available at BHEL website (www.bhel.com)</p> <i>Applicable</i>
v	DUE DATE & TIME OF OFFER SUBMISSION	<p>Date: 03/03/2026, Time: 12:30 Hrs Place: on https://eprocurebhel.co.in</p> <i>Applicable</i>

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vi	OPENING OF TENDER	Date: 03/03/2026, Time: 17:00 Hrs <i>Notes:</i> (1) In case the due date of opening of tender becomes a non-working day, then the due date & time of offer submission and opening of tenders get extended to the next working day. (2) Bidder may witness the opening of tender through e-Procurement portal only.	Applicable
vii	EMD AMOUNT	Rs. 50 Lakhs only	Applicable
viii	COST OF TENDER	Free	
ix	LAST DATE FOR SEEKING CLARIFICATION	Date: 20/02/2026 Along with soft version also, addressing to undersigned & to others as per contact address given below: 1) Name: Tapish Kumar Designation: Sr Manager Deptt: Sub-Contracting Deptt, CPC Address: BHEL Sadan, 8th Floor, Plot No. 25, Sec 16A, Noida - 201301 Phone (Mobile): 9010903666 Email: tapishkhandelwal@bhel.in 2) Name: Amit Shukla Designation: Manager Deptt: Sub-Contracting Deptt, CPC Address: BHEL Sadan, 8th Floor, Plot No. 25, Sec 16A, Noida - 201301 Phone: (Mobile): 87700847 Email: amit.shukla@bhel.in	Applicable
x	SCHEDULE OF PRE BID DISCUSSION (PBD)	Date: 17/02/2026 Time: 15:00 Place: Bharat Heavy Electricals Limited, Central Procurement Cell, 8th Floor, BHEL Sadan, Plot no. 25, Sector 16A, Noida-201301, Uttar Pradesh Interested bidders are requested to confirm their participation for Pre Bid Discussion (PBD) meeting either by physical meeting at above mentioned place or through Video Conferencing (VC). VC Link for Meeting Meeting link: https://bhel.webex.com/bhel/j.php?MTID=m7d54985b9a3c026c367a99d790340098 Meeting number: 2514 327 3552	Applicable

		Password: 12345 Host key: 841501 Agenda: Pre Bid Discussion Join by video system Dial 25143273552@bhel.webex.com You can also dial 210.4.202.4 and enter your meeting number. Join by phone +65-6703-6949 Singapore Toll Access code: 2514 327 3552 Host PIN: 5270 Global call-in numbers	
xi	INTEGRITY PACT & DETAILS OF INDEPENDENT EXTERNAL MONITOR (IEM)	Please refer clause no. 15.	Applicable
xii	TYPES OF CONTRACT	WORKS	
xiii	LATEST UPDATES	Latest updates on the important dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Errata, Modifications, Revisions, etc. to Tender Specifications will be hosted in BHEL webpage (www.bhel.com -->Tender Notifications --> View Corrigendums), BHEL eProcurement portal (https://eprocurebhel.co.in) and not in the newspapers . Bidders to keep themselves updated with all such information.	

2.0 The offer shall be submitted as per the instructions of tender document and as detailed in this NIT. Bidders to note specifically that all pages of tender document, including these NIT pages of this particular tender together with subsequent correspondences shall be submitted by them, duly signed digitally using Class III DSC & uploaded in E-Procurement Portal, as part of offer. **Rates/Price including discounts/rebates, if any, mentioned anywhere/in any form in the techno-commercial offer other than the Price Bid, shall not be entertained.**

3.0 Instructions for Cost of Tender - Not Applicable.

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- 4.0** Unless specifically stated otherwise, bidder shall deposit EMD as per clause 1.9 of General Conditions of Contract. Proof of remittance of EMD should be uploaded in the E-Procurement Portal and originals, as applicable, shall be sent to the officer inviting tender within a reasonable time, failing which the offer is liable to be rejected.

For Electronic Fund Transfer the details are as below:-

a) **Name of the Beneficiary** -: Bharat Heavy Electricals Limited

b) **Bank Particulars:**

1) **For Receipt of EMD In Cash/NEFT/RTGS/DD :**

Name of account : Bharat Heavy Electricals limited
Account No : 10813608636
Branch : CAG-II New Delhi, 4th & 5Th Floor Redfort Capital Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi -110001
IFSC code : SBIN0017313

2) **For Receipt of EMD In Bank Guarantee (BG):**

a) For Beneficiary bank details:

Name of account : Bharat Heavy Electricals limited
Account No : 10813608636
Branch : CAG-II New Delhi, 4th & 5Th Floor Redfort Capital Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi -110001
IFSC code : SBIN0017313

The SFMS (Structured Financial Message System) for BG shall be sent to SBI Bank and the copy of the SFMS is to be attached along with the BG for submission to BHEL towards verification of authenticity of BG.

- b) In case, any contractor / vendor shows their inability for issuance of Bank Guarantee from SFMS compliant bank,
- Paper Bank Guarantee shall be sent to BHEL directly by the issuing bank under Registered Post (A.D.) / Speed Post/ Courier/ By Hand along with a covering letter and
 - A declaration by contractor / vendor with list of their banks along with a confirmation that none of their banks are SFMS compliant.

- 5.0** **Procedure for Submission of Tenders:** This is an E-tender floated online through our E-Procurement Site (<https://eprocurebhel.co.in>). The bidder should respond by submitting their offer online only in our e-Procurement platform at (<https://eprocurebhel.co.in>). Offers are invited in two-parts only.

Documents Comprising the e-Tender

The tender shall be submitted online ONLY EXCEPT EMD (in physical form) as mentioned below:

a. **Techno-commercial Bid (UN priced Tender)**

All Techno-commercial details (e.g. EMD, Documentary evidence in support of Pre Qualifying criteria, applicable forms, etc.) should be attached in e-tendering module, failing which the tender stands invalid & may be REJECTED.

b. **Price Bid:**

- Prices are to be quoted in the attached Price Bid format online on e-tender portal.
- The price should be quoted for the accounting unit indicated in the e-tender document.

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- iii. Note: It is the responsibility of tenderer to go through the Tender document to ensure furnishing all required documents in addition to above, if any. Any deviation would result in REJECTION of tender and would not be considered at a later stage at any cost by BHEL.
- iv. A person signing (manually or digitally) the tender form or any documents forming part of the contract on behalf of another shall be deemed to warrantee that he has authority to bind such other persons and if, on enquiry, it appears that the persons so signing had no authority to do so, the purchaser may, without prejudice to other civil and criminal remedies, cancel the contract and hold the signatory liable for all cost and damages.
- v. A tender, which does not fulfil any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be ignored and rejected.

DO NOT'S

Bidders are requested NOT to submit the hard copy of the Bid. In case offer is sent through hard copy/fax/telex/cable/electronically in place of e-tender, the same shall not be considered. **Also, uploading of the price bid in prequalification bid or technical bid may RESULT IN REJECTION of the tender.**

Digital Signing of e-Tender

Tenders shall be uploaded with all relevant PDF/zip format. The relevant tender documents should be uploaded by an authorized person having Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION digital signature certificate (DSC).

The Requirement:

1. A PC with Internet connectivity &
2. DSC (Digital Signature Certificate) (**Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION**)

The contact details of the service provider are given below:

For any technical related queries please call at 24 x 7 Help Desk Number

0120-4001 002, 0120-4001 005 & 0120-6277 787

International bidders are requested to prefix 91 as country code

Email Support - Technical - support-eproc@nic.in

Note: For any Issues or Clarifications relating to the published tenders, bidders are requested to contact the respective Tender Inviting Authority

The process of utilizing e-procurement necessitates usage of **DSC (Digital Signature Certificate) (Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION)** and you are requested to procure the same immediately, if not presently available with you. Please note that only with DSC, you will be able to login the e-procurement secured site and take part in the tendering process.

The Vendors DSC Address List link as given below:

https://eprocurebhel.co.in/nicgep/app?component=%24DirectLink_0&page=DSCInfo&service=direct&session=T&sp=SDSCAddress.pdf

Vendors are also requested to go through seller manual available on <https://eprocurebhel.co.in>.

- 6.0** Instructions regarding Hard/Paper Bid - Not Applicable.
- 7.0** Deviation with respect to tender clauses and additional clauses/suggestions in Techno-commercial bid / Price bid shall NOT be considered by BHEL. Bidders are requested to positively comply with the same.
- 8.0** Notwithstanding anything stated in the tender documents, BHEL/End Customer reserves the right to access the capabilities and capacity of the Bidder/its consortium Partners (if applicable), to perform the contract in the overall interest of the Project. BHEL/End Customer reserves the right to accept or reject any or all Offers without assigning any reasons thereof. BHEL also reserves the right to cancel the Tender wholly or partly without assigning any

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reason thereof. BHEL shall not entertain any correspondence from bidders in this matter (except for the refund of EMD)

9.0 Assessment of Capacity of Bidders:

Bidder's capacity for executing the job under tender shall be assessed based on its 'LOAD and PERFORMANCE' and 'TURNOVER', as per the following:

- I. **LOAD:** Load takes into consideration **ALL** the contracts of the Bidder under execution with BHEL Regions, irrespective of whether they are similar to the tendered scope or not. The cut off month for reckoning 'Load' shall be the last Month preceding the month corresponding to the 'latest date of bid submission', in the following manner -

(**Note:** For example, if latest bid submission is in Jan 2026, then the 'load' shall be calculated up to and inclusive of Dec 2025)

Total number of LOAs in hand = Load (P)

Where 'P' is the sum of all LOAs under execution with BHEL Regions as on the cut off month defined above, excepting LOAs which are on Long Hold, or yet to start, or whose evaluation has been completed upto last month preceding the month corresponding to the 'latest date of bid submission'.

For example, if latest bid submission is in Jan 2026, then the

- i) LOA with start date in Dec-2025 shall be considered in Load.
- ii) LOA with finish date in Dec-2025 shall not be considered in Load.

- II. **PERFORMANCE:** Here 'Monthly Performance' of the bidder for all the packages (under execution/ executed during the 'Period of Assessment' in all Power Sector Regions of BHEL) **SIMILAR** to the packages covered under the tendered scope, excepting packages not commenced shall be taken into consideration. The 'Period of Assessment' shall be 6 months preceding and including the cut off month. The cut off month for reckoning 'Period of Assessment' shall be the 2nd Month preceding the month corresponding to 'latest date of bid submission', in the following manner:

(**Note:** For example, if 'latest date of bid submission' is in Jan 2026, then the 'performance' shall be assessed for a 6 months' period up to and inclusive of Nov 2025 (i.e. from June 2025 to Nov 2025), for all the unit wise identified packages (refer Table I))

- i). Calculation of Overall 'Performance Rating' for 'Similar Package/Packages' for the tendered scope under execution at Power Sector Regions for the 'Period of Assessment':

This shall be obtained by summing up the 'Monthly Performance Evaluation' scores obtained by the bidder in all Regions for all the similar Package/packages', divided by the total number of Package months for which evaluation should have been done, as per procedure below:

- a) $P_1, P_2, P_3, P_4, P_5, \dots, P_N$ etc. be the packages (under execution/ executed during the 'Period of Assessment' in all Regions of BHEL) **SIMILAR** to the packages covered under the tendered scope, excepting packages not commenced. Total number of similar packages for all Regions = P_T (i.e. $P_T = P_1 + P_2 + P_3 + P_4 + \dots + P_N$)
- b) Number of Months ' T_1 ' for which 'Monthly Performance Evaluation' as per relevant formats, should have been done in the 'Period of Assessment' for the corresponding similar package P_1 . Similarly T_2 for package P_2, T_3 for package P_3 , etc. for the tendered scope. Now calculate cumulative total months ' T_T ' for total similar Packages ' P_T ' for all Regions (i.e. $T_T = T_1 + T_2 + T_3 + T_4 + \dots + T_N$)
- c) Sum ' S_1 ' of 'Monthly Performance Evaluation' Scores ($S_{1-1}, S_{1-2}, S_{1-3}, S_{1-4}, S_{1-5}, \dots, S_{1-T_1}$) for similar package P_1 , for the 'period of assessment' ' T_1 ' (i.e. $S_1 = S_{1-1} + S_{1-2} + S_{1-3} + S_{1-4} + S_{1-5} + \dots + S_{1-T_1}$). Similarly,

d) **Overall Performance Rating 'R_{BHEL}' for the Similar Package/Packages** (under execution/ executed during the 'Period of Assessment') in all the Power Sector Regions of BHEL

$$= \frac{\text{Aggregate of Performance scores for all similar packages in all the Regions}}{\text{Aggregate of months for each of the similar packages for which performance should have been evaluated in all the Regions}}$$

$$= \frac{S_T}{T_T}$$

f) Table showing methodology for calculating 'a', 'b' and 'c' above

Sl. No.	Item Description	Details for all Regions							Total
(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)
1	Similar Packages for all Regions → (under execution/ executed during period of assessment)	P ₁	P ₂	P ₃	P ₄	P ₅	...	P _N	Total No. of similar packages for all Regions = P _T i.e. Sum (Σ) of columns (iii) to (ix)
2	Number of Months for which 'Monthly Performance Evaluation' as per relevant formats should have been done in the 'period of assessment' for corresponding Similar Packages (as in row 1)	T ₁	T ₂	T ₃	T ₄	T ₅	...	T _N	Sum (Σ) of columns (iii) to (ix) = T _T
3	Monthly performance scores for the corresponding period (as in Row 2)	S ₁₋₁ , S ₁₋₂ , S ₁₋₃ , S ₁₋₄ , ... S _{1-T1}	S ₂₋₁ , S ₂₋₂ , S ₂₋₃ , S ₂₋₄ , ... S _{2-T2}	S ₃₋₁ , S ₃₋₂ , S ₃₋₃ , S ₃₋₄ , ... S _{3-T3}	S ₄₋₁ , S ₄₋₂ , S ₄₋₃ , S ₄₋₄ , ... S _{4-T4}	S ₅₋₁ , S ₅₋₂ , S ₅₋₃ , S ₅₋₄ , ... S _{5-T5}	S _{N-1} , S _{N-2} , S _{N-3} , S _{N-4} , ... S _{N-TN}	-----
4	Sum of Monthly Performance scores of the corresponding Package for the corresponding period (as in row-3)	S ₁	S ₂	S ₃	S ₄	S ₅	...	S _N	Sum (Σ) of columns (iii) to (ix) = S _T

