



**SPECIFIC TECHNICAL PRE – QUALIFYING REQUIREMENTS (PQR)
FOR SUBMITTING TECHNICAL OFFER FOR SUPPLY OF
BALL VALVES FOR 2X500MW NEW NEYVELI TPP (TG)**

The present enquiry intends to procure ball valves in following two categories (Refer detailed technical specification).

- a) **CATEGORY-A:** Cast Carbon steel ball valves of sizes 65NB to 150NB, #150 of BS EN ISO 17292.
 - b) **CATEGORY-B:** Gun Metal ball valves of sizes 15NB to 50NB, #PN 16 of BS EN ISO 17292.
1. The bidder should have designed, manufactured, tested, inspected, and supplied Ball Valves meeting the parameters in totality (Refer detailed technical specification)
 2. Bidders to meet Technical PQR of Ball Valves for highest size & class of valve in both the Categories i.e., Category A & B. The bidders (who are not registered vendors of BHEL-PEM for this package) shall furnish following documents for assessing Bidder's specific technical pre-qualification along with the technical offer:
 - a) Bidder's experience list for this package in the enclosed format as Annexure-1.
 - b) Product/ package should have been successfully in use for at least two years in power plant or having similar applications in other industries. For this the supplier has to submit either of following supporting documents:
 - i) Copy of minimum two performance certificates along with copy of related purchase order from different End-user or Customer specifying that the product is running successfully for 2 years from date of commissioning.
 - ii) Minimum two purchase orders from two different Customer or Purchaser (i.e. 2 Nos of PO from each customer) placed with a minimum gap of 2 years from date of supply of first order and placement of second order. The supplier to submit relevant documents such as MDCC/MRC/LR copy or other supporting documents which confirms the successful execution and delivery of order.
 - iii) One performance certificate as per sl. No. (i) above from one customer and minimum two purchase orders from another Customer or Purchaser as per sl. No. (ii) above (i.e. 2 purchase orders should be placed with a minimum gap of 2 years from date of supply of first order and placement of second order).
 - c) Approved drawings, technical data sheets of which the bidder has furnished (under point no. 2b) the performance feedback/ purchase orders for reference purpose.



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3. The vendor shall have well established quality systems in the company and shall be able to demonstrate the implementation of same. ISO certification in this regard shall be considered for preference.
4. The bidder should have in-house facilities for carrying out all tests as per BHEL QP requirement, which is enclosed with the technical specification. In case the bidder does not have the above testing facilities, the bidder shall have a permanent tie up for the testing with any Govt. approved lab or test house or third party inspection of TUV/Lloyd/BVQI etc
5. Technical PQR shall not be evaluated for PEM registered vendors without any technical limit & PEM registered vendors with technical limit but falling within enquiry technical scope. The bidders, who are already registered with BHEL-PEM (for this package) with technical limit may also quote for items which fall outside their technical limit and for which they are not registered with BHEL-PEM. In this case, vendor to submit the documents mentioned at points 2, 3 & 4 (mentioned above).

