

Revised Mandatory Pre Qualification requirements for

Vertical seal oil pump

(Tech Spec-TG60730 & TG60615)

- 1.0** Screw type of seal oil pumps are used to supply turbine oil of Grade ISO VG 46 to sealing system of turbo-generators. The pump should be of three spindle screw pumps duly coupled with motor, coupling guard and safety relief valves.
- 2.0** The vendor should be a regular manufacturer of such pump & should source motor set from regular manufacturer with minimum following requirements -

Si No.	Parameter	Value
(i)	Type of Pump	Vertical pedestal mounted triple screws self-priming positive displacement pump
(ii)	Rated Discharge	200 LPM & above
(iii)	Rated Head	12 kg/cm ² & above
(iv)	Motor	2900 rpm/ 1450 rpm , 415V 3φ AC Squirrel cage type/220V DC shunt wound self-excited motor

- 3.0** In support of above, vendor shall furnish technical details in below mentioned format for at least five (5) nos. of pumps & motor set for the P.O executed in past **3 years along with P.O copies** meeting requirements as per point no.1 & 2.

S. No.	Brief technical details	Application	Name & address of customer	Year of supply
	-Rated Discharge -Rated Head -Rated Speed	For Oil application only		

- 4.0** **Vendor should furnish test certificates of Pump as per VDMA 24284 Group-II Class-II or equivalent & motor as per IS: 325 for supplied seal oil pump & motor for one of the PO executed in past 3 years.**
- 5.0** Vendor should confirm to supply the pump with AC or DC motor as per the technical requirements stipulated in tender.
- 6.0** 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.
- 7.0** Vendors to confirm specific compliance of above requirement else offers will not be considered.