

**BEVEL GEAR TO DRG NO 176.23.117-3 & 176.23.118-4**

S. No.	Nomenclature & drawing No.	Manufacturing technology & Testing / Inspection Facilities required to produce the item	Must be possessed by the vendor in his premises ) (P&M list and testing / inspection equipment list to be submitted)	May be possessed by the vendor in his premises or out sourced) (Self declaration to be submitted)	FIRM Compliance (Y/N)	Remarks
1	176.23.117-3 Bevel Gear 176.23.118-4 Bevel Gear  (Items to be ordered together to get the supplies as a pair)	TECHNOLOGY-1  Raw material  TECHNOLOGY-2  Turning  Milling & Drilling  Grinding  Gear machining  Gears Lapping  Heat Treatment  Protection coating	CNC Turning machine suitable to accommodate component upto 200 mm diameter with 0.050mm accuracy,  VMC / HMC machine as per component Dia 200 mm with 0.050mm accuracy  Internal/ External /Surface grinding machine as per component Dia 200 mm with 0.010mm accuracy  Spiral Bevel Gear machining facility of facial module 4 or more as per drg specification  Firm should have the Lapping facility for both the Gears and should be supplied as a pair (OR) Firm should submit the undertaking in this regard that they will create the facilities within 6 months from the date of receipt of order.	Firm should be capable to arrange the raw material like forging & bar material etc as per drawing specification and standard.		
TECHNOLOGY-3				Carburising, Hardening, Induction Hardening & Tempering furnace with Oil quenching facility suitable to the components.  Oxidising or Oxido Phosphating facility suitable to the component		

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