Eskom National Transmission Company South Africa ™	**Guideline**	**National Transmission Company South Africa**

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1. Introduction

This document establishes the technical evaluation criteria for the evaluation of the tenders that will be received in response to the request to tender for the civil works to be done at Transmission Substations. It is a high-level consideration of the key aspects that will give direction to the technical evaluation process. It is in accordance with the Tender Engineering Evaluation Procedure (240-48929482) [4]

2. Supporting Clauses

2.1 Scope

This evaluation criteria document applies to all civil engineering aspects of the Transmission Substations

2.1.1 Purpose

The purpose of this document is to establish a standardized framework for assessing the technical capabilities and compliance of the civil works proposals.

2.1.2 Applicability

This document shall apply throughout Eskom Holdings Limited Divisions/ National Transmission Company South Africa SOC Ltd Reg No 2021/539129/30.

2.1.3 Effective date

The date from which the document is effective is from the authorisation date.

2.2 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

[1] ISO 9001 Quality Management Systems

[2] OHS Act, 1993: Construction Regulations, 2014

[3] SANS 1200: Standard Specification for Civil Engineering Construction

[4] 240-48929482: Tender Engineering Evaluation Procedure

2.2.2 Informative

None

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2.3 Definitions

2.3.1 Controlled Disclosure: Controlled Disclosure to external parties (either enforced by law, or discretionary)

2.3.2 Tender: A written competitive offer, quotation, proposal made by the supplier in a prescribed or stipulated form in response to an invitation to tender/competitive enquire for provision of assets/goods or services and or the disposal thereof.

2.4 Abbreviations

Abbreviation	Explanation
CV	Curriculum Vitae
EDWL	Engineering Design Work Lead
LDE	Lead Discipline Engineer
N/A	Not Applicable
OHSA	Occupational Health and Safety Act
SANS	South African National Standards
TET	Technical Evaluation Team

2.5 Roles and Responsibilities

Engineering Manager: All Engineering Managers throughout Eskom shall ensure that all staff, in their respective areas understand and adhere to this procedure.

Engineering Design Work Lead (EDWL): The EDWL is responsible to manage the execution and adherence to this procedure. Typically, on New Build projects the EDWL role is fulfilled by the Lead Discipline Engineer (LDE) and in existing asset projects the EDWL role is fulfilled by the relevant System Engineer/plant Engineer.

Technical Evaluation Team (TET) member: The delegated engineers/technical specialists who are responsible to review and evaluate technical aspects of the tender documentation as per the Tender Technical Evaluation Strategy.

2.6 Process for Monitoring

N/A

2.7 Related/Supporting Documents

N/A

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3. Tender Technical Evaluation Criteria

3.1 Scope of Work

The following is a high-level applicable scope of work ticked, refer to a detailed scope of work document for the tendered project:

Scope	Applicable
Foundations and/or plinths	X
Cable Trenches	
Earthworks/Terrace	
Roads	
Drainage	
Yard stone	X
Buildings	
Fencing	
Steelwork (i.e. Main columns and beams, equipment support and/or floodlight mast)	X
Security Lighting	
Earthmat & Earthtails	X
Substation Electrical in Buildings (i.e. Lighting installation, ventilation installation and/or electrical installation-DB)	

3.2 Technical Evaluation Threshold

The minimum weighted final score (Threshold) required for a tender to be considered from a technical perspective is 70%. The tenderers will be evaluated using the criteria listed in section 3.3. Each criterion is allocated a weight. An overall scoring will be given for each tenderer. The overall score is a sum of the individual scores allocated for each criterion.

3.3 Qualitative technical Evaluation Criteria

Compliant tenders will be evaluated against a set of weighted qualitative evaluation criteria. The evaluation criterion has been broken down into sections and a percentage weighting has been allocated to each section. Percentage weighting summary figures is indicated in the table below:

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Table 1: Qualitative Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable (Shall be used in conjunction with strategy)	Criteria Weighting (%)	Criteria Sub Weighting (%)	Score Clarification
1.	Construction Program/technical Schedule:			**20**		
	1.1	A program with the order in which main activities will be done			60	All activities listed in order = 5, Few irrelevant activities or few missing = 4, Missing a lot of activities or mostly irrelevant = 2, no submission = 0
	1.2	Time durations of main activities from start to end			40	Duration make sense within the communicated start and end date of the project = 5, Only dates provided or only duration provided = 4, No dates or duration specified = 0
2.				**30**		

