

Pg for all various type of  
Steel Billets

No. SF/1901  
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**Sub: Pre qualification criterion for Procurement of 155 mm ERFB Billet.**

**Updated PQ Criteria for Parted Steel Billets 155 mm ERFB Shell is proposed as under:**

**A. Essential Eligibility Criteria:**

The firm should essentially have following facilities:

1. Blast Furnace with LD Converter (Basic Oxygen Furnace) OR Electric ARC Furnace OR Induction Furnace.
2. Firm should be able to supply : ~~155mm~~ s. of parted steel billets per heat batch.
3. Ladle Refining furnace along with Argon purging system.
4. Vacuum degassing furnace along with Argon purging system.
5. Continuous caster OR Bottom pouring ingot casting facilities.
6. Soaking Pits OR Pre heating Furnace.
7. Rolling Mill to maintain reduction ratio of at least 6:1.
8. Annealing OR Normalising Furnace.
9. Optical emission Spectrometer.
10. Carbon Sulphur Analyzer.
11. Temperature measuring facilities during melting/ casting.
12. Mechanical test facilities, as applicable.
13. Metallography facilities for Micro and Macro Analysis.
14. Ultrasonic Testing facilities with qualified personnel.

**B. Desirable Eligibility Criteria :**

Firm should have successfully executed supply orders for similar caliber ammunition in past. Supply order copies to be attached/ uploaded along with TE.