## <u>Pre-qualification criteria for CYL JACKET to Drg No.SB SB 303-03-11</u> ESSENTIAL P&M:

## **ESSENTIAL P&M**

- a) Firm should have following facilities for making aluminium casting:
- I. Aluminium melting furnace with adequate capacity, core making, heat treatment, surface cleaning/abrasive blasting, fettling, backelizing, degassing (MDU).
- II. Testing facilities like spectroscope, ultrasonic testing, macro analysis and wet and gravity chemical analysis.

OR

- III. Firm should have a written MOU with an Indian firm having the above facilities to manufacture and supply the casting same will be verified during capacity verification.
- b) HMC/VMC with axes strokes to accommodate components size 1200 X 300 X 250 mm (L X W X H) and weight 45kg.
- c) Firm should have capable to design and develop the pressure testing fixture required to carry out the pressure testing operation.
- d) Component washing facility like jet washing.
- e) Adequate material handling facilities like EOT cranes, forklifts etc.

## **INSTRUMENTS & GAUGES**

- 1. CMM to check the cylinder jacket.
- 2. Instruments / gauges to check the critical parameters of the component.
- 3. Skilled manpower to handle the sophisticated measuring instruments / gauges.