



**TECHNICAL PRE-QUALIFICATION REQUIREMENT
FOR
1x800MW SIPAT STPP
AC & VENTILATION SYSTEM**

PE-PQ-520-553-002-A001

DATE OCT-2025

REV NO 00

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SL. NO.	DESCRIPTION
1	TECHNICAL PRE-QUALIFICATION REQUIREMENT
1.1	Air Conditioning System The Bidder 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 has been in successful operation for at least one (1) year as on 10.07.2024
OR	
1.2	Ventilation System The Bidder should have designed, supplied, erected and commissioned at least one (1) number ventilation system including similar air washer units having individual fan capacity of 80,000 Cum./hr or more, which should have been in successful operation for at least one (1) year as on 10.07.2024.

NOTES:

A	Bidder should necessarily meet pre-qualification requirement for any one of the packages out of AC System or Ventilation System whose pre-qualifying requirement is mentioned at Sl.no 1.1 or 1.2. For the package, for which bidder does not meet the PQ Requirements, bidder shall submit a valid and duly notarised undertaking as per attached format attached as Annexure-B, along with bid, stating that bidder would outsource such package to a supplier who meets the PQ requirements stipulated at Sl. No. 1.1 or 1.2 above. All the PQR related supporting documents shall be provided by bidder in line with "NOTE-C" below for BHEL/ Customer approval. Any other document which is not mentioned under "NOTE C", however required by BHEL/customer during bidder's or its supplier's approval, shall be provided by bidder.
B	Sub-Qualification Requirement (Sub-QR) for Chiller 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) no. of similar type of chiller unit each having a capacity of not less than 150 TR, which should have been in successful operation for at least one (1) year as on 10.07.2024. Bidder has to furnish a confirmation to meet above sub-supplier Qualification Requirement in prescribed format attached as Annexure A in tender specification. However, required documents (as mentioned against in note-C below) for establishing chiller proven-ness shall be furnished by successful bidder after placement of order Notwithstanding anything stated above, BHEL/NTPC reserve the right to assess the capabilities and capacity of the OEM to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL/NTPC.
C	For establishing above mentioned PQR requirement of package(s), the bidder has to submit the following supporting documents: a. For establishing PQ requirements for AC System / Ventilation System, copy of minimum one (1) respective performance certificate in English from end user specifying that the system is running successfully for at least one (1) year as on 10.07.2024 along with copy of related Purchase Order (PO)/ Letter of Intent (LOI)/ Letter of award (LOA) or Work order (WO), in support of PQR clause at Sl. no.1 above. b. Bidder shall submit supporting documents to substantiate technical parameters specified in PQR, if



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the same is not mentioned in performance certificate/purchase order. In order to meet the PQR, the bidder shall provide all necessary data such as type, design, make, capacity, duty conditions, date of commissioning/ operation etc.

- c. Bidder to submit supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.
- d. Consideration of offer shall be subjected to end customer's (NTPC) approval of bidder.
- e. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.

Notwithstanding anything stated above, BHEL/Customer reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in overall interest of BHEL/Customer.

The bidder shall meet PQR based on its own credentials. Bid from joint venture (JV) company / Consortium bid is not acceptable.

D Bidder shall submit the supporting documents as per "NOTE C" for approval of its supplier, to BHEL/Customer within 30 days of placement of LOA. Subsequent to approval of the proposed supplier, the successful bidder will place the order on approved supplier within seven (7) days. Bidder shall submit letter of support from the proposed supplier in the prescribed format attached as Annexure-C after the placement of the order.

The approval of the supplier shall be subject to BHEL/Customer acceptance without any cost & time implication to BHEL/customer.

Annexure B

UNDERTAKING

(Valid and duly notarized on appropriate value stamp paper)

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

1. That undertaking is given in connection with [Tender Number/ 1X800 MW SIPAT Thermal Power Project] for the scope defined as per technical specification of Air Conditioning and Ventilation system Package as part of the bidding process.
2. That bidder understands that the pre-qualification requirement stipulated in “TECHNICAL PRE-QUALIFICATION REQUIREMENT FOR 1X800 MW SIPAT TPS” document no PE-PQ-520-553-002-A001 are being met for Air Conditioning System and/or Ventilation system package.
3. That for remaining package(s) Air conditioning system or Ventilation system package would be outsourced to a supplier who meets the PQ requirements stipulated at Sl. No 1.1 or 1.2 of technical pre-qualification requirement for 1X800 MW SIPAT TPS. [strike off whichever package is not applicable based on bidder’s credential]
4. That successful bidder shall submit the supporting documents for approval of the supplier in line with “note C” of “TECHNICAL PRE-QUALIFICATION REQUIREMENT FOR 1X800 MW SIPAT TPS” document number PE-PQ-520-553-002-A001, to BHEL/Customer within 30 days of placement of LOA. Subsequent to approval of the proposed supplier, the successful bidder will place the order on approved supplier within seven (7) days from the date of approval. Copy of unpriced P.O. to be shared with BHEL. Bidder shall submit letter of support from the proposed supplier in the prescribed format attached as Annexure D
5. That successful bidder shall outsource the package(s) to respective approved supplier. However, Successful bidder shall be solely liable to the BHEL/Customer to perform contractual obligations including the Design, supply, Erection & commissioning, trial run, performance guarantees and handing over of the respective package(s).
6. That bidder shall not change the supplier once package is outsourced to approved supplier till contract closer without written permission of BHEL.

ANNEXURE – C
LETTER OF SUPPORT FOR SATISFACTORY PERFORMANCE OF
(EQUIPMENT/SYSTEM NAME*) FOR
1 X 800 MW SIPAT TPS

TO

BIDDER
ADDRESS

Sub: Letter of Technical Support submitted From (name of the Supplier*) undertaking the responsibility for satisfactory performance of(Name of the system*).

Dear Sirs,

1. In accordance with the Award of the Contract by BHARAT HEAVY ELECTRICALS LIMITED to M/s. (Name of the bidder), we, the aforesaid Supplier, (M/s) shall be fully responsible for the satisfactory performance of the (Name of the system*).
2. Further, the manner of achieving the objective set forth in point 1 above shall be as follows for (Name of the system*):
 - (a) We shall be fully responsible for design, engineering & commissioning and extending all necessary support for putting in to satisfactory operation and carrying out the Guarantee Tests for (Name of the system*) to the satisfaction of the Employer.
 - (b) We shall depute technical experts to Bidder's works/site for supervision during manufacturing, assembly, inspection as and when required by BHARAT HEAVY ELECTRICALS LIMITED/BIDDER. We shall participate in site erection, commissioning and final testing (as and when necessary) of the..... (Name of the system*).
 - (c) We shall participate in Technical Co-ordination meetings (TCMs) from time to time, as and when required by BHARAT HEAVY ELECTRICALS LIMITED/BIDDER.
 - (d) We shall promptly carry out all the corrective measures and shall promptly provide corrected design and shall undertake replacements, rectifications or modifications to the system as and when required by BHARAT HEAVY ELECTRICALS LIMITED/BIDDER in case the system fails to demonstrate successful performance as per contract at site.
3. We, the Supplier do hereby undertake and confirm that this Letter of Technical Support shall be valid for a period of seven (7) years or up to the end of defect liability period of the contract, whichever is later.

Signature of the Authorised Representative:...

For M/s

(Supplier of (Name of the System*))

Name

Designation

Date:.....

Common Seal of the Company

Signature of authorized signatory.....