Eskom	Strategy	Engineering

Title: **Tender Technical Evaluation Strategy for the Medupi Emergency Preparedness Public Address System Project**

Unique Identifier:	**348- 10072377**
Alternative Reference Number:	**N/A**
Area of Applicability:	**Engineering**
Documentation Type:	**Strategy**
Revision:	**2**
Total Pages:	**22**
Next Review Date:	**N/A**
Disclosure Classification:	**CONTROLLED DISCLOSURE**

Compiled by	Functional Responsibility	Authorised by
……..	……..	p.p ……..
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Date: 2024/04/10	Date: 2024-04-11	Date: 2024-05-06

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1. INTRODUCTION

Medupi power Station requires the design, supply, erection (and / or installation) and commissioning of a station wide public address (PA) system as part of the emergency preparedness and response plan. The PA system will primarily be used to broadcast informative and guidance voice instructions during the course of an emergency to ensure correct implementation of the emergency response plan. In addition, the PA system can be used to make normal announcements and play background music when required. The complete work is detailed as per [3]. This document sets out the method and criteria that will be used to evaluate the tenders that will result from the procurement process.

This Technical Evaluation Strategy (TES) document covers two areas for evaluation:

- EN54 Compliant Option Evaluation
- Alternative Options not necessarily compliant with EN54 but compliant to an equivalent standard Evaluation which can exclude background music (BGM).

The Tenderer can either respond to the evaluation criteria under:

- Section 5.1 **OR**
- Section 5.2

2. SUPPORTING CLAUSES

2.1 SCOPE

This strategy defines the Technical Evaluation Team (TET), their responsibilities and the criteria to be used to evaluate the Medupi EPPA scope of work.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This strategy document applies to the engineering team working on the Medupi EPPA project.

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] 240-48929482: Tender Technical Evaluation Procedure

[2] 32-1034: Eskom Procurement Policy

[3] 348-9971909: Technical Specification for Medupi Power Station Emergency Preparedness Public Address System Project

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation & Acronyms	Description
BGM	Background Music
C&I	Control & Instrumentation
CBMS	Centralized Building Management System
CIBD	Construction Industry Development Board
CMD	Construction Management Department
DCS	Distributed Control System
DVC	Digital Voice Command
ECSA	Engineering Council of South Africa
EDWL	Engineering Design Work Lead
EMP	Environmental Management Plan
EN	European Norm
EN54	European Norm – Voice Alarm Power Supply Equipment; Voice Alarm and Indicating Equipment; Loudspeaker Equipment
EOC	Emergency Operations Centre
EOD	Electrical Operating Desk
EPPA	Emergency Preparedness Public Address System
FAT	Factory Acceptance Test
HMI	Human Machine Interface
IP	Ingress Protection
ISO	International Standard
LDE	Lead Discipline Engineer
NTT	Notes To Tender
OEM	Original Equipment Manufacturer
OHSAct	Occupational, Health and Safety Act

Abbreviation & Acronyms	Description
PA	Public Address
PEC	Professional Engineering Certificate
PEIC	Production, Engineering, Integration, Coal
PS	Power Station
PSM	Power Station Manager
SANAS	South African National Accreditation System
SANS	South African National Standard
SHE	Safety, Health & Environmental
SIT	Site Integration Test
SPL	Sound Pressure Level
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team
UPS	Uninterrupted Power Supply
VDSS	Vendor Documentation Submittal Schedule

2.5 ROLES AND RESPONSIBILITIES

Compiler	The document compiler is responsible for ensuring that this document is up-to-date and that this document is not a duplication of an existing documentation, regarding the document's objectives and content.
Functional Responsibility	The Functional Responsible Person shall determine if the document is fit for purpose, before the document is submitted for authorisation.
Authoriser	The document authoriser is a duly delegated person with the responsibility to review the document for alignment to business strategy, policy, objectives and requirements. He/she shall authorise the release and application of the document.
Lead Discipline Engineers	Provide input to the technical tender evaluation strategy and associated engineering activities.
Configuration Management Lead	Is accountable for ensuring that the engineering documentation, engineering systems and databases are correctly configured. As part of this role, the Configuration Practitioner is responsible for the development of the configuration management plan; configuration and management of the PBS and the management of plant item Tags.

Other relevant Roles and Responsibilities are defined in section 2.6 of the document 240-168966153 Generation Technical Tender Evaluation Procedure.

2.6 PROCESS FOR MONITORING

The primary process for monitoring will be governed by Design Review Procedure (240-53113685), this entails assuring that the design achieves the requirements set out in this document. Any changes to this document will be performed as per Project Engineering Change Management Procedure (240-53114002).

