

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

To whom it may concern	Date	28 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 provide clarity on the closing date as the Invitation to Tender refers to the 30th of September 2026, and on your website, it says 16 th of November 2026.	Please note that a tender clarification was issued on 07 September 2026 informing the market that the tender closing date has been extended from 30 September 2026 to 16 November 2026.	28 September 2026
2.	Please provide the voltage and MVA ranges included under Class 2.	Please refer to the pricing schedules, the technical A/B schedules and the document titled the CCD dates.	28 September 2026
3.	Please provide clarity of whether an overseas manufacturer may bid together with a South African installation and commissioning partner.	Yes, provided that it is in line with the Invitation to Tender that has been issued.	28 September 2026
4.	Whether a consortium or joint submission coordinated by a China-based project supply company is permitted.	Yes, it is permitted. Refer to section 2.1 (Eligibility) under the Invitation to tender document.	28 September 2026

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5.	Where we can download the latest complete tender documents and clarification notices.	It can be downloaded from the Eskom/NTCSA tender bulletin (Eskom Tender Bulletin) and National Treasury e-tender portal (Home Page - eTenders Portal).	28 September 2026
6.	Please refer to Annexure A	Please refer to Annexure A	28 September 2026

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Annexure A:

No.	Clause/Form/Paragraph	Clarification	NTCSA Response
1	ITT Tender Data clause 1.6 – Whole / Part Tender	Kindly confirm that an international tenderer may tender for selected Class 2 transformer categories only, and that categories not tendered will not render the tender non-responsive in respect of the categories that are offered.	ITT Tender Data clause 1.6 – Whole / Part Tender refers to the below: “The tender shall be for the whole /part of the contract. Whole refers to the full scope of work on a transformer, which is the design, detailed engineering, manufacture, testing at works, supply, delivery, placement on foundation, installation, erection, testing, transportation, commissioning and storage of Class 1 and 2 Power Transformers. Part refers to the full scope of work on a transformer, which is the design, detailed engineering, manufacture, testing at works, supply, delivery, placement on foundation, installation, erection, testing, transportation, commissioning and storage of Class 1 and 2 Power Transformers, with transformer suppliers being granted the latitude to tender not for all transformer categories but some for Class 1 and 2 Power Transformers. Yes, selected class 2 transformer categories can be tendered for only and not all the categories. the tenderer will not be disqualified.”

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			Therefore, selected class 2 transformer categories can be tendered for only and not all the categories. Categories not tendered will not render the tender non-responsive in respect of the categories that are offered.
2	Technical Evaluation Criteria 240-17000056 Rev. 5, section 3.2.1 and Annex A	For transformer categories that a tenderer elects not to tender under the permitted “part” tender, kindly confirm whether the corresponding Technical Schedules A/B may be omitted or clearly marked “Not Tendered”, with completeness requirements applying to the schedules for the categories actually offered.	Tenderers do not need to submit technical schedules for categories not tendered for.
3	ITT Tender Data clause 1.6 and Technical Evaluation Criteria – Mandatory Requirements	For a permitted part tender comprising more than one Class 2 transformer category, kindly confirm that mandatory technical compliance and technical responsiveness are assessed independently against the applicable Technical Schedules A/B for each transformer category offered.	This is correct. Each technical schedule A/B is evaluated independent of another.
4	Specification 240-68973110 Rev. 3, clause 3.4.8.1 and applicable Schedule A/B clause 33.5	Kindly clarify the tender-stage evidence required for short-circuit withstand capability where the Technical Schedule refers to “short circuit test results of a similar unit or design calculations”, while clause 3.4.8.1 also requires a list of similar short-circuit-tested transformers, a typical test certificate and calculations. Please confirm whether compliance may be demonstrated by successful historical short-circuit test evidence	Historical test evidence of a similar unit will be accepted at tendering stage; however, short circuit calculations will be required during a design review for each design.

