

Title: **Arnot - Kendal 400 kV Line T227 Specialised Rock Engineering Assessment of Undermined Land Engineering Tender Evaluation Returnables**

Template Unique Identifier: **240-141157901**

Template Revision: **6**

Project Unique Identifier: **LES-GP-247**

Document Unique Identifier: **LES2605**

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Disclosure Classification: **CONTROLLED
DISCLOSURE**

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ENGINEERING TENDER EVALUATION CRITERIA

Arnot - Kendal 400 kV Line T227 Specialised Rock Engineering Assessment of Undermined Land

List of ENGINEERING returnables:

Please submit all engineering documentation described in the notes below. Submission to be made in a separate, standalone file clearly marked **Engineering Tender Returnables: Arnot - Kendal 400 kV Line T227 Specialised Rock Engineering Assessment of Undermined Land** i.e., the information submitted must only be related to Engineering and not to SHEQ.

Please note that the minimum required percentage (or score) to pass the Engineering evaluation is **70%**

This evaluation will be done purely on the documentation provided; however, Eskom NTCSA reserves the right to conduct scheduled or unscheduled visits to offices, factories and construction sites.

Please note that the following are to be supplied by the contractor:

1. Technical Proposal

Item identifies approach to the requested scope of works and assists in evaluating the method which will be applied by the professional individual to assess and report on the scope of works.

2. CV & qualifications of key personnel

Item identifies relevant qualification and experience profile to demonstrate level of experience of resource.

3. Relevant experience

Item identifies tenderers familiarity with items outlined within required scope of works in practical application. Item provides valid technical qualifications

4. List of Verifiable References

Items identifies list of verifiable relevant references. This includes as a minimum Project Name, Brief Project Description, Valid traceable contact details.

Eskom NTCSA will provide Thermal & Colour Ortho-Imagery Data, PDF/DGN Maps: Undermining, Conceptual Foundation Drawing, Tower Drawings and Line Profile details.

		Engineering Tender Evaluation Returnables		Document Identifier	240-141157901	Rev	6	
				LES Document Number	LES2605	Rev	1	
				LES Project Number			LES-GP-247	
				Effective Date			July 2024	
				Review Date			July 2027	
				Arnot - Kendal 400 kV Line T227 Specialised Rock Engineering Assessment of Undermined Land		Name of Supplier:		
Name of Evaluator:								
Item	Description	Select Option	Score by Evaluator	Details to be submitted in engineering returnables file	Comments from Evaluator	Name and signature of Evaluator		
1.1	Contractor must display relevant experience in assessment and risk mitigation of ground subsidence and coal combustion caused by undermining for Eskom/NTCSA Transmissions powerlines.	CRITERIA MET (YES)	YES/NO	Contractor supplies the following: 1. CV indicating: a. experience in Surface and Underground Mining of Coal/Ore b. experience in assessment of surface subsidence or sinkholes as result of undermining for Eskom/NTCSA Transmission Powerlines 2. Traceable references for works		Name of Evaluator: Signature of Evaluator:		
		CRITERIA NOT MET (NO)						
1.2	Contractor must have required valid technical qualifications	CRITERIA MET (YES)	YES/NO	Contractor supplies the following (as a minimum): 1. Member of SANIRE (South African National Institute for Rock Engineering) a. Preferable - Member of good standing with SAIMM (South African Institute of Mining and Metallurgy) b. Preferable - Chamber of Mines Certificate in Rock Mechanics/Engineering which includes Surface and Underground Mining		Name of Evaluator: Signature of Evaluator:		
		CRITERIA NOT MET(NO)						
			PASS/FAIL					
CONTRACTOR MUST MEET ALL MANDATORY CRITERIA, Note: A response of “NO” to any of the Mandatory Evaluation Criteria would results in immediate disqualification of the Tender and discontinue further evaluation								

Clarification Notes:

1. It is important to file all documents properly, in separate sections of the file.
2. Not providing the supporting documentation will result in a ZERO score for that particular question.

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Name of Evaluator:									

Item	Description	Select Option	Weighting	Score by Evaluator	Sub-section score	Details to be submitted in engineering returnables file	Comments from Evaluator
1	Technical proposal for the works as described in the Scope of Works. Technical proposal indicates Scope to be undertaken, compliance with relevant standards and guidelines, methodology, proposed additional studies (if required).	No technical proposal submitted (0)	30%	0	0%	Provide: 1. Technical proposal	
		Technical proposal does not contain methodology of approach OR Technical proposal reiterates scope of works (2)					
		Technical proposal describes role of key personnel and includes some details on approach of fieldworks and investigations (4)					
		Technical proposal details fully how scope will be met and provides comprehensive methodology of approach (5)					
2	Contractor must display relevant experience in assessment and risk mitigation of ground subsidence or sinkholes caused by undermining for Eskom/NTCSA Transmissions powerlines (At least 1 successfully completed project last 10 to 15 years for minimum scoring).	Projects completed >15 years ago (0)	35%	0	0%	Provide: 1. CV & Project List with Project Details indicating: a. experience in Surface and Underground Mining of Coal/Ore b. experience in assessment of surface subsidence or sinkholes as result of undermining for Eskom/ NTCSA Transmission Powerlines 2. Traceable references for works	
		Completed 1 or more project within ≥10 to 15 years (2)					
		Completed 1 or more project within last >7 to < 10 years (4)					
		Completed 1 or more projects within last ≤ 7 years (5)					
3	Contractor must have required valid technical qualifications: 1. Required - Member of SANIRE (South African National Institute for Rock Engineering) a. Preferable - Member of good standing with SAIMM (South African I Institute of Mining and Metallurgy) b. Preferable - Chamber of Mines Certificate in Rock Mechanics/Engineering which includes Surface and Underground Mining	SANIRE Qualification with < 5 years of experience (0)	35%	0	0%	Provide: 1. CV indicating relevant technical qualifications: 1. Member of SANIRE (South African National Institute for Rock Engineering) a. Preferable - Member of good standing with SAIMM (South African I Institute of Mining and Metallurgy) b. Preferable - Chamber of Mines Certificate in Rock Mechanics/Engineering which includes Surface and Underground Mining	
		SANIRE Qualification with 5 to 10 years of experience (2)					
		SANIRE Qualification with >10 years of experience (4)					
		SANIRE Qualification with >10 years of experience & at least one (1) preferable qualification (5)					
			100%	0%	0%		
A total of 70% or higher is required to pass this section of the evaluation.							

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS • Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR • Acceptable conditions.
2	40	NON-COMPLIANT • Does not meet technical requirement(s) AND/OR; • Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions.
0	0	TOTALLY DEFICIENT OR NON-RESPONSIVE
Note 1: The scoring table does not allow for scoring of 1 and 3.		

Clarification Notes:

1. It is important to file all documents properly, in separate sections of the file. Clearly mark the sections.
2. Not providing the supporting documentation will result in a ZERO score for that particular question.
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 a