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	2.1	Relevant method statement with a description of how the main activities will be constructed			100	Relevant, well detailed and all required submitted = 5(if any irrelevant submitted, to be ignored), Missing 20% of the required or few important steps/activities missed = 4, Mostly irrelevant submitted and with very few relevant or basic submitted =2, Irrelevant or none provided = 0
3.	List of Subcontractors			**10**		
	3.1	Any company supplying material, plant and equipment that the contractor may hire. List company with the material, plant and equipment which they are supplying			40	All companies with all relevant material, plant and/or equipment listed = 5, Few supplies missing = 4, Only companies listed or only material listed = 2, No submission = 0
	3.2	Specify if there will be any company/contractor performing any construction work not done by the main contractor			60	Specified if there will be a subcontractor and specified which construction work or specified no subcontractor = 5, Only specified if there will be a Subcontractor = 2, None provided = 0
4.		List of Tools, Plant and Machinery		**10**		
	4.1	All relevant earthing tools, plant and machinery to be used during construction owned by the contractor. (All hired to be included in the list of subcontractor)			100	All relevant listed and indicated if owned = 5, Few missing = 4, Mostly irrelevant = 2, None provided = 0
5.		Relevant Previous Projects Completed		**20**		

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	5.1	List of relevant and comparable previous projects executed successfully With similar scope in a table format.			60	>5 Projects = 5; 4 to 2 projects = 4; 1 project = 2 ; none provided = 0
	5.2	Each project to include project description scope, completion date and client contact person and details. A completion letter to be submitted for each project listed.			30	Well defined project scope, completion date and client contact person details provided (When all 3 requirements are provided) = 5 ; When any of project scope, completion date or client contact person and details is missing (When only 2 requirements are provided = 4; When one of project scope , completion date and client contact person and details is provided (When only one of the requirements is provided) = 2 ; None provided = 0
	5.3	Copies of completion certificates			10	All completion certificates for the mentioned projects in 5.1 provided = 5 ; Missing any of the mentioned projects in 5.1 = 4 ; Missing more than half of the projects mentioned in 5.1 = 2 ; none provided = 0
6.		CV's and Qualifications of Key Personnel		**10**		
	6.1	CV's of Site Manager/Site Agent and Site Supervisor			30	All required CVs provided = 5 ; Missing 1 CV = 4 ; none provided = 0
	6.2	CV's to include academic qualifications and experience of key personnel detailing relevant project specific work experience Qualifications: Site manager/Site agent- BSc/BTech Civil			60	All personnel meet the minimum qualification and experience = 5. (All key personnel to meet minimum requirements to achieve maximum score); Any of key personnel not meeting the required qualification or experience = 4 Any of the key personnel not meeting the required qualification and experience = 2

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		Engineering Degree plus 7 years experience Site Supervisor – Civil Engineering National Diploma plus 5 Years experience				
	6.3	Proof/copies of certified academic qualifications			10	All qualifications mentioned in 6.1 & 6.2 provided = 5 (if all certified = 5 and not certified = 2) “Uncertified documents cannot be verified and therefore will results in documents not being accepted”. Results in low score
				TOTAL: 100		

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The scoring for each tender will be done as per the scoring table shown below. This table is as per the requirements of Tender Engineering Evaluation Procedure [4].

Table 2: Evaluation Scoring Table

Score	Percentage	Definition
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. **Note 2**: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

3.4 Technical Returnable

The technical returnable/qualitative technical criteria description shall follow the same numbering sequence as per this evaluation criteria.

The following documents shall be submitted when tendering:

1. Construction program/technical schedule. A program with the order in which main activities will be done with time durations from start to end.
2. Construction method statements (including detailed step-by-step procedures) for all applicable scope ticked from section 3.1.

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The following to form part of the method statements if the scope of work include the concrete works:

- Method of Concrete Mix

The contractor to specify the method of concrete placement, batching on site or supply of ready mix.

If Batching – The contractor to provide the following:

- Concrete mix design,
- Aggregate to be used,
- Location/supplier of aggregate, and
- Mixing and testing to be included in the method statement.

If Ready Mix – The contractor to provide the following:

- The supplier of ready mix and the distance from site,
- Method on how results (and what results) will be obtained from the supplier, and
- Method on how concrete will be tested on site.

- Method of steel erection: (where the crane is required)

If the contractor specified that he/she will not subcontract the steel erection, he/she should specify there is a qualified rigger and crane operator to perform the work.

If the contractor does not have a qualified rigger, he/she must specify that there will be a subcontractor company responsible for steelwork in this section or under list of subcontractor section.

3. List of subcontractors
4. List of tools, plant and machinery
5. List of relevant and comparable previous projects completed. The list shall include project scope, substation name (if any), completion date, project value and client contact person and details. The contractor shall further include any concessions made during each project execution.
6. List of key personnel, their experiences (include CV detailing project-specific work experience for each employee) and academic qualifications. Also include total number of manpower to be dedicated to this project.

3.5 TET Members

TET members will be confirmed closer to the evaluations

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4. Acceptance

This document has been seen and accepted by:

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5. Revisions

Date	Rev.	Compiler	Remarks
May 2025	5	TL Mathe	This document is compiled to align with the new Guideline template
August 2024	4	TL Mathe	Score clarification added to Table 1 section 1 to 4
February 2023	3	TL Mathe	Score clarification added to Table 1 section 5 and 6
November 2018	2	TL Mathe	Table 1 updated
December 2017	1	TL Mathe	First issue

6. Development Team

The following people were involved in the development of this document:

- Thato Mathe

7. Acknowledgements

None

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