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		from the same manufacturing facility together with design-specific short-circuit withstand calculations for the offered unit.	
5	Specification 240-68973110 Rev. 3, clause 3.4.8.1 – “similar transformer / similar unit”	Kindly confirm that the term “similar transformer” does not require an identical nameplate rating in every respect, provided that the tenderer submits a documented engineering similarity assessment addressing all material design differences and demonstrating that the offered design is no more onerous than the successfully tested reference in the relevant short-circuit withstand parameters.	Similar transformer definition is as per IEC60076-5
6	275 kV, 50 Hz double-wound Class 2 categories – similarity evidence	For tender-stage evidence relating to an offered 275 kV, 50 Hz double-wound transformer, kindly confirm whether NTCSA may accept a combined evidence package comprising: (a) a successfully short-circuit-tested 50 Hz reference transformer of substantial power rating manufactured at the same facility; (b) independently witnessed higher-voltage EHV test evidence from another transformer manufactured at the same facility, including a reference having a different rated frequency, where such evidence is relied upon only for the relevant higher-voltage dielectric and manufacturing capability and not as evidence of frequency-specific performance; and (c) project-specific 275 kV, 50 Hz design verification and IEC 60076-5 short-circuit withstand calculations for the offered transformer.	Please see above answer. If similar transformer definition according to IEC60076-5 is met, then it is similar.

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7	Similarity assessment – engineering comparison	Where the historical short-circuit-tested reference unit is not identical to the offered unit, kindly confirm that NTCSA will accept a formal similarity assessment comparing, as applicable, winding arrangement and geometry, short-circuit current and peak current, radial and axial forces, conductor yield strength, winding stresses, buckling margins, clamping arrangement, impedance and relevant insulation levels, to demonstrate that the offered design is no more onerous than the tested reference in the relevant respects.	Please see above answer. If similar transformer definition according to IEC60076-5 is met, then it is similar.
8	Type-test / special-test evidence from more than one reference transformer	Kindly confirm that different historical reference transformers manufactured at the same facility may be used to demonstrate different aspects of technical capability, for example short-circuit mechanical withstand from one reference and higher-voltage dielectric/type-test capability from another, provided that each report is clearly identified and the offered design is supported by the required project-specific calculations and similarity assessment.	As per IEC60076-5 definition of a similar transformer.
9	Test laboratory / inspection body acceptance	Kindly confirm that type-test and special-test reports issued by suitably accredited testing laboratories, or witnessed by suitably accredited inspection bodies, are acceptable where the accreditation and report scope are relevant to the applicable IEC requirements and the tested transformer was manufactured at the facility proposed for the tendered units. Please also confirm that no specific named laboratory is	Type-test and special-test reports issued by suitably accredited testing laboratories, or witnessed by suitably accredited inspection bodies, will be accepted at tendering stage. However, it must be noted that should the tenderer be awarded a contract, these tests are expected to be conducted on the NTCSA units on each type. No specific named laboratory is mandatory.

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		mandatory unless expressly stated in the enquiry documents.	
10	Tender-stage design calculations where no identical prior short-circuit test exists	Where an identical rating and design has not previously undergone a short-circuit withstand test, kindly confirm whether complete project-specific IEC 60076-5 short-circuit withstand calculations, supported by successful short-circuit test evidence on a technically similar reference transformer from the same manufacturing facility and an engineering similarity assessment, are acceptable at tender stage.	As per IEC60076-5 definition of a similar transformer.
11	Technical Evaluation Criteria 240-17000056 Rev. 5 – Factory capability assessment	The Technical Evaluation Criteria describes factory capability assessment as a pre-contract requirement. Kindly confirm that a manufacturing facility is not required to hold an existing NTCSA/Eskom factory accreditation at the time of tender submission, and that a facility without current accreditation may proceed through the applicable NTCSA factory capability assessment before contract placement, if otherwise technically and commercially acceptable.	As per Technical Evaluation Criteria document, factory capability assessment is a pre-contract requirement and may be executed at that time. It is not a requirement for tender submission.
12	NTCSA 67MVA 275_15kV Transformers (2026) Rev1	Technical Schedule 9: Type OLTC/OCTS : NA Technical Schedule 9.9 : On extreme plus tapping 288.75kV, On extreme minus tapping 233.75kV Regarding the tap changer issue in the 67 MVA AB Schedule: Item 9 states that there is no tap changer, but Item 9.9 specifies the voltages at the most positive tap and the most negative tap.	There is no tap changer. As such, 9.92 and 9.93 are N/A.

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13		Please supplement the AB Schedule for 275 kV / 132 kV / 22 kV, 180 MVA.	Please note that this has been replaced with item number 790 on the pricing schedule which is 250MVA 275/132/22kV and as per the A/B schedule. There is no 180MVA 275/132/22kV requirement. Please refer to the tender clarification issued on 7 September 2026 clarifying this as well.
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