

SPECIFICATION FOR CAST IRON PLATE

1. Scope:

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

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: 300 mm x300 mm x 9 mm as per drawing no. (O&M) X 137 (Rev.3). However, manufacturers are free to select length and breadth more than 300 mm so as to have its weight 6.5 Kg. 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 ' **PGVCL** ' 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 6.5 Kg. The lot containing plate weighting less that 6.5 Kg. well be straightway rejected. The plates weighting 6.5 Kg. or more will be acceptable but the Company 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.

6. Inspection:

The supplier shall offer a lot for inspection mentioning quantity ready with it. Company will arrange for inspection of material as Supplier works.

Signature of Tenderer:		
Date:	Place:	
		Company's Round Seal:

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)	Upto 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 GUVNL (formerly G. E. B) &/or their subsidiary companies
- (ii) Agencies other than. GUVNL (formerly G. E. B)

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.

Signature of Tenderer:		Company's Round Seal:
Date:	Place:	

ANNEXURE 'A'

Manufacturer's Name 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 300 mm x 300 mm x 9 mm 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 'PGVCL' 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:

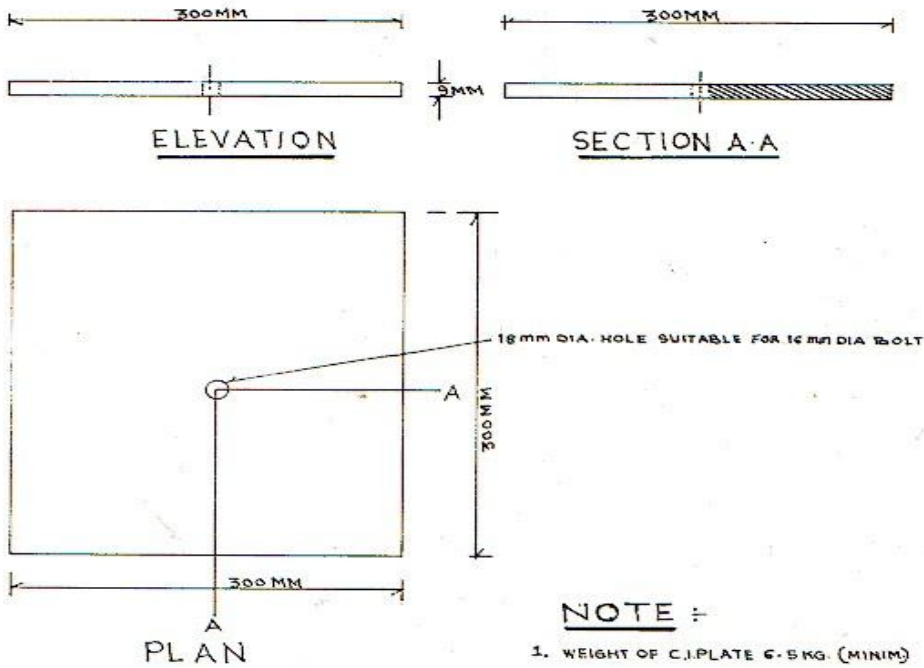
Sr. No.	Particulars	Confirmation
1	One No. of sample of C.I. Plate to be sent with tender.	Yes
2	List of machinery available.	Yes
3	List of testing equipment available.	Yes
4	List of orders pending / executed at least for past two years for the items offered.	
(a)	With PGVCL & GUVNL (Formerly GEB) and/or their subsidiary companies i.e MGVCL/DGVCL/UGVCL	Yes
(b)	With the purchaser other than GUVNL.(Formerly GEB)	Yes

PART 'C'

Bidder has to mention technical deviation if any, quoting relevant clause of specifications, in Annexure only. Any deviation given elsewhere will not be considered and will be ignored.

Signature of Tenderer:		
Date:	Place:	
		Company's Round Seal:

C.I. PLATE
(300MM X 300MM X 9MM)



NOTE :

1. WEIGHT OF C.I. PLATE 6.5 KG. (MINIM)
2. MANUFACTURER ARE FREE TO SELECT LENGTH AND BREADTH MORE THAN 300MM AS TO HAVE ITS WEIGHT 6.5 KG OR MORE
3. MANUFACTURING TOLERANCE
(a) LENGTH & BREADTH + 5%
NO NEGATIVE TOLERANCE
(b) THICKNESS & HOLE DIA ± 1MM.

	DRAWN	DATE	CHECKED	APPVD.	GUJARAT ELECTRICITY BOARD HEAD OFFICE - VADODARA-7
					DRG NO.

PGVCL

Signature of Tenderer:		Company's Round Seal:
Date:	Place:	