

## Technical Pre-qualifying Criteria for “Bevel Gears & Pinions”

The pre-qualification criteria for “bevel gears & pinions” are as under :-

- 1) Supplier to confirm manufacturing of bevel gears & pinions as per sketch nos. TME/SKETCH/1004 & TME/SKETCH/1005 respectively and material specification IS:4432 Gr.15Ni7Cr4Mo2.
- 2) Supplier to furnish drawing & specification of bevel gears & pinions similar to BHEL drawing earlier manufactured by it.
- 3) Supplier to furnish flowchart of the activities performed during manufacturing of bevel gears & pinions.
- 4) Supplier to furnish different parameters and stages of quality inspection followed while manufacturing.
- 5) Supplier to furnish names of customers with details of supply (size & quantity) of “bevel gears & pinions” similar to BHEL drawing & material specification in the last 3 years.
- 6) The acceptable sources for procurement of raw material for bevel gear/pinion blank forgings are SAIL (ASP, Durgapur), Mahindra UGINE Steel Company Ltd. (MUSCO), SAIL (VISL), Jindal Steel Ltd. (JSL), Kalyani Carpenter Steels Ltd. & Star Wire (India) Ltd. Supplier to confirm the above & specify the source of procurement of raw material for forgings.
- 7) Supplier to furnish source of procurement of forged blanks used for the manufacturing of bevel gears & pinions.
- 8) Supplier to furnish details of machining facilities available with it for the manufacturing of bevel gears & pinions.

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