

TA section letter No. 6415/TA/FORGE/VQC/2023-24 Dt 25/07/2023

Sl.No	Nomenclature and Drg.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 Outsourced (Name and Address of sub-contractor ,list of plant and Machinery and Testing /Inspection facility to be submitted)
1	1) 175.40.019-1A/F Flange Rear RH LF no 3906401115 ✓ 2) 172.40.201-1A/F Flange Front RH LF no 3906401045 ✓ 3) 172.40.271/F Rim LF no 3906401097 ✓ 4) 175.40.025/F Gear LF no 3906401127 ✓ 5) 172.40.324/F Booster LF no 3901040057 ✓ 6) 172.43.005/F Carrier LF No 3906404012 ✓ 7) 172.40.320/F Crown Gear LF no 3901040053 ✓ 8) 172.51.022/F Road wheel arm 3,4,5 LF no 3906411028 ✓ 9) 175.40.021/022 Brake Housing LF No 3906401118 ✓ 10) 172.40.310/F Crown Gear LF no 3901040043 ✓	Technology 1	Metal Cutting	Band saw or Circular Saw or Shearing machine	
		Technology 2	Metal Heating	Bogie or Batch type Gas fired or Oil Fired or Induction furnace max temperature 1200 Deg.C	
		Technology 3	Forging, Trimming & Piercing	1. Min 5 T capacity Belt drop or Pneumatic or Hydraulic Hammer for preforming and die forging. 2. Trimming using suitable Power press min 250 T capacity.	
		Technology 4	Heat Treatment		HT furnaces for normalizing, Hardening/Tempering
		Technology 5	Die		Die manufacturing facility suitable CAD/CAM facility.
		Technology 6	Shot Blasting		Shot Blasting facility required to accommodate the size of jobs
		Test/Inspection 1	Fixtures /Gauges/Testing Instruments	Magnetic particle testing facility(Spectrometer, Rockwell BHN, UTM, Impact and Metallographic ultra sound test) Visual Inspection facility Firm has to develop as per Specification/Drawings and have to submit undertaking for the same.	

Note : 1 If the firm is not having the above facility and able to make components with alternate methods, the details of methods to be submitted during participation in Tender for validation and acceptance, if found suitable.

2. Facilities must be available with vendor own premises including facilities available with sister/parent concern/strategic partners.

3. Firm should give undertaking that they will develop all the testing facility as per QA/Ty if they get order.


JWM/QA(ML)
(B.CHIRANJEEVULU)


JWM/FS
(S.SATHYAVELAN)


JTGM/CA,TRG,FS
(ANIMESH PAIK)