

BHEL PEM – MECHANICAL SYSTEMS ENGINEERING
PRE – QUALIFYING REQUIREMENTS FOR SUBMITTING TECHNICAL OFFER FOR
SUPPLY OF DRIP PUMPS OF YERAMARAS PROJECT AGAINST THE GLOBAL ENQUIRY

Package: **SPECIAL PROCESS VERTICAL PUMP (DRIP PUMPS)**

1. The vendor should have designed, manufactured, tested, inspected & supplied the identical type pump, which it intends to submit technical offer, for at minimum two numbers installations in power plants (preferably), refinery, steel plant, fertilizer or any other process industry during last ten years.
2. The pumps supplied in the two installations must have been in satisfactory operation for two years as on date of submission of technical offer. The vendor shall submit customer (end user) certificates from these installations in respect of satisfactory operation of the product. Two repeat orders from same client for same product will be considered as certificates for satisfactory working of the product. (refer clause no 9 in subsequent paragraph for submission of related documents)

Or

In lieu of above, successful execution of two major order in India for NTPC / EIL / NPCIL / PGCIL / DVC or any other major utility in power sector, in last two years can be considered for qualification. (refer clause no 9 in subsequent paragraph for submission of related documents).

3. The offered pump should have been designed & manufactured in conformance to applicable Indian / International standards.
4. The vendor shall be OEM supplier of the product.
5. The vendor shall have well established quality systems in the company and shall be able to demonstrate the implementation of same.
6. The vendor should have facilities for carrying out following tests (as applicable) as applicable to the product for which it is submitting technical offer.
 - Availability of routine and type test certificate as per applicable standards or testing facilities for same.
 - Hydro/Pneumatic testing.
 - Balancing of rotating parts.
 - Material testing facilities for physical and chemical properties.
 - Dye Penetration and Radiographic testing.
 - Performance testing of equipment at full load or part load in accordance with relevant standards/codes.
 - Any other test as applicable to the product(as per specific requirement).

In case the vendor do not have the above testing facilities, he shall have a permanent tie up for the testing with any Govt. approved lab or Test House or third party inspection of TUV/Llyod.

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7. For items requiring involvement of welding processes, the vendor shall have qualified welders as per requirement.
8. Product specific requirements are separately defined elsewhere in Technical specification and vendor will have to meet these to be considered eligible technically.
9. The Bidders (who are not registered vendors of BHEL-PEM for this package) shall furnish following documents for assessing Bidder's qualification .Bidders who are already approved vendors of BHEL-PEM for this package need not to furnish these details :
 - a. Bidder's Experience List of identical type pump on the enclosed format.
 - b. Bidder's Organization chart with nos of employees segregated on the basis of discipline (Design, manufacturing, quality, services), experience and qualification for the specified product.
 - c. Manufacturing Machinery list at Bidder's Works for the specified product .
 - d. Testing facilities at Bidder's works for the specified product .
 - e. ISO certification.
 - f. Manufacturing area of Bidder's works for the specified product .
 - g. ASME U stamp certificate of bidder's manufacturing facilities (if any)
 - h. Satisfactory Performance feedback certificates from end customer indicating salient features like year of commissioning of equipment , size , duty, project name etc, date of issue of certificate.
 - i. Copies of Un-priced Purchase orders.
 - j. Two sets of approved drgs, technical data sheets of executed projects.
 - k. Installation and commissioning reports of supplies for which repeat orders are obtained from same clients a/w the repeat purchase order copies. The repeat order after the one year commissioning of first order shall be considered relevant.
 - l. Installation and commissioning reports of supplies of two major order in India for NTPC / EIL / NPCIL / PGCIL / DVC or any other major utility in power sector, in last two years
10. If the bidder is not able to meet the prequalifying requirements at its own , then they can furnish the details of their Collaborator (licensor)/ Group Company (if applicable) as per sl. no 9 (a to k) above a/w the copy of license agreement.

EXPERIENCE LIST

PROJECT NAME	CUSTOMER	PUMP PARAMETERS					NO. OF PUMPS	TYPE OF FLUID	PUMP TYPE	YEAR OF SUPPLY	PERF. TEST CONDUCTED (Y/N)	PERFORMANCE FEEDBACK ENCLOSED (Y/N)
		FLOW	TDH	DESIGN TEMP.	SUCTION							
					(Cu M/Hr.)	(MWC)	(Deg. C)	PR.	(Kg/cm ²)			