

Mandatory Pre-Qualification requirements for Vapour Exhauster**Description**

The Vapour Exhauster is required to handle mixture of turbine oil vapours, air & H₂ and for creating partial vacuum in generator bearing chamber & oil tanks of Tubogenerators. Vapour exhauster shall comprise of Centrifugal fan, Squirrel cage induction motor, base frame for mounting and motor terminal box.

Mandatory requirement for Pre-Qualification**1.0 Experience Requirement -**

The Vendor should be a regular manufacturer of such Vapour exhauster & should source motor set from regular manufacturer. Vendor should have supplied at least Three (3) nos. of vapour exhauster with motor in last Ten (10) years (from the date of issuance of enquiry) with following technical details –

Si No.	Parameter	Value
(i)	Exhauster & Motor Type	Centrifugal fan with squirrel cage 3 phase induction motor
(ii)	Flow medium	Mixture of Oil, Gases and Air.
(iii)	Material	Carbon Steel or Stainless steel
(iv)	Discharge Pressure	96 mmWC & above
(v)	Discharge Capacity	350 M3/Hr & above
(vi)	Motor Rating	0.75 KW & above
(vii)	Rated Speed	2820 RPM (approx)
(viii)	Rated Voltage	415V AC

In support of above, vendor to furnish information, as per the following format for previous supplied Vapour exhauster meeting the above technical requirement for the past Ten (10) years from the date of issuance of enquiry.

Si. No.	Purchase order reference no.	Purchase order issue date	QTY.	Motor KW rating	Discharge Pressure (mmWC)	Discharge Capacity (M3/Hr)

Vendor to submit the following documents as an evidence of acceptance of supplied Vapour exhauster, for the above mentioned successfully executed order -

- Vendor to furnish copy of Un-Priced Purchase Orders executed for supply of at least Three (3) nos. of vapour exhauster with motor in last Ten (10) years (from the date of issuance of enquiry).
- Vendor to furnish the test certificate for Exhauster fan & motor set as per relevant standard for any one of the PO submitted. The submitted test certificates should have co-relation with PO.
- Vendor to furnish supporting document for the evidence of final acceptance from End customer/Third Party of supplied vapour exhauster with motor for any one of the submitted PO's. Acceptance certificate should contain information like item details, Quantity accepted and should also have correlation with PO reference no.

2.0 Vendor shall submit the proof of manufacturer i.e. Factory license, NSIC certificate

Note - BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.

31/07/23

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31.7.23
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