

MPR No.: 20150534**Pre-Qualification Criteria**

The party shall have the experience for supply of minimum 20 Nos. similar rating desert coolers to a Govt. / PSU/ Private Organization during last 5 years and provide the supporting documents of the same. (The PO/work order date must not be older than 05 years prior to the date of opening of tender).

Note: The BHEL reserves the right to verify the submitted certificate from issuing authority at any stage of tender.

Ashish
06/11/15

Ashish Maithani
Sr.Engineer (WEX-AC)

MPR No.: 20150534

SPECIFICATION OF DESERT COOLER: WEX/6160/001/REV.00

Mat. Code No.: HW8879400002

1. **SIZE:** L X B x H = 660 x 660 x 825 mm³. (26" x 26" x 32.5") Approx.
2. **Body:** Construction as follows:-
 - a. **Top cover and pillars of 20 SWG (0.9 mm) GI Sheets.**
 - b. **Side Panels of 22 SWG (0.7 mm) GI Sheets.**
 - c. **Tank Height 7" Made Of 20 SWG (0.9 mm) GI Sheets.**
 - d. **Front Grill and directional grills of plastic or GI Sheets.**
3. **Fan motor:** 500mm sweep cooler fan, Three speed (high/medium/low) with metallic blade duly painted with synthetic anti corrosive oven cured paint fitted to body, Fan of Bajaj/Khaitan/Crompton/GEC Make only will be accepted . Input capacity 200 watt(approx.), 1400 rpm, 230 volt, 50 HZ, Air Delivery 4500 M³/Hr.
4. **Pump Motor:** Input capacity 40 watt (approx.), speed 1300 rpm, 230 volt, 50 Hz. Bajaj/Khaitan /Crompton/GEC make only will be accepted.
5. **Switches:** one piano switch and one speed selector switch (4 positions) for control of pump and fan respectively will be provided on the body.
6. **Pads:** Wood wool pad of proper thickness will be provided in each panel.
7. **Drain plug:** Brass drain plug shall be fitted on the cooler body.
8. **Cord:** 40/0.25 mm (1.5 mm sq.), 3 core flexible cord PVC sheathed and insulated (as per IS 694/1977), 05 mtr. long with three pin 15 amp. and ISI marked Bakelite plug top shall be provided for power supply to cooler.
9. **Guarantee/ Warrantee Certificate:** GC/WC against any manufacturing defect in respect of fan motor and pump motor assemblies shall be of 01 year from the date of dispatch of material.
10. Cooler shall be delivered in central plant store of BHEL, Haridwar duly assembled and complete in all respect and in working condition.

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