



Power Sector – PEM Noida

**Technical Pre - Qualification
Requirements**

(For Open/Global Tender)

**To be read in conjunction with PEM
General PQR**

Project:2X660 MW Ennore SEZ

Package: WORKSHOP EQUIPMENT

**DEPARTMENT: Mechanical Auxiliary
Engineering**

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- 1) Supplier should have designing/manufacturing capability and having testing facility (in house or outsourced), and should be OEM of at least one machine / equipment as mentioned below.

S. No.	Machine Name	Machine Specification
1	Lathe Machine	SOB-575 mm, DBC-1500 mm
2	Shaper Machine	Stroke-600 mm
3	Slotter	Stroke-300 mm
4	Universal Milling Machine	Table Size-1000mm X225mm
5	Radial Drilling Machine	Drilling capacity in mild steel-50 mm and radius of drilling arm-950 mm
6	Hydraulic Plate Shearing Machine	Shearing Capacity 8 mm X 1000 mm in MS
7	Hydraulic Press	60 MT capacity, table size-900 mm X 1000 mm
8	Cylindrical Grinder	SOB-280 mm, DBC-400 mm
9	Vertical Turning and Boring Machine	Max. Turning Dia-1200 mm, Table Dia-1000 mm, Working Height-1000 mm
10	Balancing Machine	Job diameter-1 meter, job weight-2 tonnes
11	Plate Bending Machine	Capacity 25 mm X 1500 mm
12	Hydraulic Puller	Hydraulic Puller -60 T, Max. Outside dia-500 mm, vertical height from floor to ram min. 100 mm and max. 600 mm

- 2) Product/package should have been successfully in use for at least one year in power plant or other industries e.g. refinery/steel/process/commercial etc. For this the supplier has to submit either of following supporting documents meeting above mentioned pre-qualifying requirement.
- I) Copy of minimum two performance certificate from end user along with copy of related Purchase Order specifying that the product is running successfully for 1 year from date of commissioning.
- OR
- II) Minimum three customer's / third party inspection reports along with purchase order copy meeting the minimum pre-qualifying requirement.
- OR
- III) Minimum three purchase orders (placed with minimum gap of 6 months from previous purchase order) from same purchaser meeting the minimum pre-qualifying requirement.

NOTES:-

- a) Vendor shall submit design documents to substantiate technical parameters specified in PQR, if the same is not mentioned in performance certificate/purchase order.
- b) Minimum two (2) nos. Purchase orders shall be submitted which should not be more than ten (10) years old as on date of application for registration/bid submission, for establishing continuity in business. Supplier's Experience List of offered system on the enclosed format Annexure A.



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- c) Vendor may also qualify based on the credential of principal meeting package specific pre-qualifying requirements having technical valid collaboration/licensing agreement.
- d) In case documents submitted for meeting PQR are in language other than English, notarized English translation shall also be submitted.
- e) PEM registered vendors are also required to submit the credentials to meet the PQR.
- f) Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder/collaborators to perform the contract, as per BHEL evaluation procedure, should the circumstances warrant such assessment in the overall interest of BHEL.
- g) Final acceptance of bidder is subject to End Customer's approval.

Experience Detail Format (Annexure A)

Sl.No.	Description of Project	Brief Scope of work	P.O. Ref. No. & Date	Purchase order value (Rs).	Date of completion as per P.O.	Performance Certificate enclosed (Y/N)	Remark