This shall be obtained by summing up the 'Monthly Performance Evaluation' scores obtained by the bidder in all Regions for ALL the packages, divided by the total number of Package months for which evaluation should have been done. 'R_{BHEL}' shall be calculated subject to availability of 'performance scores' for at least 6 'package months' in the order of precedence below:

- 'Period of Assessment' i.e. 6 months preceding and including the cut-off month
- 12 months preceding and including the cut-off month
- 24 months preceding and including the cut-off month

In case, R_{BHEL} cannot be calculated as above, then Bidder shall be treated as 'NEW VENDOR'. Further eligibility and qualification of this bidder shall be as per definition of 'NEW VENDOR' described in 'Explanatory Notes'.

iii). Factor "L" assigned based on Overall Performance Rating (R_{BHEL}) at Power Sector Regions:

Sl. no.	Overall Performance Rating (R_{BHEL})	Corresponding Value of 'L'
1	≥ 60 and < 62	NA
2	≥ 62	0.45

- iv). Performance Systems: The performance rating as mentioned in II (i) and (ii) above, shall be calculated as per Online Systems i.e. Contractor Performance Evaluation System (CPES) and Safety Performance Evaluation System (HSEPES). The scores assigned in HSEPES shall be scaled down to 10 and assigned in CPES against the category "HSE" (mentioned in Form F-15).

III. i) 'Assessment of Capacity based on 'LOAD and PERFORMANCE':

- a) 'Assessment of Capacity of Bidder' is based on the Maximum number of LOAs for which a vendor is eligible, considering the performance scores of similar packages, as below:

Max number of-LOA $P_{Max} = (R_{BHEL} - 60)$ divided by corresponding value of 'L', i.e. $(R_{BHEL} - 60)/L$

Note:

- In case the value of P_{Max} results in a fraction, the value of P_{Max} is to be rounded off to next whole number
- For $R_{BHEL} \geq 60$ and < 62 , $P_{Max} = '5'$

The Bidder shall be considered 'Qualified' on 'Performance basis' as per 'Assessment of Capacity of Bidder' for the subject Tender if $P \leq P_{Max}$

(Where P is calculated as per clause 'I' above)

- b) In addition to above, the contractor shall be considered disqualified for ongoing tender(s) of BHEL, in case contractor fails to obtain an overall average score of 6 or more than 6 (six) (in the scaled down scores of HSEPES) out of 10 considered for Performance Rating as per sl no II (ii), in a period of '6 months preceding and including the cut-off month'. The period of '6 months preceding and including the cut-off month' can be extended to 12 months and further to 24 months, to account for 'performance scores' for at least 6 'package months'. Bidders who did not qualify this condition shall not be considered under the provisions of clause 9 IV (iv) of NIT.

ii) Assessment of Capacity based on 'TURNOVER':

If the 'value of contracts in hand' across all PS Regions by a contractor is less than the product of "maximum of 'annual average turnover for last 3 years' or 'latest FY turnover' of the Contractor and multiplying factor", then such bidder shall be considered qualified on 'Annual Average Turnover basis'. The 'value of contracts in hand' will be computed by summing up "50% of the annualized awarded value of each contract" unless performance evaluation is not closed in the online CPES.

Based on the performance rating of the Contractor, the above mentioned multiplying factor shall be as below:

Sl. no.	Overall Performance Rating (R_{BHEL})	(Multiplying factor to Turnover)
1	< 60	0
2	≥ 60 and ≤ 62	1.0
3	> 62 and ≤ 65	1.5
4	> 65 and ≤ 70	2.0
5	> 70 and ≤ 75	2.5

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6	> 75 and ≤ 80	3.0
7	> 80	3.5

‘Assessment of Capacity of Bidder’:

The bidder will be considered qualified for the tender if it qualifies on ‘Load and Performance basis’ as well as on ‘Average Annual Turnover basis’.

However, ‘Consortium Partner’ shall be considered qualified based on only ‘Overall Performance Rating ≥60’ (they will be regarded pre-qualified on other criteria).

IV. Explanatory note:

- i). Similar package means Boiler or ESP or Piping or Turbine or Civil or Structure or Electrical or C&I etc. at the individual level irrespective of rating of Plant and irrespective of whether the subject tender is a single package or as part of combined/composite packages. Normally Boiler, ESP, Piping, Turbine, Electrical, C&I, Civil, Structure etc. is considered individual level of package. For example, in case the tendered scope is a Boiler Vertical Package comprising of Boiler, ESP and Power Cycle Piping (i.e. the ‘identified packages as per Table-1 below), the ‘PERFORMANCE’ part against sl.no. II above, needs to be evaluated considering all the identified packages (i.e. Boiler, ESP and Power Cycle Piping) and finally the Bidder’s capacity to execute the tendered scope is assessed in line with III above.

- ii). Identified Packages (Unit wise)

Table-1

Civil	Electrical and C&I	Mechanical
i). Enabling works	i). Electrical	i). Boiler & Aux (All types including CW Piping if applicable)
ii). Pile and Pile Caps	ii). C&I	ii). Power Cycle Piping/Critical Piping
iii). Civil Works including foundations	iii). Others (Elect. and C&I)	iii). ESP
iv). Structural Steel Fabrication & Erection	iv). Electrical Enabling Works	iv). LP Piping
v). Chimney		v). Steam Turbine Generator set & Aux
vi). Cooling Tower		vi). Gas Turbine Generator set & Aux
vii). Others (Civil)		vii). Hydro Turbine Generator set & Aux
		viii). Turbo Blower (including Steam Turbine)
		ix). Material Management
		x). FGD
		xi). ACC
		xii). Others (Mechanical)

- iii). Bidders who have not been evaluated for at least six package months in the last 24 months preceding and including the Cut-off month in the online BHEL system for contractor performance evaluation in BHEL PS Regions, shall be considered “NEW VENDOR”.

A ‘NEW VENDOR’ shall be considered qualified subject to satisfying all other tender conditions.

A ‘NEW VENDOR’ if awarded a job (of package/ packages identified under this clause) shall be tagged as “FIRST TIMER” on the date of first LOA from BHEL.

The “FIRST TIMER” tag shall remain till completion of all the contracts against which vendor has been tagged as First Timer or availability of 6 evaluation scores within last 24 months preceding and including the Cut-off month in the online BHEL system for contractor performance evaluation in BHEL PS Regions.

A Bidder shall not be eligible for the next job as long as the Bidder is tagged as “FIRST TIMER” excepting for the Tenders which have been opened on or before the date of the bidder being tagged as ‘FIRST TIMER’.

After removal of 'FIRST TIMER' tag, the Bidder shall be considered 'QUALIFIED' for the future tenders subject to satisfying all tender conditions including 'Assessment of Capacity of Bidders'. However, in case any evaluation scores are available in the last 24 months preceding and including the Cut-off month for a 'First Timer', the bidder shall be considered qualified only if the average of the available evaluation scores being ≥ 60 and qualified on other parameters i.e Load, HSE and Turnover.

- iv). Consequent upon applying the criteria of 'Assessment of Capacity of Bidders' detailed above on all the bidders qualified against Technical and Financial Qualification criteria, if the number of qualified bidders reduces to less than four, then for further processing of the Tender, BHEL at its discretion reserves the right to also consider the bidders who are "not qualified" as per criteria of 'Assessment of Capacity of Bidders', excluding the bidders disqualified on basis of HSE (as per Sl. No. III (b)), and for this, procedure described in following four options shall be followed:

- a) All the bidders having Overall Performance Rating (' R_{BHEL} ') ≥ 60 shall be considered qualified against criteria of 'Assessment of Capacity of Bidders'.
- b) If even after using option "a", the number of qualified bidders remains less than four, then in addition to bidders considered as per option "a", "First timer" bidders having average of available performance scores ≥ 60 upto and including the Cut Off month shall also be considered qualified against criteria of 'Assessment of Capacity of Bidders'.
- c) If even after using option "a" and "b", the number of qualified bidders remains less than four, then in addition to bidders considered as per option "a" and "b", "First timer" bidders for whom no performance score is available in the system upto and including the Cut Off month, shall also be considered qualified against criteria of 'Assessment of Capacity of Bidders'.
- d) If even after using option "a", "b" and "c" the number of qualified bidders remains less than four, remaining bidders shall be "listed" as per their descending order of Overall Performance Rating (' R_{BHEL} ') or average of available performance scores for "First timer" bidders upto and including the Cut Off month.

Bidders as per option "a", "b", "c" and additional top bidders as "listed" above shall be considered qualified against criteria of 'Assessment of Capacity of Bidders' to make the total numbers of qualified bidders as four.

In case, from the "listed" bidders, more than 1 "listed" bidder are having the same average performance score, then all such bidders shall be considered.

Example-

If 3 bidders are considered from "a", "b" and "c".

From remaining "listed" bidders, 3 top bidders have same average performance scores. Then all 3 "listed" bidders shall be considered.

Note:- In case, the number of bidders qualified against Technical and Financial Qualification criteria itself is less than four, then all bidders shall be considered qualified against criteria of 'Assessment of Capacity of Bidders' for further processing of tender.

- v). 'Under execution' shall mean works in progress as per the following:
- a. Up to execution of 90% of anticipated Contract Value in case of Civil/ MM/ Structural/ Turbo Blower Packages
 - b. Up to Steam Blowing in case of Boiler/ ESP/ Piping Packages
 - c. Up to Synchronization in all Balance Packages
- vi). Contractor shall provide the latest contact details i.e. mail-ID and Correspondence Address to SCT Department, so that same can be entered in the Contractor Performance Evaluation System, and in case of any change/discrepancy same shall be informed immediately. Login Details for viewing scores in Contractor Performance Evaluation System shall be provided to the Contractor by SCT Department.

- vii). Performance Evaluation for Activity Month shall be completed in Evaluation Month (i.e. month next to Activity Month) or in rare cases in Post Evaluation Month (i.e. month next to Evaluation Month) after approval from Competent Authority. In case scores are not acceptable, Contractor can submit Review Request to GM Site/ GM Project latest by 27th of Evaluation Month or 5 days after approval of score, whichever is later. However, acceptance/rejection of 'Review Request' solely depends on the discretion of GM Site/GM Project. After acceptance of Review Request, evaluation score shall be reviewed at site and the score after completion of review process shall be acceptable and binding on the contractor.
- viii). Project on Hold due to reasons not attributable to bidder -
- Short hold:** Evaluation shall not be applicable for this period, however, Loading will be considered.
 - Long hold:** Short hold for continuous six months and beyond or hold on account of Force Majeure shall be considered as Long Hold. Evaluation as well as Loading shall not be considered for this period.

Performance evaluation as specified above in this clause is applicable to Prime bidder and Consortium partner (or Technical tie up partner) for their respective scope of work.

