

TA section letter No. 6005/NOQ/TA/FORGING/2023-24 Dt 16/11/2023

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) 175.40.029-1/SMF Gear sun IV Train (Opn 15 20) Semi machined forging LF no 3956401130	<p>Technology 1</p> <p>Technology 2</p> <p>Technology 3</p> <p>Technology 4</p> <p>Technology 5</p> <p>Technology 6</p> <p>Technology 7</p> <p>Test/Inspection 1</p>	<p>Metal Cutting</p> <p>Metal Heating</p> <p>Forging, Trimming & Piercing</p> <p>Heat Treatment</p> <p>Shot Blasting</p> <p>Die</p> <p>Machining</p> <p>Fixtures /Gauges/Testing Instruments</p>	<p>Band saw or Circular Saw or Shearing machine</p> <p>Bogie or Batch type Gas fired or Oil Fired or Induction furnace max temperature 1200 Deg.C</p> <p>1. Min 5 T capacity Belt drop or Pneumatic or Hydraulic Hammer.</p> <p>2. Trimming using suitable Power press min 250 T capacity.</p> <p>CNC Turning centre Dia 500 min of a accuracy 0.1 mm</p> <p>Magnetic particle testing facility/Spectrometer, Rockwell BHN, UTM, Impact and Metallographic ultra sound test) Visual Inspection facility</p> <p>Firm has to develop as per Specification/Drawings and have to submit undertaking for the same.</p>	<p>HT furnaces for normalizing, Hardening/Tempering.</p> <p>Shot Blasting facility required to accommodate the size of jobs</p> <p>Die manufacturing facility suitable CAD/CAM facility.</p>

- 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.

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(B.CHIRANJEEVULU)

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(S.SATHAVELAN)

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(ANIMESH PAIK)