

**Clarification regarding**  
**Technical Evaluation of Cable Fault Locators vide tender no. CMC/BY/24-25/RS/SkS/SS/3**

<b>SI No.</b>	<b>Item Description</b>	<b>Clarification</b>
1	System Configuration	
1.1	For 11, 33 & 66 kV Cables:	Van Mounted Cable Fault locating system shall be manually controlled type. All controls shall be provided in Operation & control cabin at operator's desk.
1.2	For LT cable	System shall be portable Type.
2	Surge Generator for LT cable Fault Locator	Output Voltage - 0- 4 KV & Energy - 500 joules (min) for complete range.
3	Time Domain Reflectometer	
3.1	Test Range	For Van Mounted System : - 0-50 Km (Min) For LT Cables: - 0-10 Km (Min)
3.2	Display Size	For Van Mounted System: - Min 15 inch, colour For LT System - Min 7 inch, colour
3.3	Test Modes	For Van Mounted System - ICM, Pulse Echo, Arc Reflection (SIM/MIM), Decay For LT System - ICM, Pulse Echo
3.4	TDR Mounting	For Van Mounted system - Fixed at Operator's Desk For LT System - Mounted with surge generator in single panel with Wheel for easy transportation and to make the system portable
4	Cables for LT Cable Fault Locator	HV Connection cable - 10 mtrs Earthing cable - 10 mtrs Power Supply cable - 10 mtrs  Offered system shall have provision for storage of cables.
5	Pin Pointing set for LT Cable Fault Locator	Dedicated equipment required.  Technical Parameters of Pin Pointing set shall be as per tender specification.