

PRE-QUALIFICATION CRITERIA

Generator Drive Shaft To Drg NO 20-39-68 (Fully Finished)

- a) The firm should have facility to manufacture the steel bright bar or should have tie-up with good steel rolled bar manufacturer for purchasing raw material.
- b) The firm should be in the field of manufacturing gears with accuracy of 10 microns on gear tooth profile and radial run out.
- c) The firm should have cluster of CNC turning centres and cluster of radial drilling machines.
- d) The firm should have cluster of gear shapping machines for gears of module 1.27 and pressure angle 20°
- e) The 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 gauge, gear tooth vernier caliper , equipment for checking gear tooth PCD run out).
- h) The firm should have qualified and skilled man power to carry out the machining and inspection of components.
- i) The firm should have in house inspection facility to check physical, chemical, mechanical properties of raw material, crack detection equipments or tie-up with reputed NABL accredited laboratories.
