

**PRE-QUALIFICATION CRITERIA Cam Shaft Thrust Bearing,**

**To drg.no sb306-03-3**

- (1) The firm should have forging facility to manufacture similar type of Aluminum forging (i.e. cam shaft thrust bearing forging to drg.no.306-37-3/38-1) (or) should have tie-up with good forging manufacturer. The firm should produce the past records for supply of similar components.
- (2) The should have power hack saw (or) band saw machine to carry out the cutting operation.
- (3) The firm should have CNC vertical (or) horizontal centers for carrying out various milling, drilling, boring operation etc of cam shaft thrust bearing base, cap & assembly machining operations.
- (4) The firm should have facility to manufacture the embodiment items like studs, nut, pin etc (or) should have tie up with machining sources.
- (5) The firm should have inspection facility including surface tables, vernier caliper, micro meter, bore dial gauges, height master, surface finish tester etc. to check the geometrical parameters, surface finish etc as per drawing.
- (6) The firm should have inspection facility to check the critical forging parameters like physical properties & chemical composition, porosity & crack detection etc. (or) should have tie-up with reputed NABL laboratories to check the above parameters.
- (7) The firm should have suitable standby power backup system.
- (8) The firm should have adequate technical knowledge/skill of staffs/workmen to carryout the machining of subject components.

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