

**CASTINGS AVR**  
**Vendor Qualification Criteria for Grey Iron Casting**

<b>Sl.No.</b>	<b>Short Description</b>	<b>Essential Core Competency (All supporting document proof to be submitted)</b>	<b>In house or Tie Up required (Tie up document proof to be submitted)</b>
<b>1</b>	<b>Grey Iron Casting</b>	<p><b>Melting:</b> Medium frequency induction furnace / Arc furnace [Melting Capacity: minimum 0.5 MT Furnace</p> <p><b>Moulding:</b> Jolting and Squeezing machine / CO2 moulding, Sand mixer.</p> <p><b>Core Shop:</b> Shell core shop / Cold Box / Hot Box / CO2 core resign facility.</p> <p><b>Sand Testing Facility:</b> GCS. Moisture, Permeability, Mould hardness, Core hardness.</p> <p><b>Chemical Test Facility:</b> Spectrometer / Ferro Lab for Carbon and Silicon analysis.</p> <p><b>Dimensional Checking:</b> 2D measuring instruments and gauges.</p> <p><b>Temperature checking :</b> Suitable Pyrometer Abrasive blasting / Shot blasting.</p>	Pattern making, Heat Treatment, Mechanical Test facility, Dimensional Checking, 3D CMM Machine.

**Note : Documentary proof of the above qualifications is to be submitted along with quotation against Advance Vendor Registration (AVR) Tender Enquiry. If not submitted the same your offer will be ignored for further process.**