

SPECIFICATION FOR CAST IRON PLATE:

1. **Scope:**

This specification covers manufacture of Cast Iron Earthing Plate, its supply and delivery to any of UGVCL's Stores in Gujarat.

2. **Materials:**

The Plate shall be of suitable quality of Grey Cast Iron made from Foundry grade pig Grade -4 and free from all defects.

3. **Requirement:**

The Plate shall be of size: **300mmx300mmx 9mm** as per drawing no. **(O&M) x137 (Rev.3)**. However, manufacturers are free to select length and breadth more than 300mm so, as to have its weight **6.5Kg.** or more.

Following manufacturing tolerance shall be adhered to:

a) Length and breadth: + 5% no negative tolerance.

b) Thickness and hole diameter: ± 1 (one) mm.

4. **Marking:**

Word ' UGVCL' and manufacturer's name ' trade name shall be casted on one side of the Plate.

5. **Weight:**

The weight of the plate without bolts, nuts and washers shall be minimum 6.5Kg. The lot containing plate weighting less than 6.5 Kg. will be straightway rejected. The plates weighting 6.5 Kg. or more will be acceptable but the UGVCL will not pay any charges for additional weight. Tenderers are requested to note this and to quote their rates on the basis of each piece of C.I. plate and not on weight basis.

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6. **Inspection:**

The supplier shall offer a lot for inspection mentioning quantity ready with it. The company will arrange for inspection of material at Supplier's works.

7. **Sampling Criteria and Tests:**

The number of samples to be picked up randomly from the lot shall be as under:

Size of lot		No. of Samples.
i)	Up to and including 2000 Nos.	20
ii)	2001 to 3000 Nos.	30
iii)	More than 3000 Nos.	40
The above samples shall be subjected to following acceptance tests:		
i)	Visual inspection	
ii)	Verification of dimensions	
iii)	Verification of Weight	

8. **Experience:**

Tenderer should also give the list of orders executed at least during last two years invariably.

(i) With UGVCL/GUVNL (formerly GEB).(ii) Agencies other than UGVCL.

9. **Guaranteed Technical Particulars:**

Tenderer should submit the complete details in Guaranteed Technical Particulars (G.T.P.) as per attached Annexure-'A' in Triplicate along with offer.

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ANNEXURE 'A'

Name of Manufacturer and Address:

GUARANTEED TECHNICAL PARTICULARS:

PART 'A'

Bidder has to confirm following important requirement:

Sr. No	Particulars	Confirmation
1	The plate shall be made from foundry grade pig Iron grade-4.	Yes
2	The plate size shall be 300mmx300mmx9mm as per drawing No. (O&M) x137 (Rev.3).	Yes
3	Tolerance as per drawing No.(O&M)x137(Rev.3)	Yes
4	Marking shall be word 'UGVCL' and manufacturer/ trade	Yes
5	Weight shall not be less than 6.5 Kg.	Yes

PART 'B'

Bidder has to enclose following documents and has to confirm for the same:

Sr. No	Particulars	Confirmation
1	One No. of sample of C.I. Plate to be sent prior to opening of Technical bid of tender.(Sample shall be sent to EE-RSO, Mehsana)	Yes
2	List of machinery available.	Yes
3	List of testing equipment available.	Yes
4	List of orders pending / executed at least for past two years for the items offered.	
(a)	With G.E. Board(Now GUVNL/Other Discoms)	Yes
(b)	With the purchaser other than GEB (Now GUVNL).	Yes

PART 'C'

Bidder has to mention technical deviation if any, quoting relevant clause of specifications, in Annexure at page No.27 only. Any deviation given elsewhere will not be considered and will be ignored.

Signature and
Seal of Tenderer.