- 10.0** Since the job shall be executed at site, bidders must visit site/ work area and study the job content, facilities available, availability of materials, prevailing site conditions including law & order situation, applicable wage structure, wage rules, 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.
- 11.0** For any clarification on the tender document, the bidder may seek the same in writing or through e-mail and/or through e-procurement portal, as per specified format, within the scheduled date for seeking clarification, from the office of the undersigned. BHEL shall not be responsible for receipt of queries after due date of seeking clarification due to postal delay or any other delays. Any clarification / query received after last date for seeking clarification may not be normally entertained by BHEL and no time extension will be given.
- 12.0** BHEL may decide holding of pre-bid discussion [PBD] with all intending bidders as per date indicated in the NIT. The bidder shall ensure participation for the same at the appointed time, date and place as may be decided by BHEL. Bidders shall plan their visit accordingly. The outcome of pre-bid discussion (PBD) shall also form part of tender.
- 13.0** In the event of any conflict between requirement of any clause of this specification/ documents/drawings/data sheets etc. or requirements of different codes/standards specified, the same to be brought to the knowledge of BHEL in writing for clarification before due date of seeking clarification (whichever is applicable), otherwise, interpretation by BHEL shall prevail. Any typing error/missing pages/ other clerical errors in the tender documents, noticed must be pointed out before pre-bid meeting/submission of offer, else BHEL's interpretation shall prevail.
- 14.0** Unless specifically mentioned otherwise, bidder's quoted price shall deemed to be in compliance with tender including PBD.
- 15.0** Bidders shall submit Integrity Pact Agreement (Duly signed by authorized signatory who signs in the offer), **if applicable**, along with techno-commercial bid. This pact shall be considered as a preliminary qualification for further participation.

Integrity Pact (IP)

- (a) IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Contractors are handled in a fair, transparent and corruption free manner. Following Independent External Monitors (IEMs) on the present panel have been appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL.

SI	IEM	Email
1.	Dr. Sarat Kumar Acharya, Ex-CMD, NLC	iem1@bhel.in

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2.	Shri R. Mukundan, IRPS (Retd.)	iem2@bhel.in
3.	Shri Madan Lal Meena, IAS (Retd.)	iem3@bhel.in

- (b) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory) along with techno-commercial bid (Part-I, in case of two/ three part bid). Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be a preliminary qualification.
- (c) Please refer Section-8 of IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the panel of IEMs. All correspondence with the IEMs shall be done through email only.

Note:

No routine correspondence shall be addressed to the IEM (phone/ post/ email) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department's officials whose contact details are as per Clause no. 1, Salient Features of NIT, Sl. No. (ix).

16.0 The Bidder has to satisfy the Pre-Qualifying Requirements stipulated for this Tender in order to be qualified. The Price Bids of only those bidders will be opened who will be qualified for the subject job on the basis of satisfying the Pre-Qualification Criteria specified in this NIT as per Annexure-I (as applicable), past performance etc. and date of opening of price bids shall be intimated to only such bidders. BHEL reserves the right not to consider offers of parties under DEBARMENT.

17.0 Instructions regarding Hard Bid/Paper Bid – Not Applicable

18.0 Validity of the offer shall be for **six months** from the latest due date of offer submission (including extension, if any) unless specified otherwise.

19.0 Reverse Auction: BHEL shall be resorting to Reverse Auction (RA) (Extant Guidelines as available on <<https://www.bhel.com/guidelines-reverse-auction-2024>> on “**supplier registration page**”) for this tender. RA shall be conducted among all the techno-commercially qualified bidders.

Price Bids of all the techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.

20.0 On submission of offer, further consideration will be subject to compliance to tender & qualifying requirement and customer's acceptance, as applicable.

21.0 In case the bidder is an “Indian Agent of Foreign Principals”, ‘Agency agreement has to be submitted along with Bid, detailing the role of the agent along with the terms of payment for agency commission in INR, along with supporting documents.

22.0 The bidders shall not enter into any undisclosed M.O.U. or any understanding amongst themselves with respect to tender.

23.0 Consortium Bidding (or Technical Tie up) shall be allowed only if specified in Pre-Qualifying Requirement (PQR) criteria, and in such a case the following shall be complied with:

23.1 Prime Bidder (Consortium Leader) and other Consortium Partner or partners are required to enter into a consortium agreement for the said contract with a validity period of six months initially. In case bidder becomes L1, Consortium Agreement valid till contractual completion period shall be submitted to BHEL before signing the contract. Consortium Agreement shall be kept valid till scope of work awarded to consortium partner(s) as per contract is completed.

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- 23.2 'Standalone' bidder cannot become a **'Prime Bidder' or a 'Consortium bidder' or 'Technical Tie up bidder' in a consortium (or Technical Tie up) bidding**. Prime bidder shall neither be a consortium partner to other prime bidder nor take any other consortium partners.
- 23.3 Number of partners for a Consortium Bidding (or Technical Tie up) including Prime Bidder shall be NOT more than 5 (Five).
- 23.4 Prime Bidder shall be as specified in the Pre-Qualification Requirement, else the bidder who has the major share of work.
- 23.5 In order to be qualified for the tender, Prime Bidder and Consortium partner or partners shall satisfy (i) the Technical 'Pre Qualifying Requirements' specified for the respective package, (ii) "Assessment of Capacity of Bidder" as specified in clause 9.0.
- 23.6 Prime Bidder shall comply with additional 'Technical' criteria of PQR as defined in 'Explanatory Notes for the PQR'.
- 23.7 Prime Bidder shall comply with all other Pre Qualifying criteria for the Tender unless otherwise specified
- 23.8 In case customer approval is required, then Prime Bidder and Consortium Partner or partners shall have to be individually approved by Customer for being considered for the tender.
- 23.9 Prime bidder and Consortium partners shall be jointly and severally responsible for the overall execution of the contract.
- 23.10 In case of award of job, Performance shall be evaluated for Prime Bidder and Consortium Partner or partners for their respective scope of work(s) as per prescribed formats.
- 23.11 In case the Consortium partner or partners back out, their SDs shall be encashed by BHEL and BHEL shall take necessary action as per extant guidelines. In such a case, other consortium partner or partners meeting the PQR have to be engaged by the Prime Bidder and the new consortium partner or partners shall submit fresh SDs as applicable.

In case Prime bidder fails to engage new consortium partner, the respective work will be withdrawn and executed by BHEL and the expenses shall be recovered from the Prime bidder in following mode;

$$\text{Amount of recovery} = [(A-B) + (A \times H/100)]$$

Where,

A= Value of withdrawal Work of consortium partner as per rates of new contract

B= Value of withdrawal Work of consortium partner as per rates of old contract being paid to the contractor at the time of withdrawal of work i.e. inclusive of PVC & ORC, if any.

H = Overhead Factor to be taken as 5

In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero).

- 23.12 In case "Prime Bidder withdraws" or "insolvency / liquidation / winding up proceedings have been initiated / admitted against the Prime Bidder/ consortium bidders",
- consortium bids will be rejected
 - BHEL reserves the right to cancel, terminate or short close the contract or take any other action to safeguard BHEL's interest in the Project / Contract. This action will be without prejudice to any other action that BHEL can take under Law and the Contract to safeguard interests of BHEL.

23.13 After execution of work, the work experience shall be assigned to the Prime Bidder and the consortium partner or partners for their respective scope of work.

23.14 The consortium partner shall submit SD equivalent to 1% of the total contract value in addition to the SD to be submitted by the Prime Bidder for the total contract value. In case there are two consortium partners, then each partner shall submit SD equivalent to 0.5% of the total contract value in addition to the SD to be submitted by the Prime Bidder for the total contract value. However, Prime Bidder has also option for submission of SD on behalf of consortium partner (s).

SD submitted by Consortium Partner(s) may be released in case corresponding scope of work of the respective Consortium partner(s) has been completed upto the extent of 80% based on certification by Construction Manager and concurrence by the prime bidder.

23.15 In case of a Technical Tie up, all the clauses applicable for the Consortium partner shall be applicable for the Technical Tie up partner also.

24.0 The bidder shall submit documents in support of possession of 'Qualifying Requirements' duly self-certified and stamped by the authorized signatory, indexed and properly linked in the format for PQR. In case BHEL requires any other documents/proofs, these shall be submitted immediately.

25.0 The bidder may have to produce original document for verification if so decided by BHEL.

26.0 The consultant / firm (and any of its affiliates) shall not be eligible to participate in tender(s) for the related works or services for the same project, if they were engaged for the consultancy services.

27.0 Guidelines/rules in respect of Suspension of Business dealings, Vendor evaluation format, Quality, Safety & HSE guidelines, Experience Certificate, etc. may undergo change from time to time and the latest one shall be followed. The abridged version of extant 'Guidelines for suspension of business dealings with suppliers/ contractors' is available on www.bhel.com on "**supplier registration page**" i.e., <<https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors>>.

28.0 The offers of the bidders who are on the debarred list and also the offer of the bidders, who engage the services of the debarred firms, shall be rejected. The list of **debarred firms** is available on BHEL web site www.bhel.com on "**supplier registration page i.e., <<https://www.bhel.com/list-debarred-firms>>**".

28.1 Integrity commitment, performance of the contract and punitive action thereof:

28.1.1 Commitment by BHEL:

BHEL commits to take all measures necessary to prevent corruption in connection with the tender Process and execution of the contract. BHEL will during the tender process treat all Bidder(s) in a transparent and fair manner, and with equity.

28.1.2 Commitment by Bidder/ Supplier/ Contractor:

- (ii) The bidder/ supplier/ contractor commit to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India.
- (ii) The bidder/ supplier/ contractor 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 and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL.

- (iii) The bidder/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL.

If any bidder/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the prices or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then, action may be taken against such bidder/ supplier/ contractor as per extent guidelines of the company available on www.bhel.com and / or under applicable legal provisions.

29.0 Micro and Small Enterprises (MSE): (This is a WORKS CONTRACT. MSE BENEFIT SHALL NOT BE APPLICABLE FOR THE PACKAGE.)

- 30.0** The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website < <https://www.bhel.com/bhel-fraud-prevention-policy-0> > and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

31.0 PREFERENCE TO MAKE IN INDIA:

For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local Supplier/Non-Local Supplier and purchase preferences to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.

The Bidder to submit self-certification for the local content in Annexure-9 along with the techno-commercial offer.

31.1 Compliance to Restrictions under Rule 144 (xi) of GFR 2017

- I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. The Competent Authority for the purpose of this Clause shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).
- II. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- III. "Bidder from a country which shares a land border with India" for the purpose of this Clause means: -
 - a. An entity incorporated established or registered in such a country; or
 - b. A subsidiary of an entity incorporated established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose *beneficial owner* is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
- IV. The *beneficial owner* for the purpose of (III) above will be as under:
 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation

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- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.
- b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.
2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.
3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person has ownership of or entitlement to more than fifteen percent of the property or capital or profits of the such association or body of individuals.
4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.
- VI. The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

Note:

- (i) The bidder shall provide undertaking for their compliance to this Clause, in the format provided in Annexure-11.
- (ii) Registration of the bidder with Competent Authority should be valid at the time of submission of bids and at the time of acceptance of the bids.

- 32.0** Bid should be free from correction, overwriting, use of corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection. All overwriting/cutting, etc. will be numbered by bid opening officials and announced during bid opening.
- 33.0** 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.

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).

Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.

- 34.0** Bidders having a conflict of interest shall not be eligible to participate in the tender process. In this regard, a declaration in Annexure – 11 regarding 'Conflict of Interest' to be signed by the authorized signatory of the bidder.

35.0 Grievance Redressal Mechanism:

To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process.

Suppliers/Contractors are requested to follow the below escalation process for grievance resolution:

1. **First Level:** Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT).
2. **Second Level:** If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: <https://suvidha.bhel.in/suvidha/>. Responses will be provided in accordance with the defined escalation matrix."

36.0 Ordering Philosophy

- I. LOI shall be given to successful bidder for the entire scope of work by CPC upon finalization of the package.
- II. Subsequently, Successful Bidder shall submit the broad BBU in line with TCC as per the attached Chapter-XIX of TCC within 7 days from date of LOI
- III. Based on Approved BBU, CPC will release separate LOA as mentioned below, for execution/ billing for the value as derived from the approved BBU in the following manner:

Four (4) Nos different LOAs shall be released in the manner mentioned below packages

- a. Supply of Plant and Equipment including Type Tests
 - b. Installation Services- Erection and Commissioning including Transportation (Main Supply), Training & AMC
 - c. Civil and Site Fabricated Structural Works.
 - d. Mandatory Spares including Transportation – Within 24 months of placing LOI in line with customer requirement
- IV. BHEL shall reserve the right to divide/redistribute the ordering in some other manner as well (if required) at any point during ordering stage in order to have smooth operation/ execution. Decision of BHEL in this regard shall be final and binding on the vendor/ contractor
 - V. The division of package during ordering, as mentioned above, shall not in any way dilute the responsibility of the seller/ Contractor for the successful completion of the Facilities as per Technical Specifications and Terms & Conditions and a breach in one part/ order shall automatically be construed as a breach of the other part (s)/ Order (s) which will confer a right on the BHEL to take action on the seller/ contractor as per the terms & conditions on the other part (s)/ Order (s) also.

