

Pre-bid MOM: Open tender for Supply of Supply of Natural Ester filled Distribution Transformer
Ref. Tender No.AEML/MDB/2021-22/O9 Dated : 16/02/2021

Sr. No.	Document Name	Document No.	Vendor Query/ Point of discussion	Corrigendum / AEML Clarification
1	Specifications of Natural Ester filled Distribution Transformer	SP-CES-EL-NEDTR- RO2	As per specifications, HV winding shall be layer or Foil type and for LV it is specified foil type only. Can Layer type winding be accepted for LV also?	For LV, Layer type winding is not accepted, only foil type winding shall be provided as per AEML specifications.
2			Can DGPT be considered instead of DCMR relay?	Bidder to submit technical details and catalogue of DGPT along with technical offer. The same shall be reviewed during technical evaluation.
3			As per specifications Rotary tap switch is to be provided. Can linear type switch be considered for tap changer?	Vendor to specify constraint in adhering to specifications during technical offer submission.
4			As per specifications cable box for LV side is required for 1000 and above rating and detachable Canopy required for shrouded trafo connector. Please explain.	Canopy protection shall be provided over trafo connector to avoid accidental touch to live parts. Design details shall be discussed during drawing approval, post order.
5			Is it pole mounted transformer or ground mounted?	It is ground mounted transformer.
6			Vector group of transformer	Dyn11
7			If Permissible temperature rises with 150% loading are not achieved as per specifications?	Within prescribed dimensions and temperature rise limits, bidder shall design as per extended rating of 150% of normal rating. Bidder to submit best possible, optimized dimensions.
8			As per QAP, outside Paint details are as : Surface treatment & painting procedure suitable for C4 Harsh Environment and in specifications it is mentioned as 180 microns. Kindly confirm paint thickness.	The outside paint thickness shall be 240 microns, suitability to C4 class environment.
9			Can CRGO cutting, slitting, corrugation etc. be done inhouse?	Yes accepted.
10			With extended rating of 150% over normal rating, can sizes specified be differed?	Bidder to submit best possible, optimized dimensions.
11			DCMR protection relay cover/ locking arrangement.	Canopy and fabricated box cover and locking arrangement shall be provided for DCMR. The same is not mentioned in specifications, however shall be considered.
12			Can individual losses be differed than mentioned in specification?	No, No load and full load loss cannot be differed.
13			Can other insulation level be considered than class B as mentioned in specifications?	Vendor to submit deviation sheet along with GTP in case of any deviation in insulation level with detailed justification. The same can be reviewed during technical evaluation.

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Sr. No.	Document Name	Document No.	Vendor Query/ Point of discussion	Corrigendum / AEML Clarification		
14	Specifications of Natural Ester filled Distribution Transformer	SP-CES-EL-NEDTR- RO2	In specifications, HV bushings are mentioned as 12 kv Epoxy , with cable box arrangement or optionally Interface C Bushing. What shall be considered?	For HV 12kV Epoxy bushings to be considered.		
15			Regarding conducting vacuum and pressure test on tank as type test as per CBIP, for hermetically sealed transformers pressure 0.2 bars is considered/ offered, is it acceptable?	Bidder to mention the same in deviation sheet along with technical offer. The same shall be reviewed during technical evaluation.		
16			Clearance as per IS 1180?	Pls mention proposed clearances in GTP.		
17			For Copper bus rod, is Vedanta an approved make?	Bidder to submit credentials and samples of Vedanta make Copper rods for review and evaluation.		
18			For Trafo connector is Raychem an approved make?	Yes. Raychem is approved make for Trafo-connectors.		
19			For Aluminium foil Hindalco/ Tianjin winning metals is not included in the list of approved makes. Can it be considered for the same?	Bidder to submit sample and credentials of proposed make AL foil for review and evaluation.		
20			For CRGO, can bio steel make be considered?	Bidder to submit credentials of proposed make of CRGO for review and evaluation.		
21			For Natural Ester oil, can Midel/ Savita make oil be considered?	Midel make is not approved and accepted for Natural ester oil. Bidder to submit details of Savita make of oil for review and evaluation.		
22			Consideration of different makes for different components, which are not approved as per specifications.	Bidder shall submit proposed makes against AEML approved makes for review and evaluation.		
23			Is loss capitalization considered?	Vendor to adhere level 3 losses only. Loss capitalization is not applicable during bidding process. Any deviation in losses during manufacturing post order, transformer is liable to be rejected or if at all accepted with penalty, loss capitalization will be applicable.		
24			QAP: Submission of Type test reports etc. for individual components.	Submission of Type test reports shall be as per AEML QAP only. For any new proposed make of component, vendor may be asked to conduct type tests. The same shall be intimated to bidder prior commercial negotiations.		
25			Tender Document	Tender document: AEML/MDb/2021-22/09	Qualification criteria point no. 7: The Bidder should have supplied at least 200 Nos of similar rating or higher to any major utilities/SEB's/other reputed companies and 11KV voltage during last 3 years from the date of opening of technical bid. Can bidders be considered for tender if they are not completely satisfying this criteria?	Bidder shall submit their past supply list mentioning transformer rating. The same shall be reviewed at the time of technical evaluation.

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26	Tender Document	Tender document: AEML/MDB/2021-22/09	As per Qualification criteria point no. 4 : Type test report for Short Circuit test shall be submitted. Is it acceptable to conduct and submit the Type test report in the event of an order (After order and before dispatch of material).	For vendor qualification, availability of foil wound distribution transformer type test report of equivalent or higher rating is essential.
27	Tender Document	Tender document: AEML/MDB/2021-22/09	As per Qualification criteria point no. 4 : Type test report for Short Circuit test shall be submitted. Can we submit type test report of Foil type Cu winding transformer.	Yes Accepted.

Commercial Points

1. Tender fees and EMD to be submitted through online payment. Any other mode of Submission of tender fees and EMD is not acceptable. Scan copy of transaction details to be shared in envelope -1. EMD shall be valid for 180 days. No concession will be provided for EMD Value .
2. PBG-10% of contractual value inclusive of taxes to be submitted within 15 days of release of PO and valid for a period of 60 months from the date of installation or 66 months from the date of last supply whichever is earlier