2.7 RELATED/SUPPORTING DOCUMENTS

Please refer to Section 2.2.

3. TENDER TECHNICAL EVALUATION STRATEGY

Mandatory Technical Evaluation Criteria (gatekeepers) are a 'must meet' criteria. These criteria shall not be weighted or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion. The evaluation of tenders will be based on the tenderer's ability to meet the requirements specified the Medupi EPPA Technical Specification [3].

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%. The following scoring method will be used.

Table 1: Scoring Method

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**

4. TET MEMBERS

Table 2: TET Members

TET number	Designation	Name and Surname
TET 1	LDE: Configuration Management	Mandla Patrick Nkosi
TET 2	Configuration Technician	Thokozani Mngomezulu
TET 3	Lead Discipline Engineer: C&I Engineering	Mdu Shozi
TET 4	Engineer: C&I Engineering	Ranwedzi Ramutsindela
TET 5	Lead Discipline Engineer: Electrical Engineering	Mpho Ramunenyiwa
TET 6	Engineer: Electrical Engineering	Rethabile Rateronko
TET 7	Chief Technologist Engineering: Civil Engineering	Willie Beetge
TET 8	Engineer: Civil Engineering	Thomas Chambale
TET 9	Engineering Design Work Lead	Zak Jiyane

5. TECHNICAL EVALUATION CRITERIA

5.1 PRIMARY OPTION TECHNICAL EVALUATION CRITERIA

5.1.1 Mandatory Technical Evaluation Criteria

In order to be eligible for evaluation the tenderer shall meet the gatekeepers specified on the table below:

Table 3: Primary Option Mandatory Evaluation Criteria

5.1.1	Mandatory Technical Criteria Description	Source of Evidence	Motivation for use of Criteria
1.	EN54 Certification of Equipment supplied	• EN54 Certification	Design and Manufacturing integrity
2.	ECSA Registered professional Civil and Electrical Engineer/Technologist	• Copy of ECSA Registration certificate (registration status must be active)	Statutory requirement for the certification of civil\structural and electrical works

5.1.2 Qualitative Technical Evaluation Criteria

Notes to tenderer:

1. An undertaking is required that resources identified would not be changed on award of the Contract and if there is a change, only resources with the same level of experience and competency or higher should be used and the Employer must approve such a change.
2. The CV's of Key Personnel should have experience which is comparable in nature to the Works specified in this tender.
3. It is a requirement that the key personnel, in particular, have good communication skills in the English language.
4. Where no information is offered by the Tenderer 0 points shall be scored.

5.1.2.1 General (10%)

Table 4: Primary Option Qualitative Evaluation Criteria

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
5.1.2.1	**General Evaluation Criteria**	**10%**			
i.	Company's background and experience in PA systems or emergency evacuation systems or fire and emergency systems.		5%	Demonstrate experience on similar projects. Provide References or Testimonials or Completion Certificates for completed projects in the past 10 years consisting of the following information: • Name of company where project was executed • Project Description • Construction period • Contract value • Contact person The Tenderer shall provide the above information on the provided template (Appendix A)	5 = 100% • 100% of Tender Returnables with relevant information received AND • Meet technical requirement(s)/AND • No foreseen technical risk(s) in meeting technical requirements. 4 = 80% • 80% of Tender Returnables with relevant information received AND • Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions. 2 = 40% • 40% of Tender Returnables with relevant information received AND • 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
ii.	Project Execution Plan		2%	Demonstrate how tenderer intend on executing the project by specified target date by providing the following information for evaluation purposes: 1) Provide typical project methodology document detailing how the Tenderer proposes to execute the Works, including de-commissioning, dismantling, transport, design, manufacture, delivery, erection, commissioning, and handover.	
iii.	Organogram		2%	1) Provide organogram of key personnel of the main contractor. Organogram should include management team, project Manager, design team, site personnel for construction, configuration, document management and SHEQ team as minimum. The Tenderer shall also demonstrate how tenderer's Sub-Contractor and suppliers shall interface with the project management team. Typical organogram will include above with responsible person in each role.	
iv.	Project Programme		1%	Demonstrate how tenderer intend on executing the project by specified target date by providing the following information for evaluation purposes: 1) High level programme with key milestones (design, construction, commissioning, and testing).	

