

	Engineering Tender Returnable	Transmission
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Title: **Kendal- Tutuka 400 kV loose  
guy wire repair**

Template Unique Identifier: **240-141157901**

Template Revision: **3**

Project Unique Identifier: TX2019-040

Document Unique Identifier: LES1565.

Area of Applicability: **Engineering**

Documentation Type: **Report**

Revision: **1**

Total Pages: **5**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED  
DISCLOSURE**

**Compiled by**

.....

Name: Gino Pillay

Designation: **Civil  
Engineering Technologist**

Date: 02/06/2022

**Reviewed by**

.....

Name: **Tebogo Bhulose**

Designation: **Middle Manager (**  
**Coastal Cluster)**

Date: 08 June 2022

**Authorised by**

.....

Name: **Faith Makhonoana**

Designation: **Senior Manager (Acting) -**  
**Line Engineering Services**

Date: 13 June 2022

	Kendal- Tutuka 400 kV loose guy wire repair	Transmission
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## 2. LIST OF TECHNICAL RETURNABLES FOR AN OPEN TENDER


Please submit all Engineering documentation described in the tables below in a separate file.

The file must be clearly marked **Engineering Tender Returnable – Kendal- Tutuka 400 kV loose guy wire repair**

The documents must be submitted in a **numbering** sequence as described in the table below; otherwise the tender submission will not be evaluated.

Certain documents are mandatory, and indicated as such in the table. The percentage score allocated to each section are shown in brackets.

Please note that the minimum Technical (also called Engineering) score to qualify is **70%**. All safe work procedures are mandatory and require a minimum of 70% for each of them.

 Transmission Engineering Line Engineering Services (LES)		Engineering Tender Evaluation Returnable Form (Kendal- Tutuka 400 kV loose guy wire repair)				Template No.: Template Rev: Document No.: Document Rev:	240-141157901 3 <b>LES1565.</b> 1
Name of Project:		Kendal- Tutuka 400 kV loose guy wire repair				Name of Supplier:	
Item	Description	Select Option	Tick Applicable Box	Score by Evaluator	Weighting	Details to be submitted in engineering returnables file	Comments from Evaluator
1	Specify the registration and power line experience of the proposed Professionally registered <b>LAND SURVEYOR</b> to be used. (requirements: SAGC registered as engineering surveyor or professional engineering surveyor or professional land surveyor)	No Registration (0)			5%	Provide name & professional registration and list power line projects as surveyor.	
		Registered with no power line experience (2)					
		Registered with one power line project experience (4)					
		Registered with two or more power line project experience (5)					
2,1	Specify the valid professional registration and power line experience of the proposed <b>SOIL PROFILER</b> to be used. (requirement: Engineering Geologist with Pr. Nat. Sci. registered with SACNASP or ECSA registered Civil Engineer/Technologist with Pr. Eng. or Pr. Tech. Eng.).	No Registration (0)			5%	Provide name & valid professional registration certificate of the person and traceable list power line projects as soil profiler (i.e. Project Name, Year of project, Project Details, Reference, Reference contact number)	
		Registered with no power line projects experience (2)					
		Registered with one to two power line projects experience (4)					
		Registered with one or more power line projects experience (5)					
2,2	Specify the registration and power line experience of the proposed <b>FOUNDATION DESIGNER</b> to be used. (requirement: ECSA registered Pr. Eng. or Pr. Tech. Eng. (Civil/Structural), also to be responsible for signing off safe work procedures)	No Registration (0)			15%	Provide name, registration and list power line projects as foundation designer and person responsible for compiling the safe work procedure	
		Registered (2)					
		Registered with one power line project experience (4)					
		Registered with two or more power line projects experience (5)					
2,3	Specify the experience of the proposed <b>FOUNDATION SITE SUPERVISOR</b> to be used (requirement: <u>at least two</u> transmission power line project experience as a foundation supervisor)	No experience (0)			10%	Provide name and list power line projects as foundation supervisor	
		Two power line projects (4)					
		Three or more power line projects (5)					
3,1	Specify the registration and experience related to transmission power lines of the proposed <b>TEMPORARY WORKS DESIGNER</b> and the proposed SWP compiler for Guy wire and anchor installation/adjustments and backstay designs, supporting of tower etc. (requirement: ECSA registered Pr. Eng. or Pr. Tech. Eng. and also to be responsible for signing off safe work procedures)	No Registration (0)			10%	Provide name, registration certificate(s) and list of the power line projects done by the temporary works designer and the SWP compiler.	
		Registration with no experience (2)					
		Registered with one power line project experience (4)					
		Registered with two or more power line projects experience (5)					
3,2	Provide signed letter of commitment from the proposed supplier/fabricator for tower Guy anchor Stub	No submission (0)			5%	Provide signed letter of commitment from the supplier/fabricator	
		Signed letter of commitment provided (5)					
4,1	Specify certification and experience of proposed <b>earthing safety supervisor</b> . (requirement: HV regs responsible person with power line safety earthing experience, also to be responsible for signing off safe work procedure)	No Certification (0)			5%	Provide name, certification level and list power line projects where earthing safety practices was done	
		Certified with no experience (2)					
		Certified with one power line project experience (4)					
		Certified with two or more power line projects experience (5)					
4,2	Staff with relevant ORHVS authorisations	Nothing provided (0)			5%	Provide name, certification level and list power line projects where the relevant ORHVS practice was done	
		Staff with relevant ORVHS authorisation (5)					

