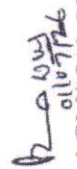


Sub: - Finalisation of Manufacturing Technology & Inspection facility required for Manufacturing of the items - Regarding of.
Ref: - PV(DM) Section's L/No. 4061/MFG FACILITY/PV (DM)dtd. 29.06.2026.

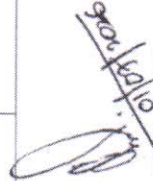
With reference to the above, PV(DM) Section has intimated to provide details manufacturing technology and testing/inspection facility require for manufacturing of the items. As per PV(DM) Section's letter under ref., this information will be required for addition of item in Master Item list of MIL Vendor Registration Portal.

The identification of essential plant & machinery for manufacturing of the following item is reviewed and fixed by the MFT team of Vendor Registration.

Sl. No.	Material No	Item	Manufacturing Technology	Testing & Inspection type of the item	Capacity Verification required or Not Required
01	2017263	SHELL 125MM HE 1A (EMPTY) TO DRG PART NO ISX-61 GE (DESIGNER'S REF NO. CQA(A)/AMN/2590 DC-NO.37147-A, DT. 14-11-2007 WITHOUT FIN ASSEMBLY, EXTERNAL SURFACE PAINTED WITH OLIVE GREEN RAL 6003, MATT FINISH TO DEFENCE STANDARD: DEF STAN 80-25 ISSUE-5 DATE 09 JANUARY 2009 (PAINT AMMUNITION FINISHING, STOVING AND DIPPING TYPES) INSTEAD OF PAINT MIDDLE BUFF AS MENTIONED IN DRAWING.	Essential 1. Shear cutting machine/Band saw for cutting billets. 2. Induction heating Furnace of capacity minimum 1000 KW for heating Billets. 3. Hydraulic Press for forging of capacity minimum 400 Tonne. 4. Press for Nosing Operation of capacity minimum 400 Tonne. 5. Heat treatment furnace 6. Shot blasting facility / machine. 7. Pressing Machine for fitting of obturating bands on the Shell body with working pressure of 170 Kg/cm² for dwell time 10 seconds. The number of rotations and pressings to ensure 360° pressing. 8. CNC machines for machining operation for turning, boring, grooving & threading. 9. Phosphating & Painting Facility. Desirable 1. Manufacturing facility or Tie-up /MOU for Plug.	Essential 1. Hydraulic Pressure testing machine for pressure test at 600 Kg/cm² minimum for dwell time 10 seconds. 2. MPI facility to detect any surface crack/flaws. 3. Minimum magnetization current to be 2000 Amp. to 2500 Amp. for duration 2 to 4 seconds both through poles and coils. 3. Ultrasonic machine to detect internal metallurgical defects. Desirable 1. Suitable measuring facility	


AGM/ Q & PL
CHAIRMAN/MFT


DGM/U-04
MEMBER/PRODUCTION


DGM/ QC
MEMBER/QC