

### **Tender Questions and Answers**

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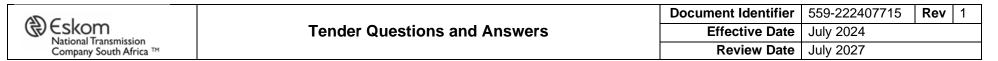
To whom it may concern	Date	20 October 2025
	Enquiries	Providence Sedupane
	E-mail address	sedupap@ntcsa.co.za

### Dear Sir/Madam

Request for Enquiry Number	E1665NTCSAMWP
Description / Project Title	THE DEVELOPMENT, MANUFACTURING, TESTING, TRAINING, SUPPLY, DELIVERY, OFF-LOADING AND INSTALLATION/SITE ERECTION OF PHASE 6 PHASOR MEASUREMENT UNIT SCHEMES FOR USE IN NTCSA, ON AN "AS AND WHEN REQUIRED" BASIS OVER A PERIOD OF FIVE (5) YEARS WITH AN OPTION TO EXTEND WITH ANOTHER FIVE (5) YEARS.
Tender Questions Closing Date	10 working days before the deadline for tender submission.  This includes the requests for extension for tender closing date.

Clause	Questions	Answers	Clarity
			Published
			Dates
3.5.1.3.2 PMU		The PMU & sPDC is should support both	2025/10/20
communication	Kindly clarify the configuration frame to be used if spontaneous	CFG-2 & CFG-3 configuration frames for	
protocols:	UDP is used (i.e CFG-2 or CFG-3).	all protocols listed in Annex F of IEEE Std	
c) All transport layer	For the CFG-3 based Data, please clarify the Data type for	C37.118.2-2011 Based on the application	
protocols & methods	Global PMU ID. (i.e Integer or ACSII) as it is not specified in the	and capabilities in existing and future	
stipulated in Annex F of	C37.118.2-2011.	PMUs & sPDCs, the user will determine	
IEEE Std C37.118.2-2011		which configuration frame to use.	

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shall be available for both			
PMU and sPDC.		The Global PMU ID will not be used as	
		default in CFG-3, however, in the future we	
3.5.1.4 Time		would use the data type in "integer" format.  As per Figure 1 of Specification for Phase 6	2025/10/20
synchronisation		PMU for NTCSA, time synchronization will	2025/10/20
a) Time synchronisation		only be required within the local substation	
and its distribution shall be	As per IEC/IEEE 60255.118-2018 both PTP profiles as per IEEE	boundaries and its network. The Supplier is	
provided by the latest	C37.238 and IEC61850-9-3 are permitted for Time	required to use PTP to time synchronise the	
version of IEEE 1588 or	synchronization with 1um accuracy. Our IEDs are compliant to	PMU scheme equipment in their solution.	
PTP and the IEEE Std	IEC61850-9-3 profile meeting the standard requirement for PMU.	The PTP profile is to be determined by the	
C37.238-2017 profile	Please confirm the acceptance of the same.	Supplier in order to optimize their proposed	
implemented. All hardware		solution as long as it meets the standard	
shall be specified to enable		timing requirements for PMUs as per	
PTP.		IEC/IEEE 60255-118:2018.	2025/10/20
3.5.1.2.2 Analogue input channels		The magnitude and angle compensation is required on all the output synchrophasors	2023/10/20
Each channel must allow		produced. This allows the synchrophasors	
individual scaling in terms		to be modified in order to match the direct	
of magnitude (CT/VT ratio)		onsite measurements.	
and angle compensation to	Kindly clarify what you mean by angle compensation.		
allow the channels to be	Mildly Clarify what you mean by angle compensation.		
applied as single-phase			
measurement on a per			
feeder basis for various EHV/HV substation			
configurations.			
oormgaratione.	Bid Extension Request	The RFP closing date was extended to 14	2025/10/20
	A portion of our scope is being sourced from a third-party	November 2025	
	supplier, and they have requested an additional two weeks to		
	finalize their offer. Unfortunately, their component is critical to our		

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overall solution and essential for ensuring technical compliance with the tender specifications. As a result, we kindly request an extension of the bid submission deadline to <b>7 November 2025</b>		
I would like to clarify a few items on the BOQ for the above tender:  1. Could you please confirm what is meant and required for the following line items?  Hire Engineer: Candidate ECSA  Hire Engineer: Professional Certified  Hire Project Manager  Hire Draughtsperson	The purpose of these line items is to allow for engineering hours from Supplier for possible future modifications to the final solution	2025/10/20
Regarding the line-item Travel & Subsistence: Flights; Economy, how should we quote for this and which City does it refer to?  Travel & Subsistence: Flights; Economy	<ul> <li>Training will be required at NTCSA facilities or at the Supplier's facilities.</li> <li>The NTSCA training would be required at various locations across South Africa, all regions.</li> <li>This line item is for the travelling required by the Suppliers lecturer to the various NTCSA facilities as required.</li> </ul>	2025/10/20

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Eskom National Transmission	Tender Questions and Answers		Effective Date	July 2024	•
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		\\/hor	austing for flights p	agge agg ligt of	
			n quoting for flights pl rts in South Africa.		
			SA locations are		
		country and training may be required anywhere, please use this list to all to price flights per Airport. And if its road travelling			
			e Trainer let it be per l		
		Majo	r international a	nd domestic	
		airpo		ilu dolliestic	
			nnesburg O.R. Taml	oo International	
		Airpo	rt (JNB		
		Cape	Town International Ai	rport (CPT	
		King	Shaka International Ai	rport (DUR)	
		Port E	Elizabeth Airport (PLZ	)	
		East	London Airport (ELS)		
		Georg	ge Airport (GRJ)		
		Othe	r notable commercia	l airports	
		Bloen	nfontein Airport (BFN)		
		Lanse	eria International Airpo	ort (HLA)	
		Kimb	erley Airport (KIM)		
		Nelsp	ruit Airport (NLP)		
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		Polok	ate Airport (MGH) wane Airport (PTG) ards Bay Airport (RCB			
	_astly, would it be possible to request an additional extension for this tender?		RFP closing date was mber 2025	extended to 14		

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