

**BHEL PEM – MECHANICAL SYSTEMS ENGINEERING
TECHNICAL PRE – QUALIFYING REQUIREMENTS (PQR) FOR SUBMITTING
TECHNICAL OFFER FOR SUPPLY OF AUXILIARY PRDS PACKAGE FOR
NTPC-3x660 MW NORTH KARANPURA STPP AGAINST THE GLOBAL ENQUIRY**

Package : AUXILIARY PRDS

1. The bidder should have designed, manufactured, tested, inspected & supplied the Auxiliary PRDS package for a Thermal Power plant of unit rating 500 MW or above.
2. Bidder should be an engineering organization/ manufacturer for the selected package dealing with this package on regular basis. The bidder should have testing and inspection facility at their works.
3. The Bidder (who is not a registered vendor of BHEL-PEM for this package) shall furnish following documents, exclusively for Aux. PRDS application in Thermal Power Plant of unit rating 500 MW or above only, for assessing Bidder's pre-qualification as indicated at Sl. No. 1 above along with technical offer:
 - a. Bidder's Experience list specifically for each item/arrangement for Aux. PRDS, for last 9 years in enclosed format (Annexure-1). Same shall be considered for PQR assessment in line with subsequent sub paras of point 3, i.e. performance feedback certificates/repeat order contract certificates should not be more than 9 years old as on date of tender enquiry. In the experience list, vendor to clearly furnish the arrangement offered, year of supply, MW rating of the power plant, Valve sizes, desuperheater sizes, operating Temp./Pressure etc.
 - b. In support of point 3-a), any one from i) or ii) or iii) below:
 - i) Furnish minimum two (02) nos. of feedback certificates (in English) for Combined Type Pressure Reducing & Desuperheating Valve (PRDS) (also known as 'Steam Conditioning Valve') for Aux. PRDS application, from two different end-users / customers (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 for atleast two years.

OR

- ii) Furnish one (01) no. of feedback certificate (in English) for Combined Type Pressure Reducing & Desuperheating Valve (PRDS) (also known as 'Steam Conditioning Valve') for Aux. PRDS application, from end-user / customer (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 for atleast two years.

AND

The supplier has been awarded repeat contracts for Combined Type Pressure Reducing & Desuperheating Valve (PRDS) (also known as 'Steam Conditioning Valve') for Aux. PRDS application, from minimum one end-user / customer (other than the one for which the bidder has furnished the performance feedback

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above). Supporting documents for execution of the Contract like dispatch details, MDCC, Inspection report etc. along with the PO Copy, if bidder intends to submit the documents for Repeat Contracts.

OR

- iii) The supplier has been awarded two repeat contracts for Combined Type Pressure Reducing & Desuperheating Valve (PRDS) (also known as ‘Steam Conditioning Valve’), from two different end-users / customers. 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. Supporting documents for execution of the Contract like dispatch details, MDCC, Inspection report etc. along with the PO Copy requested to be furnished, if bidder intends to submit the documents for Repeat Contracts.
 - c. Copy of approved drgs, technical data sheets & Purchase order of which the bidder intends to furnish the performance feedbacks / repeat contracts for reference purpose only.
4. The Bidder who is registered with BHEL PEM, with any technical limit, shall submit the documents listed at point 3) above, for review of technical limit alone for PQR assessment for this tender enquiry.
 5. The Bidder who is already registered with BHEL PEM, without any technical limit, need not submit documents listed at point no.1, 2, 3 above.
 6. If documents submitted by supplier are in language other than English, a self-attested English translated document should be attached.

EXPERIENCE LIST													Annexure-I
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 Desh									
				Spray to LT Desh									
2				HC PRDS (Steam Conditioning Valve)									
				LC PRV									
				LT Desuperheater									
				Sparry to HT Desh									
				Spray to LT Desh									
3				HC PRDS (Steam Conditioning Valve)									
				LC PRV									
				LT Desuperheater									
				Sparry to HT Desh									
				Spray to LT Desh									
4				HC PRDS (Steam Conditioning Valve)									
				LC PRV									
				LT Desuperheater									
				Sparry to HT Desh									
				Spray to LT Desh									
5				HC PRDS (Steam Conditioning Valve)									
				LC PRV									
				LT Desuperheater									
				Sparry to HT Desh									
				Spray to LT Desh									