

## Query Clarification

### **Inquiry Number 91086917, Tender for supply of Grey Cast Iron Receiver.**

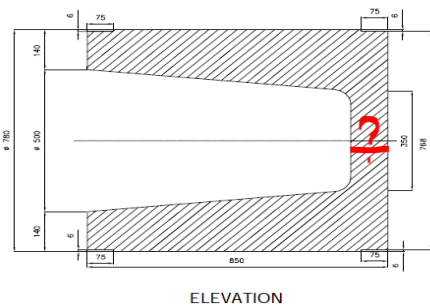
**Question 1:** BIS Certification is not applicable for castings. Request you to please withdraw this clause.

**Answer 1:** BIS certification is not required

**Question 2:** The format asks to quote the price per unit basis, irrespective of the weight of the Single Pieces. Even in the tender Annexure 3: Technical Specifications Point 3 mentions a tolerance in weight of the order of 2.5%. If the price is quoted on unit basis and there is positive variation in weight of the casting even if within the weight tolerance it is going to be a loss for the manufacturer. Hence, request you to re-address the format of the costing to accept price quotation on Per Kg of casted material.

**Answer 2:** Price should be mentioned on per kg basis. Refer revised price Annexure 5

**Question 3:** The highlighted dimension is missing. Kindly Clarify.



**Answer 3:** Please refer the revised enclosed drawing with dimensions updated. The missing dimension is 75mm.

**Question 4:** Page 3 of Annexure 3 for technical specification: We have 3 UT machines with 6 qualified operators for Level 2 certification. This component being Grey Iron, it will not be possible to inspect for Ultrasonic testing. Due to flake graphite structure of the material, there will be gross echo in Ultrasonic examination and it will not be possible to assess the casting quality. Kindly reconfirm on this technical requirement.

**Answer 4:** The ultrasonic test is not required. Please refer the revised annexure 3 for testing details.

**Question 5:** We do not have BIS Manufacturing Licence as required in your tender check list No 3 of Page 5 in tender document. However we have ISO 9001, 14001 & 18001 certification. Whether we will be eligible for submitting the tender with ISO certification in place of BIS Licence?

**Answer 5:** Applicable ISO certification is acceptable to us.

**Question 6:** BHN 150-160 is too narrow a range. The range should be 40 BHN i.e. 150 to 190 BHN. In IS standards range is usually 40 BHN.

**Answer 6:** The range is revised to 160 to 220 BHN. The revised range is as per IS 210.

**Question 7:** The chemical composition range for carbon is 3.0-3.5 at one place and 3.3 to 3.5 at other place. 3.0 to 3.5 should be okay if hardness and tensile parameters are met.

**Answer 7:** The carbon chemical composition range is 3.3 to 3.5 per cent.

**Question 8:** Ovality and roundness of  $\pm 2\%$  and  $\pm 1\%$  may be achievable in many cases. But casting being big, some clarification on salvage process required if some castings are oversize

**Answer 8:** Tolerances for Ovality and roundness shall be  $\pm 2$ . Any deviation from these tolerances, the vendor can salvage the oversize by doing machining on his own cost. We can leverage the roundness tolerance to  $\pm 2\%$

**Question 9:** Smoothness is important on Outside only or on inside too? Here also in case of some deviations, salvage process should be defined.

**Answer 9:** Obligatory on outer surface. The bidder must do the machining at its own cost to achieve a smooth outer finish in case required. (Refer Annexure 3, Clause 2.1).

**Smoothness:** No external particle (sand, Mud etc on the outer surface)

Note: Cleaning the outer surface of the Receiver solid body can be done either scrubbing manually or through sand blasting.

**Question 10:** Pattern you will provide or we have to arrange?

**Answer 10:** Bidder has to arrange.

**Question 11:** If we arrange the pattern than you give pattern cost or include in casting?

**Answer 11:** Bidder has to arrange the pattern and the cost for the same can be reflected in the price bid on per kg basis.

**Question 12:** After finishing the material, which agency we have to call for inspection?

**Answer 12:** GIZ shall arrange the Third party Inspection and the cost of third party inspection will be borne by the GIZ (refer bidding document).

**Question 13:** Address detail & contact no., where we have to dispatch the material?

**Answer 13:** The material needs to be delivered at the address given below. The complete contact details (Contact number and Name) will be shared with the successful bidder and will be clearly mentioned in the PO.

“India One” solar thermal power project,  
Near Shantivan Campus, Taleti 307510- Abu Road, Rajasthan.

**Question 14:** Please give us tender fill up form & your contact detail

**Answer 14:** The tender needs to be submitted as per the details given in the bidding document. Please refer the Annexures for Financial and Technical bid submission.

**Question 15:** From your website we feel that yours is essentially a private organization dealing with governments. In such case why you have taken tender route requiring bank guarantee for initial bid and additional bank guarantee of 10% of order value if bid is qualified and accepted? Usually we demand advance for pattern equipment and also against casting before production as casting is of no use to us if it is not lifted in time or not lifted at all.

**Answer 15:** GIZ is a German government owned not-for-profit enterprises supporting sustainable development. We are governed by the company rules and regulations and therefore a tender is mandatory allowing all the prospective bidder to participate. Our credit worthiness is beyond question and this can be cross checked with your bank.

**Question 16:** Period of 15 weeks is too short from pattern making to delivery for any quantity. You should consider minimum 4 weeks additional for pattern making.

**Answer 16:** The pattern making time is inclusive in the 15 weeks delivery time.

**Question 17:** Ultra sound testing is usually not done on Grey Iron casings as it is more suitable for steel and sometimes used for nodular iron.

**Answer 17:** Answered in Question 4 above.

**Question 18:** What is it about IS mark? Do you mean we should have ISI mark on our product? This won't be our product and nobody ever has asked for ISI mark on casting. Does it mean that we have to mark only the IS grade on each casting?

**Answer 18:** The bidder should put a mark on each receiver for bidder identification (receiver number, batch number, IS grade)

**Question 19:** The material can only be supplied in stages. Will you be paying in advance for the material being dispatched before delivery or will there be a letter of credit for the same?

**Answer 19:** A 30% advance of the total order value will be released against the bank guarantee. Thereafter payments will be made after supplying a required set of receivers. The supplier should clearly indicate his payment terms, if any, on the proposal.

**Question 20:** Replacement of casting in case of some unnoticed defects are observed at your end will require much more time than 7 days. Transport time itself can be 4-5 days

**Answer 20:** It should be as fast as possible as per the production capacity.

***Following Changes has also been made (Please refer to updated documents)***

1. EMD and Security Deposit Clause has been removed (refer bidding document)
2. Technical specification has been revised (refer annexure 3 and FAQs)
3. Technical Bid Document has been updated (refer Annexure 4)
4. Revised drawing attached.