PRE-QUALIFICATION CRITERIA FOR CYLINDER LINER(FULLY FINISHED) TO DRG NO. 20-01-50-1

1. The firm should have forging manufacturing facility for manufacturing similar type of steel forging liner (or) tie up with good forging manufacturing suppliers.
2. The firm should have CNC turning & boring machine to machine the subject cylinder liner.
3. The firm should have heat treatment facility to carry out the stabilizing & nitriding process (or) should have tie up with good heat treatment firm
4. The firm should have CNC honing machine to carry out the honing operation including cross hatching of cylinder liner.
5. The firm should have cylindrical grinding machine to carry out the grinding of cylinder liner
6. The firm should have inspection facility including surface table, vernirer caliper, micro meter, bore dial gauges, height master, surface finish tester etc to check the geometrical parameters, surface finish as per drawing.
7. The firm should have inspection facility to check the critical forging parameters like physical properties & chemical composition & crack detection etc (or) should have tie up with reputed NABL laboratories to check the above parameters
8. The firm should have suitable standby power backup system
9. The firm should have adequate technical knowledge/skill of staff/workmen to carry out machining of the subject components.

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