

**BHEL PEM – MECHANICAL SYSTEMS ENGINEERING  
PRE – QUALIFYING REQUIREMENTS (PQR) FOR  
MISC. PUMPS  
1 X 500 MW FEROZE GANDHI UNCHAHAR THERMAL POWER PROJECT STAGE-IV**

**Package: MISCELLANEOUS PUMPS - HORIZONTAL**

- 1(a). The bidder should have designed, manufactured, tested, inspected & supplied the Horizontal Centrifugal Pumps for water applications with flow equal to or more than 1400 m<sup>3</sup>/hr. on regular basis. The bidder should have testing and inspection facility at their works.
- 1(b). The Pump/Pump Model, to be considered for PQR assessment of Bidder should have been designed & manufactured in line with 'Design & Performance Standards' as 'HIS or equivalent/ superior'.
2. The Bidders (who are not registered vendors of BHEL-PEM for this package) shall furnish following documents along with technical offer for assessment of Bidder with reference to PQR indicated at Sl. No. 1.) above:
- a. Bidder's Experience List for last 9 years in the enclosed format-Annexure-1. Same shall be considered for PQR assessment in line with subsequent sub paras of current point 2) i.e. performance feedback certificate/repeat order contract certificates should not be older than 9 years old as on date of tender enquiry.
- b. In support of point 2.) a.), any one from i) or ii) or iii) below:
- i. Satisfactory Performance feedback certificates from End User (in English) for at least TWO (from different customers) successfully executed contracts which have been successfully in use for at least two years since contract execution, indicating salient features like date of contract execution/commissioning of equipment, duty parameters (pump flow, TDH etc.), pump model, project name etc., date of issue of certificate and name/designation of the certificate issuer.

OR

- ii. The bidder has been awarded repeat contracts for pumps from minimum TWO (from different customers) for same industry/ application. Repeat contract shall be considered when the second contract is given by the same customer after lapse of minimum 2 years from execution of first contract. Supporting documents for execution of the contract viz. dispatch details, MDCC, Inspection report etc .along with the PO Copy, if bidder intends to submit the documents for Repeat Contracts.

OR

- iii. Satisfactory Performance feedback certificates from End User (in English) for at least ONE successfully executed contract which have been successfully in use for at least two years since contract execution, indicating salient features like date of contract execution/commissioning of equipment, duty parameters (pump flow, TDH etc.), pump model, project name etc., date of issue of certificate and name/designation of the certificate issuer.

(AND)

The bidder has been awarded repeat contracts for pumps from minimum ONE Customer (other than the one for which the bidder has furnished the performance feedback above)

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for same industry/ application. Repeat contract shall be considered when the second contract is given by the same customer after lapse of minimum 2 years from execution of first contract. Supporting documents for execution of the contract viz. dispatch details, MDCC, Inspection report etc .along with the PO Copy, if bidder intends to submit the documents for Repeat Contracts.

- c. Two sets of approved GA Drawings & Technical Data Sheets of executed projects in accordance with point 2.) b.) above.
  - d. Pump model details being considered for meeting PQR, in the enclosed format- Annexure-2.
3. The Bidders, who are already registered with BHEL PEM with any technical limit and if the technical limit disqualifies the bidder in meeting the specification requirements, bidder shall submit the documents listed at point 2) above, for review of technical limit alone to make the bidder technically qualified for this tender enquiry.
  4. The Bidders, who are already registered with BHEL PEM without any technical limit, need not submit documents for PQR assessment. Such bidders shall be considered as fulfilling PQR of this tender enquiry.



## PUMP MODEL DETAILS

					ANNEXURE - 2	
PUMP MODEL	BEP		MAXIMUM		MINIMUM	
	FLOW	TDH	FLOW	TDH	FLOW	TDH
	(Cu M/Hr.)	(MWC)	(Cu M/Hr.)	(MWC)	(Cu M/Hr.)	(MWC)

BEP : Best Efficiency Point for Pump Model

TDH : Total Dynamic Head for particular flow condition