37.0 Order of Precedence:

In the event of any ambiguity or conflict between the Tender Documents, the order of precedence shall be in the order below:

- a. Contract agreement with its Amendments
- b. Letter of Award with its Amendments
- c. Amendments/Clarifications/Corrigenda/Errata etc. issued in respect of the tender documents by BHEL
- d. Notice Inviting Tender (NIT)
- e. Price Bid
- f. Technical Conditions of Contract (TCC)—Volume-IA
- g. General Conditions of Contract (GCC) —Volume-IC
- h. Forms and Procedures —Volume-ID

It may please be noted that guidelines/ circulars/ amendments/ govt. directives issued from time to time shall also be applicable.

for BHARAT HEAVY ELECTRICALS LTD
Sr Manager / SCT- CPC

Enclosure:

- i). Annexure-1: Pre Qualifying Requirements.
- ii). Annexure-2: Check List.
- iii). Annexure-3: Reverse Auction Process Compliance Form
- iv). Annexure-4: Authorization of representative who will participate in the online Reverse Auction Process
- v). Annexure-5: RA Price Confirmation and Breakup

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- vi). Annexure-6: Integrity Pact
- vii). Annexure-7: Undertaking as per C4 of Annexure-1 i.e. PQR
- viii). Annexure-8: Declaration reg. Related Firms & their areas of Activities
- ix). Annexure- 9: Declaration reg. minimum local content in line with revised public procurement
- x). Annexure-10: Declaration by the Contractor
- xi). Annexure-11: Declaration regarding 'conflict of interest'
- xii). Annexure-12: Solvency Certificate
- xiii). Annexure-13: Letter for Unutilized Line of Credit
- xiv). Annexure-14: Certificate for Insurance Surety Bond
- xv). Other Tender documents as per this NIT

ANNEXURE - 1**ANNEXURE I (PRE QUALIFYING REQUIREMENTS (PQR))**

JOB WORK DESCRIPTION	EPC PACKAGE FOR BALANCE OF PLANTS (BOP) AT MPPGCL SATPURA TPS, UNIT-12 (1X660 MW), SARNI (MP)
TENDER NO.	BHEL/CPC/SAT/EPC_BOP/26/083 Date: 09/02/2026

SL NO	PRE QUALIFICATION CRITERIA		Bidders to fill following details in respect of fulfilling the PQR Criteria				
		Applicable/ Not Applicable	Supporting Docs Details				File Name & Page No.
A.	Submission of Integrity Pact duly signed (if applicable) (Note: To be submitted by Prime Bidder, JV Partners & Consortium/Technical Tie up partner jointly in case Consortium bidding is permitted, otherwise by the sole bidder)	Applicable					
B.	<u>Technical</u>		Work Order	Work details	Client Details	Execute d Value/ Quantity	File Name & Page No.
	1. (i) The bidder should have executed contracts on engineering, procurement and construction (EPC) basis for at least one (1) no. coal based/lignite based/power plant of installed capacity not less than 250 MW which has been commissioned during the last 10 years and has been in successful operation for at least one (1) year (from the date of achieving full load) as on 7 days prior to the date of opening of the bid. The scope of work of such reference plant should have necessarily included design, engineering, supply, erection and commissioning (or supervision of erection and commissioning) on turnkey basis (with all associated mechanical, electrical, civil and structural works) of either: (a) Main power plant equipment (Boiler - Turbine-generator or Gas Turbine- HRSG - STG) with all associated integral auxiliaries.	Applicable					

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	<p style="text-align: center;">Or</p> <p>(b) Coal/lignite handling plant, ash handling plant, cooling tower and water system (water treatment/waste water treatment, DM plant and circulating water system) of a coal / lignite-based power plant.</p> <p>(ii) Alternatively, the bidder shall be a joint venture company (JVC) incorporated in India and registered under Companies Act 1956, provided that eligibility criteria mentioned at paragraph 1 (i) above is met by one of the promoters or jointly by more than one promoter. Each promoter company on the basis of whom the joint venture company gets qualified shall have minimum 26 % equity in the JV company. The equity shall be locked in at least for a period of 5 years from date of bid opening or till the completion of the warranty period of the project whichever is later. The bidder and the promoter company (ies) on whose strength the JV company is qualified, shall be jointly and severally liable for the execution of the contract and an undertaking to this effect shall be submitted along with the bid. In case of award, the said promoter company (ies) shall be required to give separate on demand bank guarantee for an amount equal to 1 % of the total contract price in addition to the contract performance guarantee of 10 % of contract value to be furnished by the JVC. The JVC partner on whose experience the qualification is sought shall not be allowed to bid independently or as a member in a consortium for this bid.</p>						
	OR						
	<p>2. The bidder can submit the bid in his individual capacity or in consortium with other partner(s). In case of consortium, number of consortium partners should be limited to FIVE (5). International consortium partner is also acceptable. One of the consortium partners shall be the consortium leader. The consortium leader should either have executed any one of the items of Paragraph 1 (i) (b) or single EPC project of contract value of at least Rs. 300 crores in the area of power, steel, fertilizer or any other process industry. Each consortium partner (excluding consortium leader) should have experience of at least one (1) of the following BOP packages in power plant or industries (Steel / Aluminium / Zinc or Copper plant /</p>	Applicable					

	<p>Gas or Nuclear plant / Municipal water treatment & distribution system) and shall meet the qualifying requirements indicated in the Annexure A to PQR (PQR TECHNICAL SPECIFICATION SECTION-VI, PART-A, BID DOC NO.: CW-CM-11233-C-O-M-001 SUB-SECTION-I-A PROVENNESS) along with subsequent clarifications and amendment as applicable:</p> <p>a) Coal handling plant. b) Ash handling plant. c) NDCT d) DM plant/ Pre-treatment plant/ Effluent treatment plant</p> <p>The consortium partners shall collectively meet PQR of all the above packages the consortium partners shall be jointly and severally responsible for the execution of the contract. The consortium agreement shall be furnished clarifying the split up of scope between consortium partners. Any of the members in a bidding consortium shall not separately participate as an independent bidder, as a member of any other consortium or as a promoter of JV company in the same bidding process.</p>						
	OR						
	<p>3. The bidder can submit the bid in individual capacity & should have executed (either own or its "parent company"/ "subsidiary company where the parent company shall have controlling stake of $\geq 50\%$") in the last 10 years Industrial Projects on EPC basis along with or without civil works in the area of Power, Steel, Oil & Gas, Petro-Chemical, Fertilizer and / or any other Process Industry with the total value of such projects being INR 1000 crores or more. At least one of such projects should have a contract value of INR 400 Crores or more. These projects shall be in successful operation for a period of not less than one (1) year prior to the date of techno-commercial bid opening</p>	Applicable					
	OR						
	<p>4. The bidder should have executed Infrastructure Project(S) (individually or as a lead partner in case of consortium/joint venture (jv)) which includes Engineering, Procurement and Construction of Infrastructure Works and having turnover of not less than INR. 1500 Crores during the</p>	Applicable					

	last financial year. Such bidder should also have executed Erection, Testing And Commissioning of major BOP works comprising of Coal Handling Plant, Ash Handling Plant, Cooling Tower, Chimney (or) BTG works comprising SG, STG & ESP in a minimum one (1) no. coal based/lignite based power plant of at least 500 MW unit capacity which is in successful operation for a period of not less than one (1) year prior to the date of techno-commercial bid opening.						
	Note: The BOP EPC Bidder shall source the engineering/ equipments (s)/ Sub systems (s) from such qualified vendors who meet the Sub-qualification/Provenness requirements as stipulated in Chapter VI of TCC						
C.	<u>Financial</u>						
C-1	<u>TURNOVER</u> Bidders must have achieved an average annual financial turnover (Audited) of Rs. 675 Cr or more over last three Financial Years (FY) ending on 31.03.2025 (i.e., FY 2022-23, 2023-24,2024-25) Note: In case of Consortium bidding; The average annual financial turnover (audited) of the Prime Bidder and consortium partner(s) collectively shall be Rs. 675 Cr or more over last three Financial Years (FY) ending on 31.03.2025 (i.e., FY 2022-23, 2023-24,2024-25). The average annual financial turnover (audited) of the Prime Bidder shall be at least Rs. 344.25 Cr over last three Financial Years (FY) ending on 31.03.2025 (i.e., FY 2022-23, 2023-24,2024-25). The average annual financial turnover (audited) of the Consortium partner(s) individually shall be at least Rs. 67.5 Cr or more over last three Financial Years (FY) ending on 31.03.2025 (i.e., FY 2022-23, 2023-24,2024-25). Note: In case, bidder is a JVC and does not meet these requirements, the financial capability of at least one (1) of the JVC partners on whose experience	Applicable					

	[as per Sl. No.1(ii) of technical criteria] the qualification is sought, shall meet the above requirement			
C-2	<p>NETWORTH (only in case of Companies)</p> <p>Net worth of the Bidder (In case of Consortium bidding: - Prime Bidder & Consortium partner(s) individually) based on the latest Audited Accounts as furnished for 'C-1' above should be positive.</p> <p>Note: In case, bidder is a JVC and does not meet these requirements, the financial capability of all the JVC partners individually, on whose experience [as per Sl. No.1(ii) of technical criteria] the qualification is sought, shall meet the above requirement.</p>	Applicable		
C-3	<p>PROFIT</p> <p>Bidder (In case of Consortium bidding: - Prime Bidder & Consortium partner(s) individually) must have earned profit in any one of the Five Financial Years ending on 31.03.2025 (i.e., FY 2020-21, 2021-22, 2022-23, 2023-24,2024-25). Bidder (In case of Consortium bidding: - Prime Bidder & Consortium partner(s) individually) to submit audited balance sheet and Profit & Loss Statement for the year as supporting documents.</p> <p>Note: In case, bidder is a JVC and does not meet these requirements, the financial capability of all the JVC partners individually, on whose experience [as per Sl. No.1(ii) of technical criteria] the qualification is sought, shall meet the above requirement</p>	Applicable		
C-4	<p>Bidder (In case of Consortium bidding: - Prime Bidder & Consortium partner(s) individually) must not be under Insolvency Resolution Process or Liquidation or Bankruptcy Code Proceedings (IBC) as on date, by NCLT or any adjudicating authority/authorities, which will render him ineligible for participation in this tender, and shall submit undertaking (Annexure-7) to this effect.</p> <p>Note: In case, bidder is a JVC, the financial capability of JV firm and all the JVC partners individually, on whose experience [as per Sl. No.1(ii) of technical criteria] the qualification is sought, shall meet the above requirement.</p>	Applicable		

C-5	<p>a) The bidder (In case of Consortium bidding: - Prime Bidder and Consortium partners shall collectively) shall submit Certificate of Solvency' for a value of Rs 225 Cr of the Indented estimate from any Scheduled Commercial (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-operative banks or Regional Rural Banks) as on date, not earlier than the date of NIT.</p> <p style="text-align: center;">OR</p> <p>b) The bidder (In case of Consortium bidding: - Prime Bidder and Consortium partners shall collectively) should furnish a letter for Unutilized line of credit from any Scheduled Commercial (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-operative banks or Regional Rural Banks), confirming the availability of the both funds based and non-fund-based line of credit for a value of Rs. 225 Cr as on date, not earlier than the date of NIT.</p> <p style="text-align: center;">OR</p> <p>c) The bidder (In case of Consortium bidding: - Prime Bidder and Consortium partners shall collectively) shall submit a certificate for Insurance Surety Bond from any Insurance Company (IRDA approved) for a value of Rs. 225 Cr as on date not earlier than the date of NIT.</p> <p>Note:</p> <p>1. In case of Consortium bidding, out of the total requirement value for the aforementioned instrument, the Prime Bidder shall have at least 51% of total requirement and Consortium partner(s) individually shall have at least 10% of total requirement.</p> <p>2. In case, bidder is a JVC and does not meet these requirements, the financial capability of at least one (1) of the JVC partners on whose experience [as per Sl. No.1(ii) of technical criteria] the qualification is sought, shall meet the above requirement.</p>	Applicable		
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D	Assessment of Capacity of Bidder to execute the work as per sl. no. 9 of NIT (if applicable)	Applicable	By BHEL
E	Approval of Customer Note: Names of bidders (including consortium/Technical Tie up partners in case consortium bidding is permitted) who stand qualified after compliance of criteria A to C shall be forwarded to customer for their approval.	Applicable	BY BHEL
F	Price Bid Opening Note: Price Bids of only those bidders shall be opened who stand qualified after compliance of criteria A to E		BY BHEL
G	Consortium Tie-up /Joint Venture	Applicable	
			File Name & Page No.

