

**TITLE:****SPECIFIC TECHNICAL PRE – QUALIFYING REQUIREMENTS (PQR) FOR SUBMITTING TECHNICAL OFFER FOR SUPPLY OF BUTTERFLY VALVES (WATER SYSTEM) FOR 2X600 MW SCCL.**

The present enquiry intends to procure butterfly valves (Water system) in following two categories (Refer detailed technical specification)

- a) **CATEGORY-A:** Stainless steel butterfly valves (Water system) of size 100 NB and class 150 of AWWA C504-06
- b) **CATEGORY-B:** Cast iron butterfly valves (Water system) with further subgroups of size range & pressure rating as below:

SNO	SIZE	PRESSURE RATING
1.	65NB	PN 16 of BSEN 593
2.	80NB	#150 of AWWA C504
3.	100NB	#150 of AWWA C504
4.	150NB	#150 of AWWA C504
5.	200NB	#150 of AWWA C504
6.		PN 16 of BSEN 593
7.	250NB	#150 of AWWA C504
8.		PN 16 of BSEN 593
9.	300NB	#150 of AWWA C504
10.		PN 16 of BSEN 593
11.	350NB	PN 16 of BSEN 593

1. Specific technical prequalification requirement (PQR) for submitting technical offer for supply of 'CAT-A' i.e. stainless steel butterfly valves. The bidder should have designed, manufactured, tested, inspected, and supplied the 'CAT-A' valve of minimum size of 100NB with minimum #150 of AWWA C504.
2. Specific technical prequalification requirement (PQR) for submitting technical offer for supply of 'CAT-B' (Cast Iron butterfly valves) with each subgroups as described above.
3. The technical assessment for meeting the specific PQR for both category-A and category-B shall be done separately.  
Further the technical assessment for meeting the specific PQR for each sub-group of category-B shall be done separately.
4. Technically eligible bidders for CAT-A & CAT-B shall be as follows:
  - a. CAT-A: The bidder who meets the PQR of CAT-A butterfly valves (Water system) as specified above.
  - b. CAT-B: The bidder who meets the PQR of particular subgroup of CAT-B shall be eligible only for that subgroup.

It may also be noted that bidder qualifying PQR for higher sizes and particular pressure rating for butterfly valves covered under sub-groups of CAT-B, then bidder automatically meets PQR for lower sizes with corresponding pressure rating. The bidder need not submit credentials for the lower size of butterfly valves for CAT-B.



**TITLE:**

**SPECIFIC TECHNICAL PRE – QUALIFYING REQUIREMENTS (PQR) FOR SUBMITTING TECHNICAL OFFER FOR SUPPLY OF BUTTERFLY VALVES (WATER SYSTEM) FOR 2X600 MW SCCL.**

5. The bidders (who are not registered vendors of BHEL-PEM for this package) shall furnish following documents for assessing Bidder's prequalification for Cat-A & CAT-B along with the technical offer:

- a. Bidder's experience list for this package in the enclosed format as Annexure-1
- b. Satisfactory performance certificate (in English) (along with relevant order copy) from the end-user for at-least two successfully executed contracts which are in operation for at-least two years for each category of butterfly valves

Or

The supplier has been awarded repeat contracts by two different customers for each category of butterfly valves for similar industry/application after two years of supply on regular basis. 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.

- c. Approved drawings, technical data sheets of which the bidder intends to furnish the performance feedback/ repeat order for reference purpose.
6. 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.
7. 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, he 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
8. The bidders who are already registered with BHEL-PEM without any technical limit need not submit documents listed at point 5 above.  
The bidders, who are already registered with BHEL-PEM with any technical limit may submit the documents listed at point 5 above for review of limit alone.

## FORMAT FOR EXPERIENCE LIST OF VALVES

## ANNEXURE-1

[illegible]

**NOTE:** PERFORMANCE CERTIFICATE SHOULD INCLUDE ALL THE DETAILS i.e. VALVE TYPE, SIZE, MATERIAL,RATING OR PURCHASE ORDER REFERENCE ALONG WITH YEAR OF COMMISSIONING.