

**BHEL PEM – MECHANICAL SYSTEMS ENGINEERING (MSE)
PRE – QUALIFYING REQUIREMENTS (PQR) FOR BOIs.**

**Requirements Applicable For Auxiliary PRDS Package for
RRVUNL-2x660 MW Suratgarh, Stage-5, Unit-7 & 8. (R0)**

1. The offered equipment should have been designed & manufactured in conformance to applicable Indian/ International standards.
2. The Bidders (who are not registered vendors of BHEL-PEM for this package) should
 - (i) Own design/ engineering establishment & testing facilities with experienced personnel in the field and well established quality systems to control & monitor the quality of manufactured and outsourced equipment as well as for project management and execution facilities.
 - (ii)
 - a. Furnish minimum two (02) nos. of feedback certificates (in English) from two different end users (indicating salient features like year of commissioning, duty parameters (Flow, Size), project name etc., date of issue of certificate and name/ designation of the certificate issuer), working satisfactorily at a Thermal Power plant of unit rating 500 MW or above for last two years.

OR

- b. Furnish minimum one (01) nos. of feedback certificate (in English) from end user (indicating salient features like year of commissioning, duty parameters (Flow, Size), project name etc., date of issue of certificate and name/ designation of the certificate issuer), working satisfactorily at a Thermal Power plant of unit rating 500 MW or above for last two years.

AND

The supplier has been awarded repeat contracts for Aux PRDS from minimum one Customer (other than the one for which the bidder has furnished the performance feedback above) for Thermal Power plant

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of unit rating 500 MW or above. 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.

- (iii) Have supplied minimum 6", #2500 class with "Super Critical Steam Parameters" of Combined Type Pressure Reducing & Desuperheating Valve (PRDS) (also known as 'Steam Conditioning Valve') exclusively for Aux PRDS Package. PO/LOI in support for the same need to be furnished.
- (iv) Furnish the experience list specifically for each item/arrangement for Aux. PRDS, supplied only for Power Plants,

In the experience list for Aux. PRDS, vendor to clearly furnish the arrangement offered, year of supply, MW rating of the power plant, Valve sizes, desuperheater sizes, operating Temp./Pressure. A sample format of experience list is enclosed along with.

- 3. The bidders, who are already registered with BHEL-PEM without any Technical limit, need not submit documents listed at point no. 2 above.

EXPERIENCE LIST

EQUIPMENT : Aux. PRDS				Vendor:								
Sl. No.	Project	customer	MW rating of project	Valves / desuperheater supplied	Valve Size	Inlet parameter Pr./Temp.	Outlet parameter Pr./Temp.	Body material	pressure class	Pressure drop	Year of Supply	Manufactured By
1				HC PRDS (Steam Conditioning Valve)								
				LC PRV								
				LT Desuperheater								
				Sparry to HT Deseh								
				Spray to LT Deseh								
2				HC PRDS (Steam Conditioning Valve)								
				LC PRV								
				LT Desuperheater								
				Sparry to HT Deseh								
				Spray to LT Deseh								