Explanatory Notes for the PQR:**Notes for Technical PQR 'B':**

1. Bidder to submit Audited Balance Sheet and Profit and Loss Account for the respective years as indicated against C-1 above along with all annexures.
2. Turnover means Revenue from Operations and excluding other income
3. In case audited Financial statements have not been submitted for all the three years as indicated against C-1 above, then the applicable audited statements submitted by the bidders against the requisite three years, will be averaged for three years.
4. C-2:-NETWORTH : Shall be calculated based on the latest Audited Accounts as furnished for C-1 above. Net worth = Paid up share capital + Reserves. (Net worth is required to be evaluated in case of companies)
5. C-3:- PROFIT : Shall be PBT earned during any one year of last five financial years as mentioned above.
6. For evaluation of PQR, in case Bidder alone does not meet the pre-qualifying technical criteria B1 above, bidder may utilize the experience of its Parent/ Subsidiary Company along with its own experience, subject to following:
 - i. The parent company shall have a controlling stake of $\geq 50\%$ in the subsidiary company (as per Format-1).

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- ii. The Parent Company/ Subsidiary Company of which experience is being utilized for bidding shall submit Security Deposit (SD) equivalent to 1% of the total contract value
 - iii. The parent/ subsidiary company and bidder shall provide an undertaking that they are jointly or severally responsible for successful performance of the contract (as per Format-2).
 - iv. In case Bidder is submitting bid as a Consortium Partner, option of utilizing experience of parent/subsidiary Company can be availed by Prime Bidder only.
 - v. Parent Company/ Subsidiary Company of which experience is being used for bidding, cannot participate as a 'Standalone Bidder' or as a 'Consortium bidder'.
7. Completion date for achievement of the technical criteria specified in the Technical criteria of PQR (as in 'B' above) should be in the last 10 years, wherever given in the criterion, ending on the 'latest date of Bid Submission' of Tender irrespective of date of the start of work. Completion date shall be reckoned from the "FY quarter of bid submission".
8. 'EXECUTED' means the bidder should have achieved the criteria specified in the Technical criteria of PQR (as in 'B' above) even if the Contract has not been completed or closed.

9. Explanatory Notes for PQR 'B'

- For QR 'B' above, actual executed value shall be considered.
- The evaluation currency for this tender shall be **INR**.
- For QR 'B' above, Value of work is to be updated with indices for "All India Avg. Consumer Price index for industrial workers" and "Monthly Whole Sale Price Index for All Commodities" with base month as per last month of work execution and indexed up to three (3) months prior to the month of latest due date of bid submission as per following formula-

$$P = \left\{ R + 0.425 \times R \times \frac{(X_N - X_0)}{X_0} + 0.425 \times R \times \frac{(Y_N - Y_0)}{Y_0} \right\}$$

Where

P = Updated value of work

R = Value of executed work

X_N = All India Avg. Consumer Price index for industrial workers for three months prior to the month of latest due date of bid submission (e.g. If latest bid submission date is 02-Mar-17, then bid submission month shall be reckoned as March'17 and index for Dec'2016 shall be considered).

X₀ = All India Avg. Consumer Price index for industrial workers for last month of work execution.

Y_N = Monthly Whole Sale Price Index for All Commodities for three months prior to the month of latest due date of bid submission (e.g. If latest bid submission date is 02-Mar-17, then bid submission month shall be reckoned as March'17 and index for Dec'2016 shall be considered).

Y_0 = Monthly Whole Sale Price Index for All Commodities for last month of work execution.

- Relevant documents, meeting above requirements at C & E, shall be submitted by bidders.

NOTE:

- 1) BIDDER SHALL SUBMIT ABOVE PRE-QUALIFICATION CRITERIA FORMAT, DULY FILLED-IN, SPECIFYING RESPECTIVE ANNEXURE NUMBER AGAINST EACH CRITERIA AND FURNISH RELEVANT DOCUMENT INCLUSIVE OF WORK ORDER AND WORK COMPLETION CERTIFICATE ETC IN THE RESPECTIVE ANNEXURES IN THEIR OFFER.
- 2) CREDENTIALS SUBMITTED BY THE BIDDER AGAINST "PRE QUALIFYING CRITERIAS" SHALL BE VERIFIED FOR ITS AUTHENTICITY. IN CASE, ANY CREDENTIAL (S) IS/ARE FOUND UNAUTHENTIC, OFFER OF THE BIDDER IS LIABLE TO THE REJECTION. BHEL RESERVES THE RIGHT TO INITIATE ANY FURTHER ACTION AS PER EXISTANT GUIDELINES FOR SUSPENSION OF BUSINESS DEALINGS

Format-1**Certificate for relationship between Parent Company / Subsidiary Company and the bidder**

To,

.....

.....

Dear Sir,

Sub: Bid for NIT Nodated..... for “.....” (name of the tender).

We hereby certify that M/s..... is Parent Company/ Subsidiary Company of M/s(the bidder) and details of equity holding of the Parent Company in Subsidiary Company as on(not earlier than seven days prior to the Bid Submission Date) are given as below:

Name of Parent Company	Name of Subsidiary Company	Percentage of Equity Holding of Parent Company in Subsidiary Company

(Insert Name and Signature of Statutory Auditor or practicing Company Secretary of the Bidder)

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Undertaking from the Parent Company/ Subsidiary Company of the bidder
(On the Letter Head of Parent Company/ Subsidiary Company, as applicable)

From,
Name:
Full Address:

Telephone No.:
E-mail address:
Fax/No.:

To,
.....
.....

Dear Sir,

We refer to the NIT Nodated..... for “.....” (name of the Tender).

“We have carefully read and examined in detail the NIT/Tender Terms and Conditions, including in particular, Clause of the NIT/Tender, regarding submission of an Undertaking, as per the prescribed Format 1 of the NIT/ Tender.

We confirm that M/s..... (the Bidder) has been authorized by us to use our Technical capability for meeting the Technical Criteria as specified in Clause.....of the PQR of the NIT/Tender referred above.

We agree to submit the Security Deposit equivalent to 1% of the total contract value in addition to Security Deposit to be submitted by Bidder as per Clause.....of the NIT/Tender for fulfilment of all obligations in terms of provisions of the contract, in the event of(the Bidder) being selected as the Successful Bidder.

We confirm that we along with M/s.....(the bidder), are jointly or severally responsible for successful performance of the contract.

We confirm that our company shall not participate in the above tender as a ‘Standalone Bidder’ or as a ‘Consortium bidder’ and also shall not authorize any other bidder to use our Technical capability for the above tender.

All the terms used herein but not defined, shall have the meaning as ascribed to the said terms under the referred NIT/Tender.

Signature of Managing Director/Authorized signatory of Parent/ Subsidiary Company

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ANNEXURE - 2**CHECK LIST****NOTE: - Tenderers are required to fill in the following details and no column should be left blank**

1	Name of the Tenderer	
2	Address of the Tenderer	
3	Type of the Firm/ Company	
(i)	In case of Individual Tenderer	His / her full name, address and place & nature of business shall be furnished along with the offer.
(ii)	In case of Partnership Firm	The names of all the partners and their addresses, A copy of the partnership deed/instrument of partnership duly certified by the Notary Public shall be furnished along with the offer.
(iii)	In case of Companies	a) Date and place of registration including date of commencement certificate in case of Public Companies (certified copies of Memorandum and articles of Association are also to be furnished). b) Nature of business carried on by the Company and the provisions of the Memorandum relating thereof.
4.a	Details of Contact person for this Tender	Name: Mr./ Ms. Designation: Telephone No: Mobile No: Email ID:
4.b	Details of alternate Contact person for this Tender	Name : Mr/ Ms Designation: Telephone No: Mobile No: Email ID:
5	Validity of Offer	To be valid for Six Months from due date
6	EMD Details (Remittance of EMD should be in line with Mode of Deposit as detailed in clause 1.9.1 of General Conditions of Contract (Volume IC Book-II))	
	A) Cash portion of EMD (Minimum Rs 2 Lakhs)	Mode of Remittance: Ref No: Date: Amount:
	A) Balance portion of EMD	Mode of Remittance: Ref No: Date: Amount:

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	DESCRIPTION	Applicability (BY BHEL)	Enclosed By Bidder
7	Whether the format for compliance with PRE QUALIFICATION CRITERIA (ANNEXURE – 1) is understood and filled with proper supporting documents referenced in the specified format.	Applicable	YES / NO
8	In case Balance portion of EMD is submitted in the form of Bank Guarantee (BG), a) Copy of SFMS (Structured Financial Message System) to be attached along with the bank guarantee towards verification of authenticity of BG. Or b) Declaration by contractor / vendor with list of their banks along with a confirmation that none of their banks are SFMS compliant and Paper Bank Guarantee sent to BHEL directly by the issuing bank under Registered Post (A.D.) / Speed Post/ Courier/ By Hand along with a covering letter.	Applicable	YES / NO YES / NO
9	Whether all pages of the Tender documents including annexures, appendices etc. are read and understood	Applicable	YES / NO
10	Audited Balance Sheet and profit & Loss Account for the last Three/Five years as mentioned at PQR C-1 & C-3.	Applicable	YES / NO
11	Copy of PAN Card	Applicable	YES / NO
12.	Copy of GST registration	Applicable	YES / NO
13	Submission of copy of Registration /Incorporation Certificate, Partnership Deed (Certified by Notary Public) as applicable for firm	Applicable	YES / NO
14	Organization Chart of the tenderer's organization, including the names, addresses and contact information of the Directors/Partners shall be furnished along with the offer.	Applicable	YES / NO
15	Integrity Pact (Annexure – 6 of NIT)	Applicable	YES / NO
16	Annexures – 3, 4 & 5 of NIT	Applicable	YES / NO
17	Annexures – 7, 8, 9, 10, 11, 12, 13 & 14 of NIT	Applicable	YES / NO
18	Offer forwarding letter / tender submission letter [Form No. F-01 (Rev 00)]	Applicable	YES / NO
19	Declaration by Authorized Signatory [Form No: F-02 (Rev 00)]	Applicable	YES / NO
20	Power of Attorney for Submission of Tender/Signing Contract Agreement [Form No: F-03 (Rev 00)]	Applicable	YES / NO
21	Declaration by Authorized Signatory regarding Authenticity of submitted documents [Form No: F-04 (Rev 00)]	Applicable	YES / NO
22	No Deviation Certificate [Form No: F-05 (Rev 00)]	Applicable	YES / NO
23	Declaration confirming knowledge about Site Conditions [Form No: F-06 (Rev 00)]	Applicable	YES / NO
24	Declaration for relation in BHEL [Form No: F-07 (Rev 00)]	Applicable	YES / NO
25	Non-Disclosure Certificate [Form No: F-08 (Rev 00)]	Applicable	YES / NO
26	Bank Account Details for E-Payment [Form No: F-09 (Rev 00)]	Applicable	YES / NO
27	Format for seeking clarification [Form No: F-10 (Rev 00)]	Applicable	YES / NO
28	Analysis of Unit rates Quoted [Form No: F-11 (Rev 00)]	Not Applicable	YES / NO
29	Capacity Evaluation of Bidder for current Tender [Form No: F-12 (Rev 00)]	Applicable	YES / NO
30	Tie Ups/Consortium Agreement are submitted as per format	Applicable	YES / NO
31	Documents as per Chapter X of TCC	Applicable	YES / NO

NOTE: STRIKE OFF 'YES' OR 'NO', AS APPLICABLE. TENDER NOT ACCOMPANIED BY THE PRESCRIBED **ABOVE APPLICABLE DOCUMENTS** ARE LIABLE TO BE SUMMARILY REJECTED.

DATE :

Sign. of the **AUTHORISED SIGNATORY**
(With Name, Designation and Company seal)

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ANNEXURE - 3**Reverse Auction Process Compliance Form**

(The bidders are required to print this on their company's letterhead and sign, stamp before RA)

To

- M/s. {Service provider}
- Postal address}

Sub: Agreement to the Process related Terms and Conditions

Dear Sir,

This has reference to the Terms & Conditions for the Reverse Auction mentioned in the RFQ document for {Items} against BHEL enquiry/ RFQ no.{.....} dt. {.....}

This letter is to confirm that:

- 1) The undersigned is authorized official/ representative of the company to participate in RA and to sign the related documents.
- 2) We have studied the Reverse Auction guidelines (as available on www.bhel.com), and the Business rules governing the Reverse Auction as mentioned in your letter and confirm our agreement to them.
- 3) We also confirm that we have taken the training on the auction tool and have understood the functionality of the same thoroughly.
- 4) We also confirm that, in case we become L1 bidder, we will FAX/ email the price confirmation & break up of our quoted price as per Annexure - 6 within **two** working days (of BHEL) after completion of RA event, besides sending the same by registered post/ courier both to M/s. BHEL and M/s. {Service provider.}

We, hereby confirm that we will honor the Bids placed by us during the auction process.

