

**PRE-QUALIFICATION CRITERIA for Elbow cyl.Head LH**  
**To Drg.No.406-35-18**

1. The firm should have facility to manufacturing the similar type of Aluminium casting (i.e.outlet elbow(RH) to drg.no.406-35-18 (or) should have tie-up with good casting manufacturer. The firm should produce the past records for supply of similar components.
2. The firm should have CNC vertical (or) horizontal machining centers for carrying out various milling,drilling, boring operation etc of fuel pump drive body machining operations.
3. The firm should have CNC turning centers to carry out the various turning & boring operation as specified in the drawing.
4. The firm should have inspection equipment viz 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.
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 forging process of subject component.
7. The firm should have inspection facility to check the critical casting parameters like physical properties & chemical composition, porosity & crack detection etc (or) should have tie-up with reputed NABL laboratories to check the above parameters.

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