

**PRE-QUALIFICATION CRITERIA FOR ACR CAP(pre- machined)DRG NO. 20-04-22-4**

- a) Firm should have Tie up with ISO Certified firm for purchase of input material(Steel 18X2H4MA)
- b) Cluster of forging hammers with suitable capacity to forge steel components of 7 to 10 Kg in weight.
- c) Should have supplied forgings of similar complexity and weight.
- d) Firm should have capacity to manufacture Forging Dies, Jigs or Fixtures as per requirement.
- e) Firm should have cluster of CNC Vertical Machining Centers/HMCs with suitable spindle power and table size
- f) Pneumatic de-burring equipment to apply neat and uniform de-burring.
- g) In house heat treatment facility and Shot/Sand Blasting equipment for heat treatment and de-scaling.
- h) Inspection room with proper illumination, clean work space and adequate inspection equipment (Co-Ordinate Measuring Machine) (In house or tie up with outside agency),Crack testing equipment, height master, surface table, bore dial gauges, Vernier Calipers).
- i) Firm should have standby power and compressed air sources
- j) Firm should have enough staff/workmen with adequate technical knowledge /skills for making subject component
- k) Firm should have in house inspection facility to check physical, chemical mechanical properties of raw material, crack detection equipment OR tie up with reputed NABL accredited Laboratories.
- l) Firm should submit relevant test certificates, test reports, inspection report during the time of sample delivery / bulk delivery.

\*\*\*\*\*