

Pump Specification

Ref:

As discussed in SRC Meeting of WEX and Field maintenance group regarding procurement of 20 No Submersible pump for drainage of dirty water with coolant and contamination from machine basement tank, Specification has been finalised in consultation with maintenance group. As WEX-PLG is procuring such type of pump first time, hence all block maintenance are requested to review the below specification of Pump as discussed in the meeting and finalise the same for further process. If any changes are required, same may be brought in notice. Item will be procured through Minor Capital budget.

Pump Specification

S No	Description	Requirement	Remarks	Vendor confirmation	Deviation if any
1	Make and Model	Vendor to Mentioned	To be specify by vendor		
	Purpose	Pump for drainage of dirty water with coolant and contamination from Machine basement Tanks	To be confirmed by vendor		
2	Type	Submersible dewatering pump with auto float switch	To be confirmed by vendor		
3	Flow Rate (Min)	100 liter per minute @ 5 Mtr Head	To be specify by vendor		
4	Head (Min)	8 meter	To be specify by vendor		
5	Rating (Kw/HP)	Vendor to Mentioned	To be specify by vendor		
6	Connection	single phase, 50 Hz, 220 Volt	To be confirmed by vendor		
7	Protection	IP 68 or X8 protection	To be confirmed/specified by vendor		
9	Class	B or better	To be confirmed by vendor		
10	Cable Length (Min)	5 meters	To be confirmed/specified by vendor		
11	Impeller Material	SS	To be confirmed/specified by vendor		
12	Body Material	SS/CI	To be confirmed/specified by vendor		
13	Shaft Material	SS	To be confirmed/specified by vendor		
14	Maximum depth of Submergence	3 Mtr or more	To be confirmed/specified by vendor		
15	Warranty (Minm)	1 year from date of supply.	To be confirmed/specified by vendor		
16	PDI	Inspection will be done at BHEL, Bhopal for acceptance of items	To be confirmed by vendor		
17	Quality Assurance Plan	Vendor to submit Test report from OEM for Pump clearly indicating Flow Rate and head along with supply.	To be confirmed by vendor		
18	Pre qualification Criteria				
	A)	Only OEM or their Authorized Dealer can participate in the enquiry. Dealer has to submit valid authorization certificate of OEM along with technical bid.	To be confirmed by vendor and dealer to submit authorization certificate		
	B)	Vendor has to submit 1 No of PO copy along with documentary evidence for delivery of item at customer end of previous supply Submersible dewatering pump either by OEM or by vendor in last 5 years.	To be confirmed and to be submitted PO Copy and Documentary evidence for supply of item at customer end.		