

**COMPLETING ARTICLES SHOP (69)
Vendor Qualification Criteria (VQC)**

- NOMENCLATURE & DRAWING No:1. 1st Right Hand Support of Road Wheel Arm to Drg. No. 172.01.728-2, LF No. 6206801666.
 2. 1st Left Hand Support of Road Wheel Arm to Drg. No. 172.01.635-6, LF No. 6206801664.
 3. 2nd Left Hand Support of Road Wheel Arm to Drg. No. 172.01.636-4, LF No. 6206801665.
 4. 6th Left Hand Support of Road Wheel Arm to Drg. No. 172.01.641-4, LF No. 6206831640.

1	2	3	4	5	6
MANUFACTURING TECHNOLOGY & TESTING / INSPECTION FACILITIES REQUIRED TO PRODUCE THE ITEM		MUST BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES - (P&M LIST & 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 (Nomenclature of machine, Make/Model, Capacity/Size & accuracy, Date of Installation, Vintage of machine/Year of Manufacturing of machine) AND TESTING/INSPECTION EQUIPMENT LIST (Nomenclature of the Testing/Inspection Equipment, Make/Model, Size & Range, Date of calibration) ALSO TO BE SUBMITTED)	MAY BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES OR OUT SOURCED - (MOU/TIE-UP WITH THE OUTSOURCING VENDOR/SUB-VENDOR AND THEIR P&M LIST & TESTING/INSPECTION EQUIPMENT LIST 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 OUTSOURCING VENDOR TO BE DECLARED BY THE FIRM IN FIRM'S LETTERHEAD, SELF-DECLARED P&M LIST (Nomenclature of machine, Make/Model, Capacity/Size & accuracy, Date of Installation, Vintage of machine/Year of Manufacturing of machine) AND TESTING/INSPECTION EQUIPMENT LIST (Nomenclature of the Testing/Inspection Equipment, Make/Model, Size & Range, Date of calibration) AND MOU/TIE-UP ALSO TO BE SUBMITTED)
Technology 1	STEEL CASTING			Casting Requirement as per drawing.	
Technology 2	HEAT TREATMENT			Normalizing, Hardening as per drawing requirements.	
Technology 3	SURFACE CLEANING	Suitable Conventional/CNC VMCHMC Required as per drawing.		Shot Blasting	
Technology 4	*MACHINING	Suitable Conventional/CNC VTL Required as per drawing.			
Test/ Inspection 1	MEASURING INSTRUMENTS/GAUGES	Measuring Instruments required as per components drawing.			
Test/ Inspection 2	MEASURING GEOMETRICAL ACCURACY			Suitable 3D/CMM as per drawing	

Test/ Inspection 3	METAL TESTING			The firm should submit Material test report from NABL accredited lab as per drawing.	
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Note: (1) Facilities must be available with vendors own premises - including facilities available with Sister / Parent Concerns / Strategic Partners shall be considered for Capacity Verification subjected to documentary evidence to prove the relationship / ownership.

(2) Casting shall be accord as per Specifications 172-TY-5.

(3) *The firm may indicate the alternate machines/process by which the component can be manufactured as per technological process/drawing.

(4) Firm should give undertaking that they will develop the all the fixture/testing facility if they get order.

(5) **Dimension given in Brackets to be maintained after welding the Bracket on Hull Assy. For Machining refer Technological process book.**


GNANASEKARAN M
DGM/CA&SMS


ANTARYAMI PRADHAN
JW/M/QA(OE/CA)


LAKSHMINARAYANAN C
JW/M/CA