5.1.2.2 Control and Instrumentation Evaluation Criteria (70%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
5.1.2.2	**C&I Evaluation Criteria:**	**70%**			
i.	Professional Registered C&I/Electronics Technologist/ Engineer with a track record of 5 completed projects and 5 years professional working experience as a minimum; for design, construction, and commissioning of Emergency Evacuation/Public Address Systems		3%	• Certified copy of qualifications (Certificates) and Certified copy ECSA Certificate (Pr Eng/ Pr Technologist Eng) • CV with reference to 5 completed projects and 5 years professional working experience for design, construction, and commissioning of Emergency Evacuation / Public Address / Fire and Emergency Systems. References must include Order Numbers/ Project Number and also contact person with contact details	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
ii.	System Architecture		5%	Concept System Architecture Drawing • Showing all components of the system • Redundancy implemented	
iii.	Equipment Schedule		4%	• Completed equipment schedule as per supplied template. Use Appendix_H_Equipment_Schedule and Hardware Inventory List of the Technical Specification document 348-9971909 • All supplied equipment datasheets (i.e. amplifiers, speakers, horns, etc.)	
iv.	Concept Building Schedule showing location of equipment supplied		5%	Completed Building Schedule as per supplied template. Use Appendix_D4_Building List of the Technical Specification document 348-9971909 • Showing location of all equipment supplied • also showing that all specified zones are covered	
v.	Overall Integrated System Operating Manual or Philosophy		5%	Concept operating philosophy or manual for the whole integrated system including explanation of how the below are achieved: • selection of zones and broadcasting only on selected zones • switch-over to redundant systems • testing of the system	
vi.	Industrial and Safety Assessment capabilities or history		4%	Examples of Previous Industrial and safety Assessment Completed	
vii.	Cabling (copper and fibre optic) concept		4%	• Network cabling concept • Terminal Units cabling concept	

viii.	EN54 Certificate of Compliance of Equipment Supplied		20%	EN54 Compliance Certificate for • Power Supply Equipment; • Voice Alarm and Indicating Equipment (Control consoles and call stations); • Loudspeaker Equipment	
ix.	Call Station Supplied compliance to Requirement as set out in EPPA Technical Specification [3].		4%	Call Station Brochures and Datasheets and any other material	
x.	Network and Computer Equipment supplied compliance to Requirement as set out in EPPA Technical Specification [3].		4%	Network and Computer Brochures and Datasheets and any other material. Section 3.4.5 and 3.4.6 of the Technical Specification document 348-9971909	
xi.	Terminal Equipment supplied compliance to Requirement as set out in EPPA Technical Specification [3].		4%	Terminal Unit (power amplifier, loudspeaker or visual warning sign) Brochures and Datasheets and any other material	
xii.	Software supplied with system and software that runs the system – including terms for licence supplied		4%	Description of software and licence terms for • System manager software • User management software • Other software supplied	
xiii.	Training to be Provided compliance to Requirement as set out in EPPA Technical Specification [3].		4%	Concept/Sample Training Manual inclusive of the Main Topics to be covered during training	

5.1.2.3 Consolidated Building Management Evaluation Criteria (5%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
5.1.2.3	**CBMS Evaluation Criteria**	**5%**			
i.	Interfacing to existing installed CBMS optic fibres		5%	• Optic fibre cabling concept • Termination of fibre at interfacing points with CBMS	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

5.1.2.4 Electrical Evaluation Criteria (5%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
5.1.2.4	**Electrical criteria**	**5%**			

i.	Electrical Design Methodology or Method Statement		2%	The Contractor to provide a Method Statement detailing how the Electrical SOW will be managed and executed. The Method statement to cover following areas as a minimum: ➢ Brief interpretation/definition of the Electrical SOW by the Contractor. This needs to cover the details of the Electrical SOW as understood and interpreted by the Contractor. NB: do not copy paste from the Works Info. ➢ Design of all electrical works associated with the Project SOW, approach on electrical supply assessment, sizing of chargers/power manager, batteries, design of the power distribution, and sizing of cables.	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
ii.	Electrical Engineer Resources CVs		1%	The Contractor to provide Qualifications and CV of Electrical Engineering resources dedicated to the project. The experience of the resource needs to be relevant to the Project SOW. Thus provide: ➢ CV with relevant experience to the project ➢ Qualifications of the Electrical Engineer.	
iii.	Electrical Technician/Artisan Resources CVs		1%	The Contractor to provide Qualifications and CV of a registered Electrical Technician/Artisan with the Department of Labour. Thus, ➢ CV of the registered Electrical Technician/Artisan ➢ Qualifications of the Electrical Technician/Artisan ➢ Proof of registration with the Department of Labour	
iv.	Data sheets of Charger/UPS/Power Manager and Batteries		1%	The Contractor to provide the data sheet for the selected electrical equipment's. thus: ➢ Charger/UPS/Power manager compliance with EN 54 ➢ Standby batteries compliant with EN50272	

