PRE-QUALIFICATION CRITERIA FOR TRADE ASSISTANCE IN NITRIDING OF CYLINDER LINER TO DRG NO. 303-07-22/20-01-50-1

1. The firm shall have gas nitriding facilities anhydrous ammonia gas.
2. The firm shall confirm minimum 48 numbers charge capacity of gas nitriding facilities.
3. The firm should have executed nitriding of similar or higher case depth in the last 5 years period.
4. The firm shall develop fixture to control ovality of cylinder liner within the limit as specified in the drawing.
5. The firm shall have facilities for testing of case depth hardness and micro structure of test pieces.
6. The firm shall have facility for checking ovality of cylinder liner.
7. The firm shall equip proper packing of cylinder liner for transportation to firm premises and back to engine factory without any damage.

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