

TPNODL NIT- 028-FLC-TECHNICAL & COMMERCIAL CLEARIFICATION TO BIDDER

Sr No.	Clause no.	Existing Specs	Technical Clarification
1	5 System	The entire operation control is carried out via a central operating /interface unit which comprises the TDR for fault location and controls the individual high voltage operating modes and the phase selection. All operation modes and techniques and the safety control must be fully integrated in the central system control	The entire operation control is carried out fully automatically via a central operating /interface unit which comprises the TDR for fault location and controls the individual high voltage operating modes and the phase selection. The complete operation must be fully automatic i.e selection of modes, voltage range, etc. should be done through central control unit, without accessing the HV unit/compartment. All operation modes and techniques and the safety control must be fully integrated in the central system control
2	6.0 Genral Requirement		Inbuilt IR & Capacitance measurement Voltage 0-1kV
3	6.1 DC Testing	Testing with DC Voltage up to min. 80 KV, operated from central control unit.	Testing with DC Voltage up to min 80KV in Cable Fault Location irrespective of VLF Source, operated from central control unit
4	6.2 Fault Pre location	Cable Fault pre-location should be carried out from a single location. It should work on Time Domain Reflectometry/ARM/ICM/SIM/MIM or equivalent.	Cable Fault pre-location should be carried out fully automatically from a single location. It should work on Time Domain Reflectometry, Arc Reflection measurement/SIM, ARM multishot/MIM, ARM plus/DC SIM, Current Impulse and Decay up to 0-80kV
5	6.2 Fault Pre location	Burning(Fault conditioning) 0-32 kv DC with a minimum ISHORT of 450 mA	The output current should be max enough to permanantly convert the fault
6	1.7.7. Qualification Requirement	Bidder should have customer support centre or support service office with qualified technicians for 24X7 support in north Odisha area. Office address proof with personnel details will be required.	OEM should have customer support centre or support service office withqualified technicians for 24X7 support in India with local support in north Odisha area. Office address proof with personnel details will be required.
7	18) Minimum Testing facility	The bidder should have supplied minimum 10 Such FLC vans to any utility in India.	The bidder should have supplied minimum 10 FLC of offered model or heigher model vans to any utility in India.