

PRE-QUALIFICATION CRITERIA FOR MOUNTING OF SUPER CHARGER TO DRG

NO.SB 3338-00-16

1. Firm shall have core competence in Reverse Engineering/Design CAD and manufacturing CAM of radial / Axial impeller.
2. Firm should have Aluminum casting / forging facility or tie-up with Aluminum casting /forging manufacture and for fasteners.
3. Firm should have 5 Axis machining center for impeller machining.
4. Firm should have gear manufacturing facility.
5. Firm should have lathe, gear grinding machine.
6. Firm should have heat treatment facility or tie up for heat treatment.
7. Firm should have testing facility.
8. The firm shall have its own quality, metrology facilities with CMM machines, so that the axial radial impellers could be closely control during the metal cutting process or tie-up with firms in India which has such facility.
9. The firm shall have adequate facilities to take up dynamic balancing of rotating impellers with the shaft at 27,000 RPM or tie-up with firms in India which has such facility.
10. The firm will submit list of its past products and details of customers, application of its supplied products, machineries at the time of bidding.
11. The firm shall have its own test rig or tie-up with other firms in India which having the test rig to test the Mounting of Super charger.
12. The firm should submit the list of available plant & machineries and copy of tie-up arrangements being used.

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