

	Tender Questions and Answers	Document Identifier	559-222407715	Rev	1
		Effective Date	July 2024		
		Review Date	July 2027		

To whom it may concern	Date	30 September 2026
	Enquiries	Yurisha Pillay
	E-mail address	redddy@ntcsa.co.za

Dear Sir/Madam

Enquiry Number	Invitation to tender E3033NTCSAMWP
Description / Project Title	Tender clarification for the establishment of a panel of suppliers for the design, detailed engineering, manufacture, testing at works, supply, delivery, placement on foundation, installation, erection, testing, transportation, commissioning and storage of Class 1 & 2 Power Transformers for NTCSA on an “as and when” required basis for a period of eight (8) years with an option to extend for two (2) years. The invitation to international suppliers will be restricted to Class 2 Transformers only. Class 1 Power Transformers to be sourced locally.

Item	Questions	Answers	Clarity Published Dates
1.	Please refer to Annexure A for technical clarifications	Please refer to Annexure A for the response to the technical clarifications	30 September 2026

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Annexure A:

No	Clause/Form/Paragraph	Clarification	NTCSA Response																																				
1		With reference to tender number E3033NTCSAMWP, regarding the Technical Evaluation Criteria in Annexure A: Winding Arrangement drawing, do you require detailed drawings or block diagrams? 1. Our company keeps the technical details of all elements located inside our transformers confidential. How can we move forward with the statement above?	As clearly stipulated in the evaluation criteria, the requirement is to verify the winding arrangement against the Design Schedule clauses stated. Specifically, confirmation is required that the winding arrangement provided in Schedule B of the design schedule complies with Schedule A requirements.																																				
2	Document: NTCSA 60MVA 275_50kV Transformers (2026) NTCSA 40MVA 275_50kV Transformers (2026) NTCSA 40MVA 275_22kV Transformers (2026) NTCSA 40MVA 275_11kV Transformers (2026) NTCSA 65MVA 275_11kV Transformers (2026) NTCSA 45MVA 275_6.6kV Transformers (2026) Clause: 6.2 and 7.2	Winding Design Configuration Could you please explain why the medium voltage is shown as "N/A" in section 7.2, while there is a specific value listed for medium voltage in section 6.2? Also, are the transformers with the above specifications designed as double winding with a voltage stabilizer? For example: <table><tr><td>6</td><td colspan="2">Rated power</td><td></td></tr><tr><td>6.1</td><td>· HV</td><td>MVA</td><td>60</td></tr><tr><td>6.2</td><td>· MV</td><td>MVA</td><td>60</td></tr><tr><td>6.3</td><td>· LV</td><td>MVA (see special note on item 35)</td><td>20</td></tr><tr><td>7</td><td colspan="2">Nominal system voltage "Un" (Um as per IEC)</td><td></td></tr><tr><td>7.1</td><td>· HV</td><td>kV r.m.s</td><td>275</td></tr><tr><td>7.2</td><td>· MV</td><td>kV r.m.s</td><td>N/A</td></tr><tr><td>7.3</td><td>· LV</td><td>kV r.m.s</td><td>50</td></tr><tr><td colspan="4">"Um" Maximum system voltage should be as per IEC (1.05 x Un continuously)</td></tr></table>	6	Rated power			6.1	· HV	MVA	60	6.2	· MV	MVA	60	6.3	· LV	MVA (see special note on item 35)	20	7	Nominal system voltage "Un" (Um as per IEC)			7.1	· HV	kV r.m.s	275	7.2	· MV	kV r.m.s	N/A	7.3	· LV	kV r.m.s	50	"Um" Maximum system voltage should be as per IEC (1.05 x Un continuously)				For all the transformers referenced, there is no MV winding. These units comprise only HV and LV windings, with the HV-rated MVA equal to the LV-rated MVA. For example, for a 60 MVA, 275/50 kV transformer, both the HV and LV windings are rated at 60 MVA. There is no MV winding.
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6.2	· MV	MVA	60																																				
6.3	· LV	MVA (see special note on item 35)	20																																				
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