

## **PRE-QUALIFICATION CRITERIA FOR CYLINDER HEAD COVER RH TO**

### **DRG NO.SB 306-08-8**

1. Firm should have aluminum melting furnace and low pressure die casting facility with adequate capacity core making heat treatment surface cleaning / abrasive blasting fettling backelizing degassing (MDU).
2. Firm should have testing facilities like spectroscope ultrasonic testing microscope for structural analysis macro analysis and wet gravity analysis.

**(OR)**

3. Firm should have written MOU with an Indian firm having the above facilities (point no 1&2) to manufacture and supply the casting same will be verified during capacity verification
4. Firm should have expertise in designing complex fixture, special tools and gauges in house /tie up for designing and manufacturing of the above.
5. Firm should have sufficient space and facilities for deburring and checking the components.
6. firm should have HMC/VMC with axes strokes to accommodate component size 1400x300x150 mm (LxWxH) and weight 15 kg.
7. Firm should have component washing facility like jet washing facilities should be available / created
8. Firm should have skilled fitter to carry-out the critical operations.

### **QC RITERIA**

1. Firm should have instrument /gauges and suitable surface surface table to check the critical parameters of the component.
2. Firm should have skilled manpower to handle the sophisticated measuring instruments / gauges.
3. Firm should have crack detection equipment (spectro meter /ultra sonic flaw detection unit etc).
4. Firm should ensure the supply of item as per drawing dimension and technological requirements.
5. Firm should send the component inspection data for each component.

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