

**Format for the Vendor Qualification Criteria (VQC)
For Non-Ferrous Casting**

NOMENCLATURE & DRAWING NO.: 03 TYPES OF CASTING TO DRG. NO. – 188.25.001/C , 188.25.002/C , 172.28.002-5/C

1	2	3	4	5	6
	<p align="center">MANUFACTURING TECHNOLOGY & TESTING / INSPECTION FACILITIES REQUIRED TO PRODUCE THE ITEM</p>	<p align="center">MUST BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES - (P&M LIST & TESTING/INSPECTION EQUIPMENT LIST TO BE SUBMITTED)</p>	<p align="center">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)</p>	<p align="center">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)</p>	<p align="center">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)</p>
<p align="center">Technology 1</p>	<p>Melting : Medium frequency Induction Furnace/Skelnar/Health/Rev erboratory Heat resistance type furnace with silicon carbide tubes/Heating elements (Melding capacity : Minimum 0.5 MT Furnace)</p>				
<p align="center">Technology 2</p>	<p>Moulding : Hand Moulding / Co2 moulding (Phynalic /Sodium silicate), 2 part/3 part resign system</p>			<p>Pattern making, Heat Treatment ,Mechanical Test facility ,Dimensional checking,3D CMM Machine</p>	
<p align="center">Technology 3</p>	<p>Metal Moulds(Die Casting) : Gravity Die Casting/Low Pressure Die Casting</p>				
<p align="center">Test/ Inspection 1</p>	<p>De-gassing equipment : Rotary De-gasser Manual / Continuous Sand Mixer</p>				

Test/ Inspection 2	Core Shop : Machine/Manual Making				
Test/ Inspection 3	Sand Testing Facilities : GCS,Moisture,Permeability ,Mould hardness,Core hardness				
Test/Inspection 4	Chemical Test Facility : Spectrometer / Ferro Lab for carbon and silicon analysis				
Test/Inspection 5	Dimensional checking : 2D Measuring instruments and gauges				
Test/Inspection 6	Temperature Checking : Suitable Pyrometer abrasive blasting/Shot blasting				

Note: 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.

1. Supporting documents to be submitted:

List of Plant & Machinery available in-house to be submitted as per format as well as outsourced vendors Plant & Machinery to be submitted as per format separately:

Sl. No.	Nomenclature of the machine	Make/Model	Capacity/Size & Accuracy	Date of Installation	Vintage of the Machine / Year of Manufacturing of machine

List of Testing/ Inspection facilities available in-house to be submitted as per format as well as outsourced vendors Plant & Machinery to be submitted as per format separately:

Sl. No.	Nomenclature of the Inspection/Testing Equipment	Make/Model	Size & Range	Date of Calibration

The Plant & Machinery list and Inspection/Testing facility (as per the above format) duly signed by the **CEO/MD/Director/ Proprietor/Partner (with Name and Designation)**. If it is signed by authorized representative then scan copy of authorization letter should be attached.

If the facilities mentioned in Column No. 5 of Vendor Qualification Criteria is not available at your own premises, then submit the Outsourcing Vendor (Sub-Vendor) Name, Address, MoU/Tie-ups from the Outsource Vendor and their Credentials/Certification (i.e. Plant & Machinery list and Inspection/Testing facility list – as per the above format).

In case, if the Outsourcing Vendors (Sub-Vendors) are not submitting the above information, then the Main/Applied vendor have to endorse the Outsourcing Vendor (Sub-Vendor) Name, Plant & Machinery list and Inspection/Testing facility (as per the above format) available with the Outsourcing Vendors (Sub-Vendors) in their letter head, duly signed by the **CEO/MD/Director/ Proprietor/Partner (with Name and Designation)**. If it is signed by authorized representative then scan copy of authorization letter should be attached.

Note: Authorization letter should be signed by the CEO/MD/Director/ Proprietor/Partner (with Name and Designation). In the authorization letter the authorized person Name, Designation and his/her specimen signature shall be affixed.

2. Self-declaration for P&M list:

Firms Letterhead

Self-declaration

I/We confirm that the information furnished about Plant & Machineries and Inspection/Testing facilities available at In-house as well as Outsourcing Vendors (Sub-Vendors) are correct to the best of my/our knowledge and belief. In the event of any information given by me/us is found incorrect/false at any time, I/We understand our registration will be cancelled without notice, besides any other appropriate action against me/us.

M/s.

Signature:

Name:

Designation: