

**PRE-QUALIFICATION CRITERIA for Exhaust camshaft (opn -40)**

**To Drg.No.20-07-15A**

1. The firm should have steel forging manufacturing facility for manufacturing similar type of steel forging.
2. The firm should have die making facility for manufacturing subject forging (or) tie-up with good die making firms.
3. The firm should have suitable capacity press to carry out the forging operation.
4. The firm should have testing facility to check cracks, porosity, hardness and other mechanical & chemical properties etc (or) should have tie-up with good testing laboratories.
5. The firm should have suitable power back up system.
6. The firm should have adequate technical knowledge / skill of staffs/ workmen to carry out the casting process of subject component.
7. The firm should have suitable heat treatment facility to carry out the Heat treatment process as specified in the drawing (or) should have tie-up with good heat treatment firms.
8. The firm should have facing & centering machine (or) CNC (or) conventional turning centers to carry out facing & centering & end turning operation.
9. The firm should have inspection facility to check the geometrical parameters after end turning operation (like vernier, micro meter etc.)

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