



BHARAT HEAVY ELECTRIAS LIMITED

Calling for suitable vendors for pre-qualification and short listing – Reg

1	Name of the Material	Carbon Steel & Alloy Steel round blooms 220 mm dia.
2	Specification	ASTM SA 210 Gr.A1, SA 210 Gr.C, SA 192, SA 209 T1, SA213 T-11 & SA213 T-22.
3	Approx. quantity required per annum	Carbon Steel – 20000 MT Alloy Steel - 5000 MT
4	Application of the material	These round blooms are required for manufacture of seamless steel tubes for boiler application.
5	Salient Technical Requirements of the item	<ul style="list-style-type: none">a. Dia 220 mm +0, -4 mm – continuously cast or rolled.b. Length 5.5 to 11 Mtrs with 10% short length down to 3 Mtrs.c. Straightness: Maximum deviation of 10 mm over 1 Mtr subject to a max. of 25 mm over the total length of a single bloom. No twist in the bloom is acceptable.d. Finish: All bar shall be surface conditioned to ensure good surface quality and should be free from defects such as undue segregation, porosity, piping.e. These blooms shall be made by electric arc furnace, open hearth or basic oxygen process and refined by vacuum degassing and should be fully killed.f. The inclusion rating of thin & thick series should not exceed 3 and 2 respectively (as per ASTM E-45) of types A,B,C,D.g. Minimum heat size: Shall be 30 MT.h. Ultrasonic testing: Ultrasonic testing shall be done to ensure the internal soundness of the material upto chill depth. It shall be ensured by doing ultrasonic test on each bar. Any defect undertaken in the chill depth exceeding 20% of the back wall echo shall be the norm for rejection.i. Probe Dia: Shall be 10/25 mm.j. Frequency: Shall be 2/4 Mghz.

This is only a pre-qualification communication given to all the possible vendors to confirm their willingness to the above requirements and communicate to us in the following address:

Manager/Purchase
Seamless Steel Tube Plant
Bharat Heavy Electricals Limited
Tiruchirapalli 620 014
Tamilnadu
India
Phone: 02578445
Fax : 0431-2520464
Email : csguna@bheltry.co.in

Your willingness for supply of this material may please be communicated within 30 days from the date of hosting of this communication to the above address so that on receipt of the same, we shall give you the complete detailed technical delivery conditions (TDC) and other related technical/commercial details/documents for your further scrutiny and confirmation.

Only those vendors, who are short listed in this process will be contacted further for development.

MANAGER/PURCHASE/SSTP