

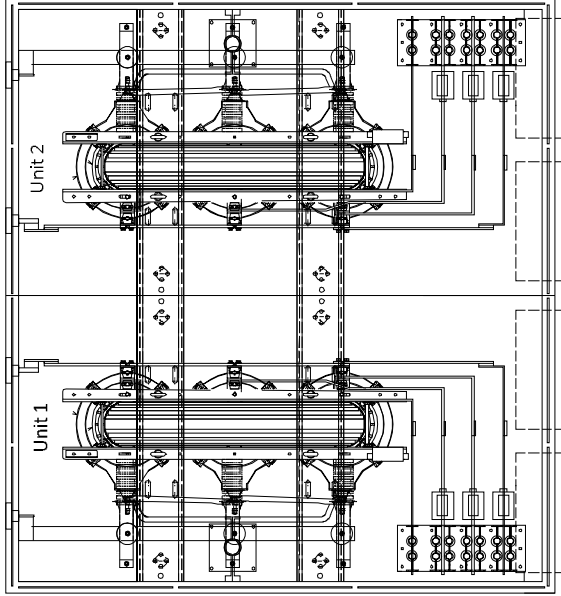
Pre-bid MOM: Open tender for Supply of 2X630 kVA Dry Type Horizontal Oriented Distribution Transformer
Ref. Tender No.AEML/MDB/2021-22/27 Dated : 21/05/2021

Sr. No.	Document Name	Document No.	Vendor Query/ Point of discussion	Corrigendum / AEML Clarification
1	Specifications of 2X630 kVA Dry Type Horizontal Oriented Distribution Transformer	Specification No : SP-CES-EL-DRDTR-03	Where the two transformers are getting connected at LV and HV side?	Both the transformers shall be fed from separate HV SWITCHGEAR and shall be connected to separate LV switchgears. HV/LV switchgears in AEML scope. Provision of LV load shifting arrangement from one transformer to another shall be made within LV switchgear panel by AEML.
2			Scope of vendor	Scope of Vendor: - 1) Design, manufacture and supply 2X630kVA Dry DTs, placed in horizontal orientation in single enclosure. 2) Supervision of OEM engineer for ITC of transformers: – 2 nos. of man-days per transformer.
3			Orientation of CCAs for unit 1 and 2 in enclosure.	The attached concept GA drawing of 2X630 KVA is for reference only. CCA Orientation for making units identical or stability of complete unit etc. is OEMs perview. Only three side access shall be available during operation of 2X630 KVA , therefore there shall be no accessories mounted on non accessible side. GA drawing attached in MOM as Annexure 1.
4			Ventilation	Following factors shall be considered while designing ventilation arrangement, 1) Two CCAs in individual enclosure shall operation at 100% load simultaneously. 2) Required IP: IP 34 3. Common side of two units shall have plane sheet
5			Temperature rise shall be done simultaneously on both the transformers?	Yes, Temperature rise Test shall be done simultaneously in coupled state.
6			Replacement of any one unit, in case any abnormality.	As There are two different inventories of transformers for Unit 1 and 2 as per GA drawings, vendors may propose any other design for making it common.
7			The dimensions provided in specifications are for one unit or for both the units? Considering limiting dimensions, IP class and two transformers in single unit, can Air forced cooling be considered?	The dimensions mentioned in specifications are overall dimensions when operating together in coupled format. There shall be no positive tolerance, on given dimensions. Air forced cooling is not envisaged. Air Natural cooling only shall be considered as specified.
8			No. of rollers to be considered.	As per standard practice, each CCA shall be provided with 4 rollers. However vendors can design and propose any other arrangement. The same shall be reviewed during technical evaluation.

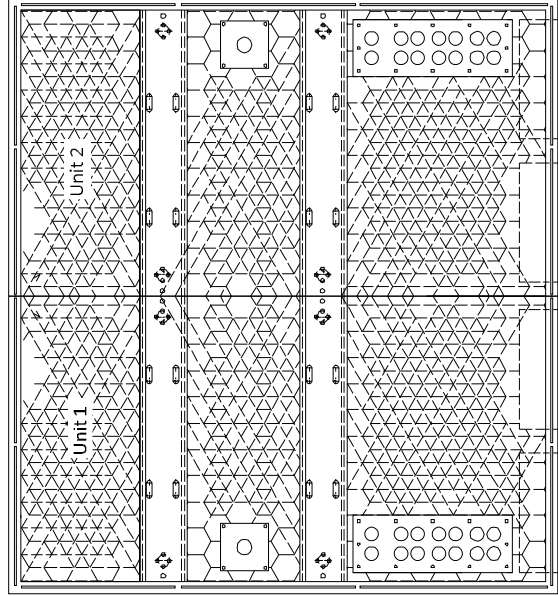
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9	Specifications of 2X630 kVA Dry Type Horizontal Oriented Distribution Transformer	Specification No : SP-CES-EL-DRDTR-03	Can roller orientation be changed?	Vendor shall design roller arrangement as per CCA orientation. The same shall be reviewed during technical evaluation.
10			Lifting imbalance may come as both units will not be placed at centre.	Vendors shall design lifting arrangement accordingly.
11			Orientation of CCA Units	Different orientation of CCA units (other than shown in GA drg.) is allowed with given conditions, like no access from one side, marshalling and metering boxes of both units on one side only.
12			Can increase height be considered? Approximately by 150 - 200mm?	Height restriction as per specifications shall be followed.
13			Is requirement for cast resin type transformers only?	Yes, requirement is for Cast resin type transformers only
14			Testing two units (transformers) together shall need two separate test facilities.	Yes, The same can be also discussed during QAP discussion with AEML quality team.
15			Submissions of technical documents during bid submission	1. Documents supporting qualification requirements 2. Signed and stamped copies of AEML specifications, Tender Document, AEML QAP, Pre-bid MOM etc. 3. Tender purpose GA drawings
16			Submissions of technical documents post PO	ITC and O&M manual of customized design including other listed documents in specification.

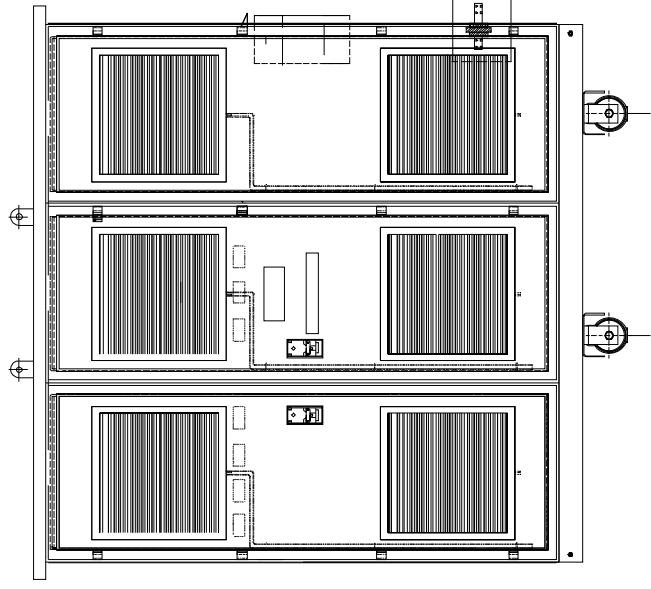
Annexure 1



TOP VIEW



BOTTOM VIEW



FRONT VIEW

DRAWING No. :

DATE : 20-05-2021

SCALE : NTS

DRAWN BY : BJR

CHECKED BY : SJ

CIVIL CHECKED BY :

APPROVED BY :

TITLE :

2X630KVA CRT

adani

Electricity