

Item description: Calibrated Flow Nozzle Assembly					
Material Code: W90313181101					
Checklist for pre requisites for technical scrutiny of offer					
Sl.No.	Document details	(To be filled by vendor alongwith offer)			To be filled by PPX
		Enclosed by Vendor (Yes/No)	Vendor's document no. (if applicable) & Date	Vendor's Remarks / Confirmation*	Purchase file Page No.
(a) Documents applicable for technical scrutiny of PQR (PQR No. STE/TC/BI051/009(Rev 01) dated 18/07/2025)					
I. Documents required as per Point No. 1 of the PQR					
1	Experience list of supply of ASME PTC 6 flow nozzle				
2	Copies of Un-priced purchase orders (PO) for qualifying flow nozzles				
3	Detailed cross-section and assembly drawings of flow nozzle for any one unit of submitted PO (as per Sl. No- 1(b)).				
4	A copy of the design calculation for nozzle indicating clearly the calculation formula and the various correction factors like density correction, scale expansion etc., the bidder has applied in the calculations for any one unit for which assembly and cross-section drawing are furnished (as per Sl. No.-1(c)).				
5	Details of engineering, manufacturing, testing, calibration facilities.				
6	Wet calibration certificate of the same flow nozzle for which design documentation is furnished.				
7	End user certificate, indicating the date of commissioning of the plant and successful use of flow nozzle assembly during performance testing of the thermal set of any one supply (as per Sl. No- 1(b)).				
II. Documents required as per Point No. 2 of the PQR					
8	The accreditation details of Laboratory in which wet calibration of ASME PTC 6 flow nozzle was performed for nozzles in clause 1. Further bidder to inform name and accreditation details of laboratory proposed for calibration if different from earlier laboratory.				
9	Wet calibration test certificate of flow nozzle as per ASME PTC-6-2004. It should at least include copies of calibration for each tap set (including tap sets for which calibration may have not met ASME PTC-6-2004 criteria) indicating nozzle/ pipe diameter and calibration conditions, including calibration curves, calibration data and calibration results.				
(b). Documents required at the time of receipt of offer (enquiry stage) (As per BHEL specification ST45009 Rev01)					
1	Flow nozzle assembly drawing with BOM				
2	Flow Nozzle detailed cross sectional drawing				
3	Flow Nozzle Calculations at all loads				
4	Vendor to confirm that wet calibration of flow nozzle assembly shall be carried out at FCRI Palakkad				
5	Vendor to comply painting scheme as per BHEL Requirement				
6	Vendor to confirm that all the standards and documents mentioned in technical specification, drawings and enquiry will be followed in totality.				
(c). Documents required post final order placement					
1	Flow Nozzle Assembly drawing with BOM(As Build up)				
2	Flow Nozzle Cross Sectional drawing (As Build up)				
3	Flow Nozzle final Calculations at all loads				
4	Wet calibration test certificate of flow nozzle as per ASME PTC-6-2004. It should at least include copies of calibration for each tap set (including tap sets for which calibration may have not met ASME PTC-6-2004 criteria) indicating nozzle/ pipe diameter and calibration conditions, including calibration curves, calibration data and calibration results.				

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				Vendor to fill the following	
				Sign & Date:	
				Name:	
				Designation:	