



**PRE - QUALIFYING
REQUIREMENTS
(TECHNICAL)**

DOCUMENT NO: PE-TS-422-142-N101

REVISION NO: 01 DATE: 02.08.17

SHEET: 1 of 1

ENQUIRY NO:

PROJECT: 1x525MW TUTICORN TPS, STAGE-IV (UNIT-1), THOOTHUKUDI, TAMIL NADU

PACKAGE: AUXILIARY PRDS (Auxiliary Steam Pressure Reducing & Desuperheating Station)

1. The bidder should have designed, manufactured, tested, inspected & supplied the Steam Conditioning Valve and associated spray control valve (for applications like Auxiliary PRDS, Turbine bypass, etc.), for a Thermal Power plant, which have been successfully in use for at least 1 year in thermal power plant (as per (a) or (b) below) and is in business on continuous basis:

(a) ~~If the bid/application is for Auxiliary PRDS package with Supercritical parameters then the Steam Conditioning Valve of minimum inlet steam capacity of 100 Tonnes/Hour and minimum pressure class rating of 2500 or above, supplied for a Thermal Power plant of unit rating 500 MW or above shall only be considered.~~

(b) If the bid/application is for Auxiliary PRDS package with Subcritical parameters then the Steam Conditioning Valve of minimum inlet steam capacity of 50 Tonnes/Hour and minimum pressure class rating of 1500 or above, supplied for a Thermal Power plant of unit rating 150 MW or above shall only be considered.

Bidder to comply to general points of PQR available at <http://bhhelpem.com/vensection/PMD/PMD.aspx> in case bidder is not OEM, the offer shall be evaluated as per point no 1 of general points of PQR.

2. The Bidder shall furnish following support documents for assessment of Bidder w.r.t. PQR as indicated at SI. No. 1 above:

A. Bidder's Experience list of Steam Conditioning Valve for last 5 years for assessment of bidder for supplying the Auxiliary PRDS on regular basis in enclosed format- Annexure-1.
Bidder shall furnish the PO copy/approved documents/ Dispatch details of at least one executed Contracts as indicated in the experience list.

B. Bidder shall furnish any one from below in support of successful performance of Steam Conditioning Valve (as per point 1 above) for one year:

- i. Satisfactory Performance feedback certificates from End Customer (Owner) (in English) for at least one successfully executed contract which has been successfully in use for atleast One year 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).

OR

- ii. The bidder has been awarded One repeat contract from End Customer (Owner) / Purchaser (in English) for power plant. Repeat contract shall be considered when the second contract is given by the same purchaser after lapse of minimum 1 year from execution of first contract. Supporting documents for execution of the Contract like dispatch details, MDCC, Inspection report etc. along with the PO Copy to be furnished, if bidder intends to submit the documents for Repeat Contracts.

OR

- iii. In case, Bidder has executed contract(s) for BHEL-PEM, internal assessment by BHEL-PEM shall be followed for evaluation for satisfactory performance. For this, bidder to submit the request along-with relevant documents.

Note:- Purchase order copy, approved drgs./technical data sheets etc. are to be submitted along with the bid, for which the bidder intends to furnish the performance feedbacks / repeat contracts, for reference purpose only.

Makeep Singh
02/08/17

02/08/17

Ashwani Chandra
2-8-17

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								
				Spar to HT Desh								
				Spray to LT Desh								
2				HC PRDS (Steam Conditioning Valve)								
				LC PRV								
				LT Desuperheater								
				Spar to HT Desh								
				Spray to LT Desh								