PRE-QUALIFICATION CRITERIA FOR GEAR (FULLY FINISHED) TO DRG NO. SB 3312-94-1

1. The firm should have facility to manufacture the steel forgings (i.e gear to drg no 3312-94-1 (or) should tie up with good forging manufacture .the fir should produce the past record for supply of similar components.
2. The firm should be in the field of manufacturing gears with similar accuracy for the past 5 years.
3. Firm should have cluster of CNC turning centers with suitable spindle power and chuck size.
4. Firm should have cluster of gears hobbers and gear tooth chamfer equipment.
5. Firm should have broaching facility/wire cutting machine or tie up with reputed firm for broaching of component to drg 412-25-2.
6. Firm should have cluster of cylindrical and surface grinding machines.
7. In house heat treatment facility which includes carburizing case hardening and shot/stand blasting equipment for de-scaling or tie up with outside agencies having valid ISO certification.
8. Inspection room with proper illumination clean work space and adequate inspection and equipment (height master surface table bore dial gauges gear tooth vernier calipers equipment for checking gear tooth PCD run out.
9. Firm should have standby power and compressed air sources.
10. Firm should have enough staff/workmen with adequate technical knowledge skill for making subject component.
11. Firm should have in house inspection facility to check physical chemical mechanical properties of raw materials crack detection equipments or tie up with reputed NABL accredited laboratories.
12. Firm should submit relevant test certificates test reports inspection report during the time of sample delivery/bulk delivery.

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