

Annexure - A

VENDOR QUALIFICATION CRITERIA FOR ITEM DRAIN HOLE COVER TO DRG.No.155.29.2372B

Nomenclature and Drg. No.	Manufacturing technology & Testing/Inspection Facilities required to produce the item		Must be possessed by the vendor in his premises (P&M and Testing/Inspection equipment list to be submitted)	Provide details of the facilities asked in column 3 that are available In-House (Self-Declared P&M List(Name of the facility/machine, make, date of installation, capacity, accuracy, precision & etc.)) and Testing/inspection equipment list(Name of the testing/inspection equipments, make, date of calibration, calibration agency (In-House/Out sources)) also to be submitted	May be possessed by the vendor in his premises or Out-sourced(MoU or Undertaking shall be submitted by the firm along with P&M details)	Provide details of the facilities asked in column 5 that are available In-House or Out-sourced firms (Name and address of the sub-contractor to be declared by the firm in Firm's letter head, self-declared P&M list (Name of the facility/machine, make, date of installation, capacity/technical specification, (capacity, accuracy, precision & etc.)) and testing/inspection equipment list (Name of the testing/inspection equipments, make , date of calibration, calibration agency (In-House/Out sources)) also to be submitted)
DRAIN HOLE COVER TO DRG.No.155.29.2372B	Technology 1	RAW MATERIAL			Firm shall be able to position required forged raw material as per drawing specification. Die Forging capacity 5Kg or more. 50T capacity or more.	
	Technology 2	TURNING	Turning machine Dia.200 with 0.020 mm accuracy			
	Technology 3	MILLING & DRILLING	CNC VMC 400 x 500 with 0.020mm accuracy			
	Technology 4	HEAT TREATMENT			Hardening capacity to achieve HB302 to 255. Bright hardening is allowed to achieve HB415 to 311	
	Technology 5	SURFACE COATING			Zinc chromating up to 12 micron	

	TEST/INSP-1	INSPECTION	Surface table. Thread plug guage, Thread Ring guage, Receiver gauges shall be positioned after placement of supply order. Undertaking shall be submitted by the firm.		Coordinate measuring machine 300 x 300 mm with MPE (maximum permissible error) 3.5+L/350 mm or better.	
	TEST/INSP-2	INSPECTION			All testing facility chemical, mechanical (impact 9kgm/cm ²)and physical properties with certification as per component requirement.	

Note: The firm may indicate the Alternate Machines/Process by which the component can be manufactured as per the Specifications mentioned in the drawing.