PRE-QUALIFICATION CRITERIA FOR CYLINDER HEAD COVER RH & LH TO DRG NO, 306-08-13 & SB 306-09-13

- 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 1400x 300x150 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 CRITERIA

- 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.