Pre-qualification criteria for CYLINDER JACKET to Drg No.SB SB 303-02-16

ESSENTIAL P&M:

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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.

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