

# Annexure - C to tender BAP/CAP/2013-14/OT-18

## SPECIFICATION FOR VACUUM PUMP Rev01 / 21-09-2013

THE VACUUM PUMP SHOULD CONFIRM TO THE FOLLOWING SPECIFICATIONS:

QTY: 10 NOS

TYPE	Vacuum pump should be either diaphragm type or oil cooled rotary vane type..
Application	The vacuum pump is used for iso-kinetic sampling during dust emission measurements in ESPs / Bag filters at power plants and other industrial applications using USEPA method 5 & 17.
Minimum flow rate required	100 lt/mt.,
POWER SUPPLY	1 PHASE, 230V, 50HZ,
Ambient temperature	6 - 50 Deg C
Relative humidity	95% at 45 Deg C.
Vacuum requirement	Normal working vacuum is around 3 to 30 and vacuum under blocked conditions should be around 95 to 100 kpa.
Environment	The testing location atmosphere will be dusty.
Rating	Continuous. During testing volume of gas sucked will be varied frequently using control valves in the existing
Accessories required	Hose connection, connectors, electrical connecting cord
OTHER ITEMS IF ANY	PLEASE SPECIFY & RATE OF THE SAME SEPARATELY
Spares and other consumable required	Set of gaskets, filters, vane, other spares as applicable with quantity and separate rate to be offered. Minimum quantity of oil to be supplied along with main supply.
	THE PUMPS SHOULD BE HOUSED IN A SUITABLE CARRYING CASE/SUITCASE

*[Handwritten signature]*