With regards

Signature with company seal

Name:

Company / Organization:

Designation within Company / Organization:

Address of Company / Organization:

Sign this document and FAX/ email it to M/s {Service provider} at {.....} prior to start of the Event.

ANNEXURE – 4**Authorization of representative who will participate in the on line Reverse Auction Process**

1	NAME OF THE BIDDER	
2	NAME & DESIGNATION OF OFFICIAL	
3	POSTAL ADDRESS (COMPLETE)	
4	TELEPHONE NOS. (LAND LINE & MOBILE BOTH)	
5	E-MAIL ADDRESS	
6	NAME OF PLACE/ STATE/ COUNTRY, WHEREFROM S/HE WILL PARTICIPATE IN THE REVERSE AUCTION	

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ANNEXURE – 5

RA price confirmation and breakup
(To be submitted by L1 bidder after completion of RA)

To

- M/s. Service provider
- Postal address

CC: M/s BHEL

{Unit-
Address-}Sub: **Final price quoted during Reverse Auction and price breakup**

Dear Sir,

We confirm that we have quoted.

Rs.{ _____ **in value & in words** _____ } **for item(s) covered under tender enquiry No. {...}**
dt.{...}

Total price of the items covered under above cited enquiries is inclusive of {Packing & forwarding, GST freight and insurance charges up to {.....} District,{.....} State and Type Test Charges etc., other as per NIT}

as our final landed prices as quoted during the Reverse Auction conducted today {date} which will be valid for a period of { _____ **in nos. & in words** _____ } days.

The price break-up is as given below.

Total

=====

- Rs. in value & in words

=====

Yours sincerely,

For _____

Name:**Company:****Date:****Seal:**

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ANNEXURE – 6**INTEGRITY PACT**

(To be submitted by Prime Bidder, JV Partners & Consortium/Technical Tie up partner jointly in case Consortium bidding is permitted, otherwise by the sole bidder)

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 Tender No.: _ BHEL/CPC/SAT/EPC_BOP/26/083 for EPC PACKAGE FOR BALANCE OF PLANTS (BOP) AT MPPGCL SATPURA TPS, UNIT-12 (1X660 MW), SARNI (hereinafter referred to as "Contract"). 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 panel of Independent External Monitor(s) (IEMs), 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 Bharatiya Nyaya Sanhita (BNS) 2023 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.–The Bidder(s)/ Contractor(s) commits himself to observe the following principles during 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

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- 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 Bharatiya Nyaya Sanhita (BNS) and Prevention of Corruption 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 shall await their decision in the matter.

Section 3 - Disqualification from tender process and 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, terminate the contract, if already awarded, exclude from future business dealings and/ 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 (s) from the tender process before award / order acceptance according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- 4.2 If the Principal is entitled to terminate the Contract according to Section 3, or terminates the Contract in application of Section 3 above, the Bidder(s)/ Contractor (s) transgression through a violation of Section 2 above shall be construed breach of contract and the Principal shall be entitled to demand and recover from the Contractor an amount equal to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher, as damages, in addition to and without prejudice to its right to demand and recover compensation for any other loss or damages specified elsewhere in the contract.

Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 (three) years (to be reckoned from date of bid submission) with any other company in any country conforming to the anti-corruption approach in India that could justify his exclusion from the tender process. The date of such transgression, for the purpose of disclosure by the bidders in this regard, would be the date on which cognizance of the said transgression was taken by the competent authority. The transgression(s), for which cognizance was taken even before the said period of three years, but are pending conclusion, shall also be reported by the bidders.
- 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 or action can be taken as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 6 - Equal treatment of all Bidder (s)/ Contractor (s) / Sub-contractor (s)

- 6.1 The Principal will enter into Integrity Pacts with identical conditions as this Integrity Pact with all Bidders and Contractors.

- 6.2 In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In case of Sub-contracting, the Principal Contractor shall be solely responsible for the adherence to the provisions of IP by the sub-contractor(s).
- 6.3 The Principal will disqualify from the tender process all Bidders who do not sign this Integrity Pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors

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 panel of Independent External Monitor (s) (IEMs) for this Integrity Pact. The task of the IEMs is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Integrity Pact on receipt of any complaint by them from the bidder(s).
- 8.2 The IEMs are 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 IEMs shall be provided access to all documents/ records pertaining to the Contract, for which a complaint or issue is raised before them as and when warranted. However, the documents/records/information having National Security implications and those documents which have been classified as /Top Secret are not to be disclosed.
- 8.4 The Principal will provide to the IEMs 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 IEMs the option to participate in such meetings.
- 8.5 The role of IEM is advisory and the advice of IEM is non- binding on the Organization. However, as IEMs are invariably persons with rich experience who have retired as senior functionaries of the government, their advice would help in proper implementation of the IP.
- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of the tendering process, the matter should be examined by the full panel of IEMs jointly, who would look into the records, conduct an examination, and submit their joint recommendations to the Management. In case the full panel is not available due to some unavoidable reasons, the available IEM(s) will conduct examination of the complaints. Consent of the IEM(s), who may not be available, shall be taken on record.
- 8.7 The IEMs shall examine all the representations/grievances/ complaints received by them from the bidders or their authorized representative related to any discrimination on account of lack of fair play in modes of procurement and bidding systems, tendering method, eligibility conditions, bid evaluation criteria, commercial terms & conditions, choice of technology/ specifications etc.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the IEMs and its terms and conditions.
- 8.9 IEMs 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 Principal should be looked into by the CVO of the Principal.
- 8.10 If the IEMs have reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Bharatiya Nyaya Sanhita (BNS)/ 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 IEMs may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 After award of work, the IEMs shall look into any issue relating to execution of Contract, if specifically raised before them. As an illustrative example, if a Contractor who has been awarded the Contract, during the execution of Contract, raises issue of delayed payment etc. before the IEMs, the same shall be examined by the panel of IEMs.
- 8.12 However, the IEMs may suggest systemic improvements to the management of the Principal, if considered necessary, to bring about transparency, equity and fairness in the system of procurement.
- 8.13 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

- 9.1 This Integrity Pact shall be operative from the date this Integrity Pact is signed by both the parties. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- 9.2 If any claim is made/ lodged during currency of this Integrity Pact, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 - Other Provisions

- 10.1 This Integrity Pact is subject to Indian Laws and exclusive jurisdiction shall be of the competent Courts as indicated in the Tender or Contract, as the case may be.
- 10.2 Changes and supplements as well as termination notices need to be made in writing.
- 10.3 If the Bidder(s)/ Contractor(s) is a partnership or a consortium or a joint venture, this Integrity Pact shall be signed by all partners of the partnership or joint venture or all consortium members.
- 10.4 Should one or several provisions of this Integrity Pact turn out to be invalid, the remainder of this Integrity Pact 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 Integrity Pact with the Principal would be competent to participate in the bidding. In other words, entering into this Integrity Pact would be a preliminary qualification.
- 10.6 In the event of any dispute between the Principal and Bidder(s)/ Contractor(s) relating to the Contract, in case, both the parties are agreeable, they may try to settle dispute through Mediation before the panel of IEMs in a time bound manner. If required, the Principal may adopt any mediation rules for this purpose. However, not more than five meetings shall be held for a particular dispute resolution. The fees/expenses on dispute resolution shall be equally shared by both the parties. In case, the dispute remains unresolved even after mediation by the panel of IEMs, either party may take further action as the terms & conditions of the Contract.

 For & On behalf of the Principal
 (Office Seal)

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

Place _____

Date _____

Witness: _____

(Name & Address) _____

Witness: _____

(Name & Address) _____

ANNEXURE – 7**UNDERTAKING**

(To be submitted by Prime Bidder, JV Partners & Consortium partner jointly in case of Consortium bidding, otherwise by the sole bidder)

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

_____ (Write Name and Designation of Officer of BHEL inviting the Tender);

**Bharat Heavy Electricals Limited,
Central Procurement Cell (CPC), 8th Floor, BHEL SADAN,
Plot No. 25, Sector-16A, Noida, U.P.-201301**

Dear Sir/Madam,

Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS

Ref: NIT/Tender Specification No:

I/We, _____

declare that, I/We am/are not under insolvency resolution process or liquidation or Bankruptcy Code Proceedings (IBC) as on date, by NCLT or any adjudicating authority/authorities, which will render us ineligible for participation in this tender.

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

Place:

Date:

रजिस्टर्ड ऑफिस : भेल हाउस, सिरी फोर्ट, नई दिल्ली – 110049

Registered Office : BHEL House, Siri Fort, New Delhi – 110 049, India, Website : www.bhel.com

ANNEXURE-8**DECLARATION**

(To be submitted by Prime Bidder, JV Partners & Consortium partner jointly in case of Consortium bidding, otherwise by the sole bidder)

Date: _____

To,

_____ (Write Name and Designation of Officer of BHEL inviting the Tender);

**Bharat Heavy Electricals Limited,
Central Procurement Cell (CPC), 8th Floor, BHEL SADAN,
Plot No. 25, Sector-16A, Noida, U.P.-201301**

Sub: **Details of related firms and their area of activities**

Dear Sir/ Madam,

Please find below details of firms owned by our family members that are doing business/ registered for same item with BHEL, _____ (NA, if not applicable)

1	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
2	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
...		

Note: I certify that the above information is true and I agree for penal action from BHEL in case any of the above information furnished is found to be false.

Regards,

(_____)

From: M/s _____

Supplier Code: _____

Address: _____

रजिस्टर्ड ऑफिस : भेल हाउस, सिरी फोर्ट, नई दिल्ली – 110049

Registered Office : BHEL House, Siri Fort, New Delhi – 110 049, India, Website : www.bhel.com

Annexure-9

**DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH
REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 19TH JULY, 2024
AND SUBSEQUENT ORDER(S)**

(To be typed and submitted in the Letter Head of the Entity/Firm providing certificate as applicable)

To,

_____ (Write Name and Designation of Officer of BHEL inviting the Tender);

**Bharat Heavy Electricals Limited,
Central Procurement Cell (CPC), 8th Floor, BHEL SADAN,
Plot No. 25, Sector-16A, Noida, U.P.-201301**

Dear Sir,

Sub: Declaration reg. minimum local content in line with Public Procurement (Preference to Make in India), Order 2017-Revision, dated 19th July, 2024 and subsequent order(s).

Ref : 1) NIT/Tender Specification No: _____,
2) All other pertinent issues till date

We hereby certify that the items/works/services offered by..... (specify the name of the organization here) has a local content of _____ % and this meets the local content requirement for '**Class-I local supplier**' / '**Class II local supplier**' ** as defined in Public Procurement (Preference to Make in India), Order 2017-Revision dated 19.07.2024 issued by DPIIT and subsequent order(s).

The details of the location(s) at which the local value addition is made are as follows:

1. _____	2. _____	5. _____
3. _____	4. _____	6. _____

Thanking you,
Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

** - Strike out whichever is not applicable.

Note:

1. The Bidder to submit self-certification for the local content in the above format along with the techno-commercial offer.
2. In case the bidder's quoted value is in excess of Rs. 10 crores, the contractor shall be required to give local content certification duly certified by statutory auditor or cost auditor of the company (in the case of companies) or a practising cost accountant or practicing chartered accountant (in respect of suppliers other than companies) at the time of execution of project.
3. In case the contractor/supplier does not meet the stipulated requirement and the category of the supplier changes from Class -I to Class-II/Non-local or from Class-II to Non-local, a penalty up to 10% of the contract value shall be imposed.
4. In the event of false declaration, actions as per the above order and as per BHEL Guidelines shall be initiated against the bidder.

रजिस्टर्ड ऑफिस : भेल हाउस, सिरी फोर्ट, नई दिल्ली – 110049

Registered Office : BHEL House, Siri Fort, New Delhi – 110 049, India, Website : www.bhel.com

ANNEXURE-10**DECLARATION REGARDING COMPLIANCE TO RESTRICTIONS UNDER RULE 144 (xi) OF GFR 2017**
(To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable)

To,

(Write Name and Designation of Officer of BHEL inviting the Tender);**Bharat Heavy Electricals Limited,
Central Procurement Cell (CPC), 8th Floor, BHEL SADAN,
Plot No. 25, Sector-16A, Noida, U.P.-201301**

Dear Sir,

Sub: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017**Ref :** 1) NIT/Tender Specification No:
2) All other pertinent issues till date

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries. I certify that _____ **(SPECIFY THE NAME OF THE ORGANIZATION HERE)**, is not from such a country/ has been registered with the Competent Authority (*attach valid registration by the Competent Authority, i.e., the Registration Committee constituted by the Dept. for Promotion of Industry and Internal Trade (DPIIT)*); and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. (*attach relevant valid registration, if applicable*)

I hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

Thanking you,
Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

Note: Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be a ground for immediate termination and for taking further action in accordance with law and as per BHEL guidelines.

