

	PASCHIM GUJARAT VIJ COMPANY LIMITED REGD. & CORPORATE OFFICE:- "PASCHIM GUJARAT VIJ SEVA SADAN" OFF NANA MAVA MAIN ROAD, LAXMINAGAR, RAJKOT-360004 CIN U40102GJ2003SGC042908 Telephone Nos:-0281-2380425/427/2360182 Fax No:-0281-2368175 Website:-www.pgvcl.com E-mail:-proc.pgvcl@gmail.com
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TECHNICAL SPECIFICATIONS OF HD PVC RIGID PIPE

1. SCOPE:

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

2. APPLICABLE STANDARD: IS-9537 (Part-I & III) 1983 and latest amendment of it if any.

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

Material should be strictly supplied confirming IS-9537/1983 Part-I & III and latest amendment of it if any.

Colour : White.
Dimensions. : Outside diameter 40 MM + or - 1 MM.
Wall thickness. : 3.0 MM to 3.5 MM
Length. : 2.5 Meter with tolerance + 10 MM

4. MARKING:

"Name of DISCOM", trade mark of supplier and Nominal size of conduits should be screen printed & 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 notarized copy of type test certificate for HD Rigid PVC pipe with all the tests as per clause No. 14.1 of IS-9537 Part-III/1983 and latest amendment.

6. ACCEPATANCE OF LOT:

6.1 Sampling and acceptance criteria. The numbers of samples selected randomly from the lot shall be in accordance with acceptance criteria in assurance with Appendix-A (A-2.1) of IS-9537 Part-III/1983 and latest amendment of it if any as under:

Signature of Tenderer

Company's Round Seal

Date:

Place:

Scale of Sampling

Lot Size	For Dimensional Requirements		Other Acceptance Tests
	Sample Size	Permissible No. of Defectives	
Up to 300	13	0	2
301 to 500	20	0	3
501 to 1000	32	1	4
1001 to 3000	50	2	5
3001 & above	80	3	7

The conformity criteria would be as per IS-9537 Part-III/1983 and latest amendment of it if any.

6.2 Acceptance Tests:

The selected sample shall be subject to the acceptance test in following order as per IS-9537 (Part-III 1983) and latest amendment of it if any

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

7. GUARANTEED TECHNICAL PARAMETERS (GTP):

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

Technical Specifications of HD Rigid PVC Pipe of 40 mm diameter
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) and latest amendment of it if any	Yes/No
2	Dimension shall be as under.	
	Outside diameter 40 MM (+) or (-) 1 MM	Yes/No
	Wall thickness 3.0 MM to 3.5 MM.	Yes/No
	Length. 2.5 Mtr 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 half meter length preferably 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:
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Page 3 of 4

Technical Specifications of HD Rigid PVC Pipe of 40 mm diameter

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

Sr. No.	Particulars.	Confirmation.
1	The notarized copy of type test certificate as per specification Clause No.5 at any Govt. Approved laboratory is submitted as under.	
	The name of laboratory.	
	Laboratory Test Report.	
	Date of report.	
2	List of plant & machinery.	Yes/No
3	List of testing equipment.	Yes/No

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

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