



PASCHIM GUJARAT VIJ COMPANY LIMITED

REGD. & CORPORATE OFFICE:- "PASCHIM GUJARAT VIJ SEVA SADAN"

OFF NANA MAVI MAIN ROAD, LAXMINAGAR, RAJKOT-360004

CIN U40102GJ2003SGC042908

Telephone Nos:-0281-2380425/427/2360182

Fax No:-0281-2368175

Website:-www.pgvcl.com

E-mail:-proc.pg@gebmail.com

Technical specifications of HD Rigid PVC Pipe for Earthing/Earth Terminal

1. SCOPE

This specification covers the manufacture, testing at works and supply of HD Rigid PVC Pipe.

2. APPLICABLE STANDARD.

IS-9537 (Part-I & II) 1983.

3. GENERAL CONSTRUCTION REQUIREMENT OF HD RIGID PVC PIPE MATERIAL.

Material should be strictly supplied confirming IS-9537/1983 Part-I & III.

Colour : White.

Dimensions. : Inside diameter 10 mm + or -1 mm.

Wall thickness. : 3.0 mm to 3.5 mm.

Length. : 2.5 meter with tolerance + 10 mm.

4. MARKING.

"PGVCL", trade mark of supplier and Nominal size of conduits should be screen print & embossed on the pipe at every half meter length preferably at 50 mm from one end.

5. TYPE TEST CERTIFICATE.

The Firm has to submit type test certificate not more than 5 years older of HD Rigid PVC pipe for all the tests as per clause No. 14.1 of IS-9537 Part-III/1983 except bending test (Clause No. 9.2) and collapse test (Clause No. 9.5) as both the tests not applicable for 10 mm HD PVC Pipe.

6. ACCEPTANCE OF LOT.

6.1 Sampling and acceptance criteria. The numbers of sample randomly select from the lot shall be in accordance with acceptance criteria shall be in assurance with Appendix-A (A-2,1)of IS-9537 Part-III/1983.

6.2 Acceptance tests.

The selected sample shall be subject to the acceptance test in following order as per IS-9537 (Part-III 1983)

Signature of Tenderer

Company's Round Seal

Date:

Place:

- A. Visual inspection.
- B. Verification of dimension as per Company's requirement.
- C. Compression test (Clause No. 9.3)
- D. Resistance of burning (Clause No. 11).
- E. Electrical characteristics (Clause No. 12).

7. TENDER SAMPLE.

Tenderer should submit 2 Nos. of samples along with the offer. Offer without sample will be straight way rejected. Sample should be submitted at R.S.O. Rajkot, Dudhsager road, Rajkot on or before last date of submission of offer.

8. GUARANTEED TECHNICAL PARAMETERS(GTP).

Tenderer should submit the required details in attached guaranteed technical parameters (GTP) offer without GTP will be straight way rejected.

ANNEXURE-A

Manufacturer's name :

Address :

GUARANTEED TECHNICAL PARTICULARS (GTP)

Technical information and guaranteed technical information for supplier of HD Rigid PVC Pipe.

Part-A : Bidder has to confirm following important requirement.

Sr.No.	Particulars.	Confirmation.
1	HD Rigid PVC Pipe shall be supplied as per confirming IS No. 9537/1983 (Part-I & III)	Yes/No
2.	Dimension shall be as under.	
	Inside diameter 10 mm (+) or (-) 1 mm.	Yes/No
	Wall thickness 3.0 mm to 3.5 mm.	Yes/No
	Length. 2.5 meter with tolerance + 10 mm.	Yes/No
3.	Marking shall be as under.	
	PGVCL & Trade Mark of supplier, Nominal size of conduits shall be screen printed & embossing on pipe at every meter length properly at 50 MM from one end.	Yes/No

Part-B : Bidder has to furnish below detail for above material.

Sr.No.	Particulars.	Confirmation.
1	Colour of pipe White	Yes/No
2	Manufacturer Trade Mark name.	

Signature of Tenderer

Company's Round Seal

Date:

Place:

Part-C : Bidder has to enclose following documents and has to confirm for the same.

Sr.No.	Particulars.	Confirmation.
1	The type test certificate as per specification Clause No.5 at any Govt. Approved laboratory are submitted as under.	
	The name of laboratory.	
	Laboratory Test Report.	
	Date of report.	
2.	Two (2) Nos. of samples to be sent with tender.	Yes/No
3.	List of plant & machinery.	Yes/No
4.	List of testing equipment.	Yes/No
5.	List of order pending/executed at least past 2 years for the item offered.	
	A) With PGVCL	Yes/No
	B) With the purchase other than PGVCL.	Yes/No

Part-D : Bidder has to mention below deviation if any quoting relevant clause of specification.

Signature of Tenderer

Company's Round Seal

Date:

Place: