

## **PRE-QUALIFICATION CRITERIA FOR AXLE (FULLY FINISHED)**

### **DRG NO.20-08-243-3**

- a) The firm should have facility to manufacture the Bar materials of similar composition (or) should have tie up with good steel manufacturers. The firm should produce the past records for supply of similar components.
- b) The firm should be in the field of manufacturing Axles with similar accuracy for the past 5 years.
- c) Firm should have Cluster of CNC Turning Centers with suitable spindle power and Chuck size.
- d) Firm should have cluster of Radial drilling & Vertical milling machine.
- e) Firm should have Cluster of cylindrical grinding machines.
- f) In house heat treatment facility which includes, Normalizing, Carburizing, hardening and Shot/Sand Blasting equipment for de-scaling or tie up with outside agencies having valid ISO certification.
- g) Inspection room with proper illumination, clean work space and adequate inspection equipment (height master, surface table, bore dial gauges, Micro meters, thread gauges)
- h) In house plating facility which includes, Zinc plating or tie up with outside agencies having valid ISO certification.
- i) Firm should have stand by 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.

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