रजिस्टर्ड ऑफिस : भेल हाउस, सिरी फोर्ट, नई दिल्ली – 110049

Registered Office : BHEL House, Siri Fort, New Delhi – 110 049, India, Website : www.bhel.com

ANNEXURE-11**DECLARATION REGARDING 'CONFLICT OF INTEREST'**

(To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable)

To,

_____*(Write Name and Designation of Officer of BHEL inviting the Tender);*

**Bharat Heavy Electricals Limited,
Central Procurement Cell (CPC), 8th Floor, BHEL SADAN,
Plot No. 25, Sector-16A, Noida, U.P.-201301**

Dear Sir,

Sub: Declaration regarding 'Conflict of Interest'.

Ref : 1) NIT/Tender Specification No: _____
2) All other pertinent issues till date

Treatment of cases regarding conflict of interest:

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. 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, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

(Signature, Date & Seal of Authorized Signatory of the Bidder)

रजिस्टर्ड ऑफिस : भेल हाउस, सिरी फोर्ट, नई दिल्ली – 110049

Registered Office : BHEL House, Siri Fort, New Delhi – 110 049, India, Website : www.bhel.com

ANNEXURE – 12**CERTIFICATE OF SOLVENCY**

(To be given on Letter head of the Scheduled/Commercial Bank (excluding Cooperative Bank) duly certified (Signed & Stamped))

To whomsoever it may concern

This is to certify that M/s. _____ having their Registered Office at _____ is solvent to the extent of ₹ _____ [Amount in Words _____] as on date & on the basis of information disclosed and records available with us and is deemed capable of furnishing Bank Guarantees of value equivalent to 50% of the aforesaid Solvency Value.

This certificate is issued at the request of M/s. _____

This certificate is issued without any risk / liability or responsibility whatsoever on the part of the Bank or any of its officers.

Signature of authorised signatory with seal :

Name of Authorised Signatory of the bank :

Date of issue of Certificate :

Address of the bank with IFSC code :

Email of the bank :

Phone no of the bank :

रजिस्टर्ड ऑफिस : भेल हाउस, सिरी फोर्ट, नई दिल्ली – 110049

Registered Office : BHEL House, Siri Fort, New Delhi – 110 049, India, Website : www.bhel.com

ANNEXURE – 13**LETTER FOR UNUTILIZED LINE OF CREDIT**

(To be given on Letter head of the Scheduled/Commercial Bank (excluding Cooperative Bank) duly certified (Signed & Stamped))

To,
Bharat Heavy Electricals Limited
Central Procurement Cell
PSHQ, 8th Floor, BHEL Sadan
Plot No -25, Sector 16 A,
Gautam Buddha Nagar (Uttar Pradesh) - 201301

Sir/ Madam,

_____ (Name of the bank with branch address) certify that M/s _____ (Name of the bidder), having registered office at _____ (Address of the account holder) is maintaining a Savings Bank Account / Current Account (tick whichever is applicable) bearing No. _____ (Account No.) with us since _____ (Year of account opening) and having an approved line of credit limit (both fund based and non-fund based) of Rs - _____, out of which the current unutilized limit is Rs _____ (Amount in Words) (both fund based and non-fund based) as on date _____.

Signature of authorised signatory with seal :

Name of Authorised Signatory of the bank :

Date of issue of Certificate :

Address of the bank with IFSC code :

Email of the bank :

Phone no of the bank :

रजिस्टर्ड ऑफिस : भेल हाउस, सिरी फोर्ट, नई दिल्ली – 110049

Registered Office : BHEL House, Siri Fort, New Delhi – 110 049, India, Website : www.bhel.com

ANNEXURE – 14**CERTIFICATE FOR INSURANCE SURETY BOND**

(To be given on Letter head of the Insurance company registered under IRDA (duly certified (Signed & Stamped))

To whomsoever it may concern

This is to certify that M/s _____ can avail Insurance surety bond up to a sum of Rs. _____ (Amount in words) from our Insurance company (Name of the company) as on date on the basis of their financial position.

Signature of authorised signatory with seal :

Name of Authorised Signatory of Insurance Company :

Date of issue of Certificate :

Address of the Insurance Company :

Email of the Insurance Company :

Phone no of the Insurance Company :

रजिस्टर्ड ऑफिस : भेल हाउस, सिरी फोर्ट, नई दिल्ली – 110049

Registered Office : BHEL House, Siri Fort, New Delhi – 110 049, India, Website : www.bhel.com



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4.3 Natural Draught Cooling Tower

- 4.3.1. Bidder/its sub-vendor should have designed, constructed and commissioned of at least one(1) number Natural Draught Cooling Tower in RCC Construction of capacity not less than 30,000 m³/hr which has been in successful operation for at least one(1) year.

In case the reference cooling tower has been designed by a party other than the Bidder/its sub-vendor, the Bidder/its sub-vendor shall employ a Design Agency, who has independently designed a Natural Draught Cooling Tower of capacity not less than 30,000 Cu.M/Hr in RCC construction and which has been in successful operation for at least one (1) year. In such a case, Bidder/its sub-vendor shall be required to furnish a letter of support from the Design Agency for successful performance of Natural Draught Cooling Tower as per the format enclosed in the bidding document. This letter of technical support should be submitted to Employer prior to the placement of order on approved sub-vendor.

OR

- 4.3.2. Bidder/its sub-vendor who does not meet the requirements under clause 4.3.1, can also participate in collaboration/association with a firm who fully meets the requirements at clause 4.3.1 , provided the bidder/its sub-vendor has executed projects involving RCC works of tall structures of minimum height of 100m using slip/jump form shuttering.

In such a case, the Bidder shall be required to furnish a Deed of Joint Undertaking executed by the Bidder/its sub-vendor and its Collaborator/Associate for the successful performance of Cooling Tower, as per the format enclosed with the bidding documents. The Deed of Joint Undertaking (DJU) shall be submitted at the time of placement of order on the approved sub-vendor. In case of award, sub-vendor and Collaborator/Associate shall each be required to furnish an on-demand bank guarantee for INR 65 million (Sixty Five Million only) in addition to the contract performance security to be furnished by the bidder.

4.4 Fire Detection and Protection System

The Bidder/its sub-vendor should have designed, supplied, erected and commissioned at least one (1) fire protection system of contract value not less than **INR 35.0 Million** or equivalent in foreign currency (exchange rate applicable as on date of Techno-Commercial bid opening), in industrial installation. The fire protection system should have comprised of:

- Fire hydrant system.
- High velocity water (HVW) spray or medium velocity water (MVW) spray or sprinkler system.
- Fire water pumping and pressurizing arrangement.

The system mentioned above should have been designed to the recommendations of Tariff Advisory Committee of India or Oil Industry Safety Directorate (OISD) or any other International reputed



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authority (like LPC-U.K. or NFPA, USA) and this system should have been in successful operation for a period of not less than one (1) year.

In addition, the analogue addressable type fire alarm system proposed to be supplied shall be sourced from a firm who has supplied at least one (1) similar system which has been approved or listed by UL-USA/ FM-USA/ LPC-UK/ similar agency and should have been in operation for at least one (1) year. Further, the Inert gas fire extinguishing system shall be sourced from an agency who has designed and supplied at least one (1) Inert gas total flooding fire extinguishing system having a total risk volume of at-least 1000 Cum. This system must have been designed to the recommendation of Tariff Advisory Committee of India or any other International reputed authority (like LPC-U.K. or NFPA, USA) and should have been in operating condition for a period not less than one (1) year.

4.5 Air Conditioning System

The Bidder/ its sub-vendor should have designed, supplied, erected and commissioned at least one (1) number of Air conditioning system having a total installed capacity of 300TR or more including stand-by chiller unit (if any), which should have included at least one chilling unit with a minimum capacity of **60TR**. The system should have been in successful operation for at least one (1) year.

In addition, the chiller unit(s) proposed to be supplied for this package shall be sourced from the manufacturer(s) who have manufactured and supplied at least one (1) number of similar type of chiller unit having a capacity of not less than 150 TR, which should have been in successful operation for at least one (1) year.

4.6 Ventilation System

The Bidder/its sub-vendor should have designed, supplied, erected, and commissioned at least one (1) number ventilation system including similar air washer unit having individual fan capacity of 80,000 Cum./Hr. or more. The system should have been in successful operation for at least one (1) year.

4.7 Compressed Air System

- A) The bidder/ its sub-vendor should have designed, manufactured, supplied, erected/supervised erection and commissioned/supervised commissioning of at least one (1) number non-lubricated oil free screw type air compressor of minimum capacity 20 NM³/min or at least one (1) number centrifugal air compressor of minimum capacity 50 NM³/min and at rated discharge pressure of 8 kg/cm² (g) which should have been in successful operation for at least one (1) year. Bidder/its sub-vendor shall offer only the type of compressors for which he is qualified.



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- B) The Air Drying Plant (A.D.P) shall be supplied from such manufacturers who have manufactured and supplied at least one (1) number Air Drying Plant of capacity 50 NM³/min or more and the type same as offered, which should have been in successful operation for at least one (1) year.

4.8 Water Pre-treatment Plant

The Bidder/its sub-vendor should have designed, supplied, erected/supervised erection and commissioned/supervised commissioning 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.

4.9 Ion Exchange Demineralization Plant

In case the Bidder/its sub-vendor offers ion exchange based demineralization Plant for DM water, the Bidder /its sub vendor should have designed, supplied, erected and commissioned at least one (1) number of ion exchange based demineralizing plant, consisting of at least one (1) stream of minimum 60 cum./hr capacity, capable of producing outlet water quality of silica and conductivity not more than 0.02 ppm as SiO₂ and 0.2 micromho/cm respectively, which should have been in successful operation for at least one (1) year.

4.10 Reverse Osmosis Plant

In case the Bidder/its sub-vendor offers reverse osmosis with mixed bed combination plant for DM water, the Bidder/its sub-vendor should have designed, supplied, erected and commissioned / supervised commissioning of one (1) number Reverse Osmosis (RO) Plant consisting of at least one (1) stream of minimum 60 cum./hr capacity, capable of producing outlet water quality of silica and conductivity not more than 0.02 ppm as SiO₂ and 0.2 micromho/cm respectively.

The above RO plant (s) should be having design inlet feed Water (fresh 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.

4.11 CW Chemical Treatment

The Bidder/its sub-vendor 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 Cu.M/hr operating in alkaline pH range and both the treatment programs should have been in successful operation for at least one (1) year. These contracts should include supply of chemicals, operation and maintenance of the system. The Chemicals used in these programs should have been organic polymers/ organic phosphorous compounds/ organic phosphates-based chemicals.

4.12 Hydrogen Generation Plant

The bidder/its sub-vendor should have designed and supplied at least one (1) number hydrogen generation plant of the type specified, comprising of electrolyser(s) and gas compressor(s) to generate Hydrogen at 5 NM³/hr (minimum) of 99.7% purity (minimum) at the main electrolyser



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outlet which should have been in successful operation for at least one (1) year. Bidder/its Sub-vendor shall offer only the type of hydrogen generation plant for which he is qualified.

4.13 Mill Reject Handling System

Mill reject handling system offered by the Bidder/its Sub-Vendor shall be only from such manufacturer/supplier who has previous experience of manufacturing/got manufactured and supplying metallic belt conveyor type or chain flight conveyor type handling systems of capacity 1.5 MTPH or higher for any industrial installations which are in successful operation in at least one (1) plant for a period not less than one (1) year.

The reference handling systems should be of the same type i.e., metallic belt conveyor system or chain flight conveyor system as is being offered by the Bidder/ its Sub- vendor.

4.14 Condensate Polishing Plant

The Bidder/its Sub-vendor should meet the qualifying requirements of any one of the qualifying routes stipulated under clause 4.14 (a) or 4.14 (b)

- a) The Bidder/its Sub-vendor 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 M3/hr. The plant shall have external regeneration system, incorporating the same resin separation and regeneration process as proposed by the Bidder / its Sub-vendor for this package. The above plant should have been in successful operation for a period of at least one (1) year.
- b) The Bidder/its Sub-vendor who do not meet the qualification requirements stipulated at (a) above, may also participate provided the Bidder/its Sub-vendor is a Contractor in water treatment plant and has executed at least one (1) number ion exchange based demineralising 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 4.14 (a) above.

In such a case, the Bidder/its sub-vendor 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 in the bidding document. This letter of technical support should be submitted to Employer prior to the placement of order on approved sub-vendor.

4.15 Turbine Hall EOT crane

The Bidder/ its sub-vendor should have designed, manufactured, erected and commissioned EOT cranes of capacity 100T or more with minimum crane span of 28 meters, which is in successful operation in at least one (1) station for a minimum period of one (1) year.

