

Pre-bid MOM: Open tender for Supply of 400kVA and 630kVA Dry Type Distribution Transformers
Ref. Tender No.AEML/MDB/2021-22/56 Dated : 15/09/2021

Sr. No.	Document Name	Document No.	Vendor Query/ Point of discussion	Corrigendum / AEML Clarification
1	Specifications of Dry Type transformers	SP-CES-EL-DRDTR-04	Is E2C2F1 certification a mandatory requirement?	The certification is not part of qualification criteria. If vendor do not have E2C2F1 certification, the same shall be obtained in the event of an order. Vendor shall provide confirmation to conduct the required testing and submit certificate in the event on an order. Suitable commercial rider shall be applicable in PO.
2			In specifications, IP class is mentioned as IP34 or IP44 on enquiry. Pls confirm IP class required for this tender.	IP class requirement for this tender is IP44.
3			Auxiliary supply: 0-240 V: AC/ 0- 110V DC. Auxiliary supply shall be arranged by AEML. Pls confirm.	The supply shall be arranged by AEML only. However, the devices shall be capable of taking dual input as specified.
4			As per clause no. 6.4, perforations provided at the bottom channel. Can vendor offer any other design?	Vendor can offer their own design complying to IP 44 class. For providing perforations, max. hole size shall be 1 mm.
5			Requirement of surge arrester	The line item mentioned in tender for surge arrester is additional requirement as spares. The same is to be supplied separately.
6			In specifications, following types of surge arrester are mentioned. Pls confirm which type to be considered for supply. a) For solidly grounded system, Surge arrester shall be rated for 9 KV/10 kV. b) For resistance grounded system, Surge arrester shall be rated for 12 KV.	Surge arrestors supplied along with transformers shall be 9kV suitable for solidly grounded system For surge arrester requirement as spares, it shall be 12kV for resistance grounded system.
7			Pls confirm nominal discharge current for 12kV surge arrester.	The same shall be conveyed during technical evaluation.
8			Dimensions	Vendor to provide optimum dimensions. In view of revision of IP class to IP 44, positive tolerance of not more than 150mm can be considered on Length, width and height.
9			IP 44 class DTs shall be installed outdoor?	The DTs shall be installed both indoor and outdoor.
10			As per clause no. 6.1.4, Bolted type perforation sheet is to be provided. can we offer welded type?	Bolted type sheet to be provided, so that it can be replaced at site in case of any issue like corrosion.
11			Material of enclosure is GI or CRCA. Pls confirm.	Vendor can offer either GI sheet with powder coating of 120 microns or CRCA sheet with weather resistant paint as per specifications.
12			The doors for enclosure specified as hinged type, can we provide bolted type doors?	No, the doors shall be hinged type as per specifications only.
13			Referring to clause 6.3.3, for HV layer type winding, we can propose insulation selection as per our standard practice?	The insulation system/ design for HV and LV winding shall be shall be as per DT tested and certified for E2CF1 class and shall be delared in GTP
14			Losses	Vendor is not allowed to exceed the losses mentioned in AEML specifications. Loss capitalization is applicable @ Average energy charges/kWH = 4.64 as per MYT Order

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15	QAP of Dry type Transformers	SP-CES-EL-DRDTR-04/QAP	In QAP, for E2C2F1 testing IEC 60076 part 11 - 2004 is mentioned, however it shall be IEC 60076 part 11 -2018. Pls confirm.	The same shall be updated in QAP.
16			In QAP , approved makes list is kept blank. Shall we submit our sub-vendor's list from our side for approval?	The vendors shall follow approved vendor's list provided with specifications. Vendor to get approved any new make proposed from AEML during technical evaluation.
17			Updated QAP	Updated QAP is attached herewith as Annexure 1. Vendors to go through and submit compliance to the same.
18			Can we offer Online FAT?	Both online and offline FAT options to be considered at this stage. Decision shall be taken later, based on scenario at the time order execution.
19			IP 44 class testing is to be performed or test certificate for the can be submitted?	The same can be discussed in QAP meeting during technical evaluation. Vendor may submit if already tested
20	Tender Document	Tender document: AEML/MDB/2021-22/09	We are not your registered vendor so please advise us that it is mandatory to register ourselves as a vendor prior to tender.	we will contact you to initiate process vendor registration
21			EMD amount	EMD to be submitted in the form of online transaction.