

**PRE-QUALIFICATION CRITERIA FOR GEAR(pre- machined)**

**DRG NO. 20-05-126-4**

- 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 3 Kg in weight.
- c) Capacity to manufacture Forging Dies, Jigs or Fixtures as per requirement.
- d) Cluster of CNC Turning Centers with suitable spindle power and Chuck
- e) In house heat treatment facility and Shot/Sand Blasting equipment for heat treatment and de-scaling.
- f) Inspection room with proper illumination, clean work space and adequate inspection equipment (height master, surface table, bore dial gauges, Vernier Calipers).
- g) Firm should have standby power and compressed air sources
- h) Firm should have enough staff/workmen with adequate technical knowledge /skills for making subject component
- i) 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.
- j) Firm should submit relevant test certificates, test reports, inspection report during the time of sample delivery / bulk delivery.

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