

Annexure - A

VENDOR QUALIFICATION CRITERIA FOR LEFT HAND COVER ASSY/188.02.103CBCB & RIGHT HAND COVER ASSY/188.02.102CBCB

Nomenclature and Drg. No.	Manufacturing technology & Testing/Inspection Facilities required to produce the item		Essential (To be possessed by the vendor in his own premises (List of Plant & machinery 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	Desirable(May be possessed by the vendor in his own premises or Out-sourced(Self declaration to be submitted))	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)
LEFT HAND COVER ASSY/188.02.103 CBCB & RIGHT HAND COVER ASSY /188.02.102 CBCB	Technology 1	SHEET METAL CUTTING	-	-	Shearing Machine (or) Gas cutting machine to cut sheet metal up to 7mm or more and width 1000 mm or more.	
	Technology 2	CASTING			Steel casting & Investment casting	
	Technology 3	FORMING			Hydraulic press with working area 1100x750 mm or more.	
	Technology 4	MILLING	Milling machine 750x250 mm or more with accuracy 0.020 mm or better			
	Technology 5	TURNING	Chucking Dia 200 mm with turning length 500 mm. Accuracy shall be 0.020 mm or better			
	Technology 6	HEAT TREATMENT			Firm shall be able to harden as per drawing specification.	

	Technology 7	BAR BENDING			Bar bending facility up to 8 mm or more.	
	Technology 8	TWISTING STAND	Torsion bar twist test stand shall be positioned after placing supply order. Under taking shall be submitted			
	Technology 9	ASSEMBLY	Gas shield welding. Fabrication fixtures shall be positioned after placing supply order. Under taking shall be submitted			
	Technology 10	SURFACE COATING	Painting Primer & Enamel, Khaki		Zinc coating up to 21 microns Hard chromium plating up to 48 microns.	
	Test / Inspection	INSPECTION	Surface table, Template, Positional checking gauges shall be positioned after placing supply order. Under taking shall be submitted		Hardness Tester CMM machine 300x400x500 mm with MPE(Maximum permissible error) 3.5+L/350 mm or better.	

Note:1) The firm may indicate the Alternate Machines/Process by which the component can be manufactured as per the Spec. mentioned in the drawing.

2) The firm may indicate the machines and facilities available at vendors premises for the process mentioned under “Desirable” column.