

**BHEL PEM – MECHANICAL SYSTEMS ENGINEERING
SPECIFIC PRE – QUALIFYING REQUIREMENTS (PQR) FOR SUBMITTING TECHNICAL
OFFER FOR SUPPLY OF PHE's FOR MOUDA STPP STG-II & VINDHYACHAL V PROJECT
AGAINST THE GLOBAL ENQUIRY**

Package: **PLATE HEAT EXCHANGER**

1. The vendor should have designed, manufactured, tested, inspected & supplied the PHE with minimum heat load of 3000×10^3 Kcal/Hr.
2. The Bidders (who are not registered vendors of BHEL-PEM for this package) shall furnish following documents for assessing Bidder's pre-qualification along with the technical offer:

- a. Bidder's Experience List of offered PHE model in the enclosed format- Annexure-1.
- b. Satisfactory Performance feedback certificates from End User (in English) indicating salient features like year of commissioning of equipment, duty parameters (heat load, flow), project name etc., date of issue of certificate and name/designation of the certificate issuer.

OR

The supplier has been awarded repeat contracts (minimum 2 no.) by same Customer for PHE for similar industry application / application after 2 year of commissioning or on regular basis.

- c. Two sets of approved drgs, technical data sheets ,of which the bidder intends to furnish the performance feedbacks, for reference purpose.
 - d. Certificate for sourcing of plates from the Principal/Collaborator supplier.
 - e. Certificate for pressing of the PHE plates in Single/Progressive manner from Plate supplier.
3. In case of bidder is not manufacturer of proven PHE of Capacity specified at S. No. 1 above but has a collaboration/ joint venture or valid licencing agreement for Design, Engineering, Manufacturing, testing and Supply of PHE in India/ abroad with manufacturers who meet the requirements as above are also acceptable. Collaborator/ JV partner or licensor shall furnish the document as specified at S. No. 2 above. In case bidding is thru Collaboration route, Bidder shall furnish the scope division matrix for design, Engineering, procurement, manufacturing, assembly, quality inspection, Supplies, Site performance tests and performance guarantees of PHE.
 4. The bidders, who are already registered with BHEL PEM without any technical limit, need not submit documents listed at point 2 above.

The bidders, who are already registered with BHEL PEM with any technical limit, may submit the documents listed at point 2 above for review of limit alone if the bidder wants reassessment of technical limit.

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5. The End Customer for the Mouda STPP & Vidhyachal V is M/s NTPC. For NTPC projects, apart from stipulations indicated in general PQR , following additional aspects regarding performance feedbacks (with reference to point 2(b) above) to be complied by the bidders :

2x 660 MW Mouda STPP Stg-II

Performance Certificate (alongwith copy of relevant order copy) from the end-user for atleast two successfully executed contracts which are in operation for atleast two years . Out of the Two nos. Satisfactory Performance feedbacks from End User as submitted by Bidder, minimum One (1) no. satisfactory performance feedback certificate shall be for the equipment which has been working satisfactory as on or before 12.02.2010.

1x 500 MW Vindhyachal V

Performance Certificate (alongwith copy of relevant order copy) from the end-user for atleast two successfully executed contracts which are in operation for atleast two years . Out of the Two nos. Satisfactory Performance feedbacks from End User as submitted by Bidder, minimum One (1) no. satisfactory performance feedback certificate shall be for the equipment which has been working satisfactory as on or before 06.09.2011.

EXPERIENCE LIST

ANNEXURE-1

EXPERIENCE LIST

PROJECT NAME	END CUSTOMER	PHE PARAMETERS			HEAT TRANSFER AREA (sq.m.)	PHE MODEL NUMBER	No. OF PHE's SUPPLIED	TYPE OF FLUID	PLATE MATERIAL	YEAR OF SUPPLY	PERFORMANCE FEEDBACK CERTIFICATE ENCLOSED (Y/N)
		FLOW (Cu M/Hr.)	TEMP RISE (Deg. Cel.)	HEAT LOAD							