

SL.NO	Nomenclature & Drawing No.	MANUFACTURING TECHNOLOGY & TESTING / INSPECTION FACILITIES REQUIRED TO PRODUCE THE ITEM	MUST BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES - (LIST OF PLANT AND MACHINERY AND TESTING/INSPECTION FACILITY TO BE SUBMITTED)	MAY BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES OR MAY BE OUT SOURCED(NAME AND ADDRESS OF SUB-CONTRACTOR, LIST OF PLANT & MACHINERY AND TESTING/INSPECTION FACILITY TO BE SUBMITTED)	Firm compliance (Y/N)	REMARKS
1	HUB TO DRG.NO: 172.54.001-1	TECHNOLOGY - 1	CASTING	Foundry Melting Furnace: 1 Ton or more		
		TECHNOLOGY - 2	HEAT TREATMENT		1.Homogenizing furnace: 1100°C or more 2. Normalising furnace :980°C or more. 3. Tempering furnace:680°C or more. 4. Hardening furnace : 910°C or more. 5. Quenching facility.	
		TECHNOLOGY - 3	MACHINING	1.CNC Turning center DIA 600 mm or more/CNC VTL Table Dia 600 mm or more		
		TEST/ INSPECTION - 1,2	MATERIAL TESTING	Dye penetration testing	chemical testing: spectrometer mechanical testing-RADIOGRAPHY TEST, BHN,UTM, IMPACT AND METALLOGRAPHY	

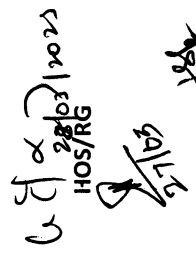
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		TEST/ INSPECTION - 3 DIMENSIONAL CHECKING	1, Suitable standard calibrated gauges, instruments.	1. surface roughness tester. 2. suitable 3D CMM of 600x600MM size.		

Note:

1. If the firm is not having any particular facility as mentioned in VQC, but able to meet the requirement as per drawing with alternative methods, the details of the alternative methods has to be provided with proper justification.
2. Firm has to develop all essential jigs, fixtures and gauges as per manufacturing process books of OEM, undertaking to be given


SATISH KUMAR D
WM/QA/(NF-1&QMSC)


AWM/RG


HOS/RG
28/03/2023


NEERAJ KUMAR
DGM/QA-RIG(OE)


ANIMESH PAIK
DGM/CA, TRG, RG (USER)


J.P. SINGH
GM/OPERATIONS-I