4.16 Condenser on-load tube cleaning system (COLTCS)



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The Bidder/ its sub-vendor should have designed, manufactured, erected and commissioned COLTCS with ball collecting strainer having diameter of not less than 2100 mm, which is in successful operation in at least one (1) station for a minimum period of one (1) year.

4.17 NOT USED

4.18 On-line Blade Vibration Monitoring System for Low Pressure (LP) Turbines (in case Free Standing Blades are offered)

The Bidder/sub-vendor should have designed, engineered, supplied, installed and commissioned at least one (1) number of Integrated On-line Blade Vibration system for health monitoring/Crack Detection of free-standing blades of Low Pressure Turbine of Steam Turbine Generator set of 200 MW or above capacity. This integrated system* should have been in successful operation at each installation for at least 7000 operating hours prior to the date of techno commercial bid opening. The Bidder should offer and supply the integrated system* of same Make and type for which it/its sub-vendor meets the above requirement.

OR

The Bidder/sub-vendor should have designed, engineered, supplied, installed and commissioned at least one (1) number of On-line Blade Vibration integrated system* for health monitoring/Crack Detection of free standing blades of Compressor/Turbine of Gas Turbine Generator set** of 200 MW or above capacity. This integrated system* should have been in successful operation for at least 7000 operating hours prior to the date of techno commercial bid opening. The Bidder should offer and supply the integrated system* of same Make and type for which it/its sub-vendor meets the above requirement.

* integrated system means complete system combining both hardware and software and sensors mounted inside turbine casing, directly seeing the blades in non-contact manner.

** In case of combined cycle gas stations, Gas Turbine Generator set capacity means capacity exclusively of Gas Turbine Generator set.

4.19 Ash Handling System

4.19.1 The Bidder/ its Sub- vendor(s) should be supplier of ash handling system(s) and should have executed ash handling system(s) involving design, engineering, manufacturing/got manufactured, supply, erection /supervised erection and commissioning/ supervised commissioning for-

(a) Wet Bottom Ash handling system comprising either a jet pump system in conjunction with water impounded Bottom Ash Hopper or a submerged Scraper Chain Conveyor system designed for the following conveying capacities for coal/lignite fired boilers.

Jet Pump System : 50 tonnes/hour (dry ash basis) or more per jet pump.



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Submerged Scraper :20 tonnes/hour (dry ash basis) Scraper Chain Conveyor System or more per Conveyor.

The reference Bottom Ash Handling systems should be of the same type i.e. Jet pump system or Submerged Scraper chain conveyor system as is being offered by the Bidder/ its Sub- vendor.

If the bidder/its sub-vendor is not fully meeting requirement of Jet Pump System in conjunction with water impounded bottom ash hopper referred under clause 4.19.1 (a), can also participate provided it has designed, engineered, supplied, erected / supervised erection and commissioned/ supervised commissioning of Jet Pump of capacity 50 tonnes/hour (dry ash basis) or more per jet pump for coal fired boilers. In such case, bidder /its sub-vendor shall engage design agency for vetting/review/carrying out the design and Engineering activity of 'Jet Pump system in conjunction with water impounded bottom ash hopper'. Design agency can be either Wet bottom ash system (Jet Pump System in conjunction with water impounded bottom ash hopper) supplier meeting the qualification of clause 4.19.1 (a) or design consultant having experience of design/review of Jet Pump System in conjunction with water impounded bottom ash hopper which are in successful operation in at least one (1) plant for a period not less than one (1) year. Vetting by reputed institutes like IITs & IISc is also acceptable.

(b) **Pneumatic fly ash handling system for conveying** fly ash from ESPs of a single pulverized coal fired boiler unit by either:

(i) **Pressure conveying** system designed for 30 TPH or more conveying capacity.

OR

(ii) **Vacuum conveying** system designed for 30 TPH or more conveying capacity per vacuum extractor.

The reference fly ash handling systems should be of the same type i.e., pressure system or vacuum system, as is being offered by the Bidder/ its Sub-vendor.

An individual boiler unit having its own independent fly ash handling system up to wetting units/ dry dust collection buffer hoppers/intermediate Silos which includes, among others, independent fly ash handling equipment below ESP hoppers, independent ash conveying piping up to wetting units/ dry dust collection buffer hoppers can be considered as a plant for meeting the requirement above.

And



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- (c) Pneumatic Fly Ash Transportation System for transporting fly ash from pulverized coal fired boiler unit having capacity of not less than 20 TPH for a conveying distance of not less than 500 meters.

Further, a transportation system provided for an individual boiler unit having dedicated transportation vessels below dry dust collection buffer hoppers and dedicated piping from dry dust collection buffer hoppers / intermediate Silos to storage silos, including storage silo equipment (like Vent Fan, Rotary Feeder, Ash Unloader, Ash Conditioner etc.) can be considered as a plant for meeting the requirement above.

- (d) Complete ash slurry disposal system for handling not less than 40 tons of ash per hour for **coal/lignite** fired power stations which includes, among others, ash slurry pumps & piping system with associated controls.

Notes to Clause no. 4.19.1

- (i) An individual boiler unit having its own independent bottom ash handling system of either the jet pump system type or submerged scrapper chain conveyor system type can be considered as a plant for meeting the requirement of 4.19.1 (a) above.
- (ii) The activity of design and engineering under 4.19.1 (a), (b), (c) & (d) should have been carried out by the Bidder/ its Sub-vendor(s).
- (iii) The systems mentioned at 4.19.1 (a), (b), (c) & (d) above, should have been in successful operation in at least one (1) plant for at least one (1) year. For the purpose of qualification, the experience as at 4.19.1 (a), (b), (c) & (d) above in separate plants also is permissible.
- (iv) For reference fly ash handling systems, the design capacity of conveying from ESPs to wetting units/buffer hoppers/intermediate Silos and of transportation from buffer hoppers/ intermediate Silos to storage silos will be the capacity which the client (of the reference plant against which the Bidder / its Sub- vendor is seeking qualification) must have specified in its contract documents.
- (v) De-packaging can be done by engaging separate sub-vendors for the sub-systems of AHP i.e., Bottom Ash system [4.19.1 (a)] can be ordered to vendor A, fly ash system [4.19.1 (b) & (c)] can be ordered to vendor B & Ash slurry disposal system [4.19.1 (d)] can be ordered to Vendor C.

OR

4.19.2 The Bidder/ its Sub- vendor who has executed ash handling systems but *does not meet the* requirements under clause 4.19.1 in part or in full can also participate provided it has executed at least the



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following systems of ash handling plant involving design, engineering, manufacturing/got manufactured, supply, erection/supervised erection and commissioning/ supervised commissioning:

- a) **Bottom ash handling system** comprising either a jet pump system in conjunction with water impounded Bottom Ash Hopper or submerged scrapper chain conveyor system.
- b) **Fly Ash Handling System** for conveying fly ash from ESPs in dry form involving pneumatic conveying systems of vacuum or pressure type.

The systems mentioned at 4.19.2 (a) and 4.19.2 (b) above should have been in successful operation in at least one (1) plant for one (1) year and should have been installed for pulverized coal fired boiler units generating not less than 40 TPH of ash per boiler.

And

collaborates/ associates with party(ies) who meet(s) either the total requirement or the balance part under 4.19.1 (a) ,(b), (c) & (d) above which the Bidder/ its Sub- vendor itself is not able to meet.

In such a case, the Bidder/its sub-vendor shall be required to furnish a 'letter of support' from Collaborator/ Associates for successful performance of the relevant system valid for a period of seven (7) years or up to the end of defect liability period of the contract whichever is later, as per the format enclosed with the bidding documents. The 'letter of support' should be submitted at the time of placement of order on the approved sub-vendor.

Note to Clause no. 4.19.2:

For design and engineering activity referred under paras 4.19.2 should have been carried out by either the Bidder/ its Sub- vendor or through design agency/agencies having experience for reference systems. In case of Collaborator(s)/associate(s) (meeting the balance part of total requirement under clause 4.19.1, the activity of design and engineering for the reference systems should have been carried out by them.

4.19.3 EPC Organization in collaboration with QAHPM

EPC organization in Collaboration with QAHPM (Qualified Ash Handling Plant Manufacturer): (Alternate route for Bidder/ its Sub- vendor who does not meet the requirements under clause 4.19.1 or 4.19.2)

- a. The Bidder/Bidder's sub-vendor should be an Engineering, Procurement and Construction (EPC) organization and should have executed, in the last 10 years, industrial projects on EPC basis (with or without civil works) in the area of Power, Steel, Oil & Gas, Petro-chemical, Fertilizer, Flue Gas Desulphurisation and/or any other process industry with the total value of such projects being INR 4,000 million or more. At least one of such projects should have a contract value of INR 1,600 million or more. These projects shall be in successful operation for a period of not less than one (1) year.



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- b. The Bidder/Bidder's sub-vendor should also have a valid ongoing collaboration and technology transfer/Licensing agreement with a QAHPM meeting requirements of clause 4.19.1 on its own, valid minimum up to the end of the defect liability period of the contract. In such a case, Bidder/Bidder's sub-vendor can either source the AHP System from such manufacturer or manufacture/get manufactured the AHP System as per the design and manufacturing drawings released by such QAHPM.
- c. Bidder shall be required to furnish a letter of support (Refer Annexure- LETTER OF SUPPORT_4.19.3) from Collaborator/ Licensor /Technology provider for successful performance of the AHP system valid up to the end of defect liability period of the contract as per the format enclosed in the bidding document, at the time of placement of order on the approved sub-vendor.

Notes for Clause 4.19.3

- (i) QAHPM (Qualified Ash Handling Plant Manufacturer) means a single manufacture meeting requirement stipulated at 4.19.1 (a), (b) , (c) & (d)
- (ii) Technology Transfer/Licensing agreement

The Technology transfer/Licensing agreement between the Bidder, Bidder's sub- vendor & QAHPM shall necessarily cover transfer/licensing of technological knowhow for AHP system in the form of transfer/licensing of design dossier, design software's, drawings and documentation, quality system manuals and imparting relevant personnel training to the Bidder/Bidder's sub- vendor.

4.19.4 Ash Slurry Disposal Pumps

The ash slurry pumps to be supplied shall be from such manufacturers who have in the past supplied and installed ash slurry pumps for similar duty applications and have at least two (2) nos. pumps of same models that are being offered having capacity not less than 1000 cubic meters per hour at each of the two (2) different stations which are in successful operation for at least one (1) year.

4.20 Coal Handling Plant

4.20.1 The Bidder/ its Sub-vendor should have designed, manufactured/ got manufactured, erected/supervised erection and commissioned/ supervised commissioning at least one (1) number integrated bulk material handling plant (essentially comprising of conveying) including all associated structural steel works and electrical works of 1000 Metric tonnes per hour rated capacity or above for coal or other minerals of equivalent volumetric capacity which should have been in successful operation for at least one (1) year.

4.20.2 The Bidder/ its Sub- vendor should have designed, manufactured/ got manufactured, supplied, erected/supervised erection and commissioned/ supervised commissioning including all associated structural steel works and electrical works at least one (1) number cantilever boom type, slewable and luffable, bucket wheel type traveling Stacker-cum-Reclaimer suitable for stacking and reclaiming at a



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rated capacity of 1000/1000 Metric tonnes per hour (or above) for coal or other mineral of equivalent volumetric capacity which should have been in successful operation for at least one (1) year.

4.20.3 Wagon Tippler

Bidder/ its Sub-vender should have designed, manufactured/ got manufactured, supplied, erected /supervised erection and commissioned / supervised commissioning at least one (1) number of side discharge wagon tippler suitable for tipping Indian Railway Wagons used for transportation of coal or other minerals which should have been in successful operation for at least one (1) year.

4.20.4 Not Used

4.21 Fuel Oil System:

Bidder/ its Sub-vendor should have engineered/ got engineered, supplied, erected, tested and commissioned at least one (1) no. fuel oil handling and storage installations, which should have been in successful operation for minimum one (1) year, consisting of:

- i) Fuel Oil decanting facilities for road tankers/railway wagons.
- ii) Fuel oil Storage tanks of capacity not less than 500 cubic meters each.

The experience as at (i) and (ii) above in separate installations is also permissible.

4.22 Not used

4.23 NOT USED

4.24 NOT USED

4.25 Wet Limestone based Flue Gas Desulphurisation System

Anneuxre A to PQR (Annexure 1 of NIT)

EFFLUENT TREATMENT PLANT:

Bidder/Sub-vendor should have designed, supplied, erected and commissioned at least one (1) number Effluent Treatment Plant (ETP), having a capacity of at least 100 m³/hr comprising of clarifiers/ tube settlers/ thickeners or a combination thereof, which should have been in successful operation for at least one(1) year prior to date of issue of letter of award.