5	Provide a/full method statement with all risks and mitigations for all aspects of the following sections (Provide pictures and drawings explaining the procedures): Inspection of the guyed anchor foundations Cleaning of corroded members Hardware inspection Deadman foundation construction Assessment of corrosion Re-tensioning/adjusting of tension of tower guy wires Excavation Splicing of links Slump test and cube tests Pouring of concrete, curing and finishing Soil compaction and backfill Highlight the risks and mitigations that may be encountered during construction Earthing of equipment and plant during all activities Backstaying of guy anchors Transferring hardware and stay assembly to the new foundations	No method statement/SWP provided (0)			20%	A full method statement and safe working procedures with risks and mitigations	
		Method statement/SWP provided without risks and mitigations/incomplete set (2)					
		All Method statement/SWP provided with risks and mitigations, not all sub-activities are covered (4)					
		All Method statements/SWP for all sub-activities, risks and mitigations have been provided. (5)					
6,1	Have you constructed transmission lines on a minimum 400 kV level in the past 3 years?	No (0)			10%	Provide list of power line projects where, foundations, towers and stringing has been performed as well as the role (main contractor/sub contractor)	
		Yes as a subcontractor (2)					
		Yes as a main contractor (5)					
6,2	Provide a Professionally registered project manager (SACPCMP) with minimum 400 kV power line experience?	No Registration (0)			5%	Provide name, registration and list power line projects as project manager	
		Registered with no experience (2)					
		Registered with one power line project experience (4)					
		Registered with over two power line project experience (5)					
6,3	Provide a registered Professionally registered construction site manager with minimum 400 kV power line experience? (SACPCMP)	No Registration(0)			5%	Provide name, registration and list power line projects as construction site manager	
		Registered with no experience (2)					
		Registered with one power line project experience (4)					
		Registered with over two power line project experience (5)					
				0%	100%		
<b>A total of 70% or higher is required to pass this engineering tender evaluation</b>							
<b>I HAVE READ AND UNDERSTOOD ALL REQUIREMENTS OF THE TRANSMISSION LINE SPECIFICATION, TRMSCAAC AND OTHER REFERENCED SPECIFICATIONS AND AGREE TO ADHERE TO THESE.</b>							
Technical Tender Returnable Form Populated by:							
Signature:							
Date:							
Overall Comments by Evaluator:							
Evaluated by		Reviewed by		Authorised by LES Senior Manager			
Name of Evaluator:		Name of Reviewer:		Name of Authoriser:			
Signature of Evaluator:		Signature of Reviewer:		Signature of Authoriser:			
Date:		Date:		Date:			

Score	(%)	Definition
5	100	<b>COMPLIANT</b> <ul style="list-style-type: none"> <li>• Meet technical requirement(s) AND;</li> <li>• No foreseen technical risk(s) in meeting technical requirements.</li> </ul>
4	80	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> Meet technical requirement(s) with; <ul style="list-style-type: none"> <li>• Acceptable technical risk(s) AND/OR;</li> <li>• Acceptable exceptions AND/OR;</li> <li>• Acceptable conditions.</li> </ul>
2	40	<b>NON-COMPLIANT</b> <ul style="list-style-type: none"> <li>• Does not meet technical requirement(s) AND/OR;</li> <li>• Unacceptable technical risk(s) AND/OR;</li> <li>• Unacceptable exceptions AND/OR;</li> <li>• Unacceptable conditions.</li> </ul>
0	0	<b>TOTALLY DEFICIENT OR NON-RESPONSIVE</b>
<b>Note 1:</b> The scoring table does not allow for scoring of 1 and 3. <b>Note 2:</b> Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

**Clarification Notes:**

1. It is important to file all documents properly, in separate sections of the file. Clearly mark the sections. (Section 1 -6)
2. Not providing the supporting documentation will result in a ZERO score for that particular question.
3. ECSA is preferred but other equivalent (ECSA acceptable) registrations will be considered.
4. SWP - Safe Works Procedure
5. Please note that if the relevant registered professional mentioned above, changes, the profile of the person taking up this post as a replacement must have an equivalent profile as outlined above.