

Pre-Bid Clarification
TPCODL/P&S/1000000139/21-22

Rate contract for supply of Lightning Arrester-33kV 10kA

Sr. No.	Clause description	Description as per Bid Document	Bidder Query	TPCODL Response
1	3.9 page 13 of 21	Type test validity 5 years	As per CEA Guidelines type test validity is 10 years, please consider the same.	Accepted upto 10 years but type test should have been carried out on 30 Kv, 10kA, class- 3 Lightning Arrester. (As per TPCODL specification)
2	ENG-HV-050 page 3 of 18 sr.no. 2	Reference standard IS 3070	IS 3070 is withdrawn. Present standard IS 15086 part-4 2017	Noted
3	ENG-HV-050 page 5 of 18 sr.no. 29	Material of Insulating base - UV resistance Fire retardant DMC	Offered insulating bases are polycarbonate	Insulating base not required
4	ENG-HV-050 page 5 of 18 sr.no. 2	Reference standard IS 3070	IS 3070 is withdrawn. Present standard IS 15086 part-4 2017	Noted
5	ENG-HV-050 page 6 of 18 sr.no. 29	Material of Insulating base - UV resistance Fire retardant DMC	Offered insulating bases are polycarbonate	Insulating base not required
6	ENG-HV-050 page 6 of 18 Clause 5.0	Seal shall be properly designed	Seals are not applicable as the offered surge arresters are of fully moulded	Accepted
7	ENG-HV-050 page 6 of 18 Clause 5.1	MO resistor shall be near to 100mm	For class-2 Zn block dia 52±2mm & For class-3 Zn block dia 62±1mm	Accepted
8	ENG-HV-050 page 7 of 18 Clause 5.4	Surge counter (optional)	Kindly confirm whether scope includes surge counter with milli ammeter. In price schedule separate row not available for quoting the prices. Kindly clarify whether we can add the surge counter price in the arresters price.	Surge Counter not required
9	ENG-HV-050 page 9 of 18 Clause 7.1 sr.no. 5	Moisture ingress test and water immersion test	It is a part of bending moment test	Clause mentioned in tender document shall prevail
10	ENG-HV-050 page 9 of 18 Clause 7.1 sr.no. 11	Internal partial discharge test	Not comes under type test as per IEC 60099-4 2014. Being performed as routine and acceptance tests	Clause mentioned in tender document shall prevail
11	ENG-HV-050 page 9 of 18 Clause 7.1 sr.no. 12	Dry and wet power frequency voltage withstand test	Dry power frequency not applicable for outdoor surge arresters as per IEC 60099-4 2014	Accepted, It is wet power frequency withstand test.
12	ENG-HV-050 page 9 of 18 Clause 7.1 sr.no. 13	seal leak rate test	Seal leak test not applicable for design B arresters as there is no separate sealing arrangement as per IEC 60099-2014	Accepted
13	ENG-HV-050 page 9 of 18 Clause 7.1 sr.no. 14	Pressure relief test	It is nothing but short circuit test.	Accepted
14	ENG-HV-050 page 9 of 18 Clause 7.3 sr.no. 5	Test shall be made on 100% of arrester to be supplied	Acceptance test shall be performed on cube root of total quantity as per IEC 60099-4 2014	Test shall be made on at least 20% of arrester to be supplied

Sr. No.	Clause description	Description as per Bid Document	Bidder Query	TPCODL Response
15	ENG-HV-017 page 10 of 18 clause 8	type test validity 5 years	As per CEA Guidelines type test validity is 10 years, please consider the same.	Accepted upto 10 years but type test should have been carried out on 30 kV,10kA,class- 3 Lightning Arrester.(As per TPCODL specification)
16	ENG-HV-017 page 11 of 18 clause 13.0	One sample to be submitted during technical bid submission	Kindly clarify , whether we have to send one arrester from each class.	Yes one arrester from each class
17	Clause no 3.9 - Type Test	Type tests should have been carried out within 5 years prior to the date of opening of technical bids	As per latest circular issued by Central Electricity Authority (CEA), the validity of type tests has changed to 10 years, hence type tests carried out within 10 years are valid.	Accepted upto 10 years but type test should have been carried out on 30 kV,10kA,class- 3 Lightning Arrester.(As per TPCODL specification)
18	Clause no. 5.1 – Assembly	Lighting Arresters shall be supplied along with Insulating Base	Clarify whether Insulating Base is required. If Surge Monitors / Surge Counters are not used, there is no need of using Insulating Base	Insulating base not required
19	Clause no. 5.4 – Surge Counter (Optional)	Surge counter optional requirement	As Scope of Work doesn't specify Surge Counter requirement, please clarify whether the same is required or not.Also, if surge counter is required, clarify on length of connecting cable	Surge Counter not required
20	Clause no. 11 : Guarantee	The bidder shall further be responsible for free replacement for another period of THREE years from the end of gurantee period for any latent defects if noticed by the company	Latent defects clause shall not be applicable as this product is protective equipment against over-voltages and in the process it may sacrifice itself	Gaurantee Period shall be as per clause no. 11 mentioned inTender Document.