5.1.2.5 Civil Evaluation Criteria (5%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
5.1.2.5	**Civil criteria**	**5%**			
i.	Design Methodology; for new structures and assessment of already constructed buildings where needed.		2%	High level methodology indicating the following; - Where applicable; how the civil designer will assess and certify structural changes (loading conditions and any structural changes) required to already constructed buildings. - How the designer will ensure the design is in accordance with all requirements stipulated in the Medupi project specifications. - How the designer will integrate local site conditions, including geotechnical conditions, into the design	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
ii.	Outside Tower Design compliance to Requirement as set out in EPPA Technical Specification [3].		2%	High level conceptual drawings showing layouts and sections of buildings and structures.	
iii.	Construction Methodology detailing how the civil works will be executed including employer reviews and inspections and the designer ensuring design intent is achieved during construction.		1%	High level Quality Plan	

5.1.2.6 Configuration – and Document Management criteria (5%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)	Scoring Criteria
5.1.2.6	**Configuration – and Document Management Criteria**	**5%**			
i.	The contractor needs to provide the configuration management plan that will be implemented in line with the ISO 10007 Guidelines for Configuration Management.		2.0%	Provide Configuration Management Plan.	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.
ii.	The contractor must provide a portfolio of evidence that reflects quality of coding. The contractor's portfolio should contain a minimum of 3 years but not limited to evidence stating the number of years of experience they have with regards to coding. If a contractor feels they do not meet the minimum requirements, they can submit the portfolio of the sub-contractor that they will definitely use.		2.0%	Provide Portfolio of evidence reflecting number of years of Plant Codification experience.	

iii.	Quality Management Plan with regards to: • Plant Labelling Tools • Label Materials and Manufacturing. • Plant Labelling and Descriptions • Labels Attachments and Positioning.		1.0%	Provide Tools List and Inspection Sheets, ITP's before labels are installed, Method Statement to carry out the work onsite.	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

5.2 ALTERNATIVE OPTION TECHNICAL EVALUATION CRITERIA

5.2.1 Mandatory Technical Evaluation Criteria

In order to be eligible for evaluation the tenderer shall meet the gatekeepers specified on the table below:

	Mandatory Technical Criteria Description	**Source of Evidence Motivation**	**Motivation for use of Criteria**
i.	ECSA Registered professional Civil and Electrical Engineer/Technologist	Copy of ECSA Registration certificate (registration status must be active)	Statutory requirement for the certification of civil\structural and electrical works

5.2.2 Qualitative Technical Evaluation Criteria

5.2.2.1. Use same criteria as Primary Option except for item 5.1.2.2(viii) which is replaced by the below:

Table 5: Alternative Option Qualitative Evaluation Criteria

No	**Description**	**Weighting**	**Sub-weighting**	**Tender Returnable(s)**	**Scoring Criteria**
5.2.2.2	**C&I Criteria**				
viii	Alternative and similar Certificate of compliance other than EN54.			Alternate Compliance Certificate for • Power Supply Equipment; • Voice Alarm and Indicating Equipment (Control consoles and call stations); • Loudspeaker Equipment	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

6. TET MEMBER RESPONSIBILITIES

Table 6: TET Member Responsibilities

Mandatory Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET 8**	**TET 9**
5.1.1 (1)	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**
5.1.1 (2)			**X**	**X**	**X**	**X**	**X**	**X**	**X**
Primary Option Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET 8**	**TET 9**
5.1.2.1	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	**X**
5.1.2.2			**X**	**X**					
5.1.2.3			**X**	**X**					
5.1.2.4					**X**	**X**			
5.1.2.5							**X**	**X**	
5.1.2.6	**X**	**X**							
Alternative Option Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET 8**	**TET 9**
5.2.1.			**X**	**X**	**X**	**X**	**X**	**X**	**X**
5.2.2.2			**X**	**X**					

6.1 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

6.1.1 Risks

Table 7: Acceptable Technical Risks

Risk	Description
1.	On the alternative offer, Certificate of compliance such as NFPA Compliance Certificate
2.	In considering an alternative offer, there might be delays in completion of evaluations as the alternate offer is investigated against possible risks and benefits.

Table 8: Unacceptable Technical Risks

Risk	Description
1.	On the alternative offer, system that have no certification of compliance to an acceptable standard

6.1.2 Exceptions / Conditions

Table 9: Acceptable Technical Exceptions / Conditions

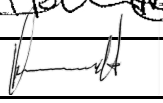
Risk	Description
1.	Accept deviation with technical qualification; but these then need to form input to price adjustments section.

Table 10: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Deviation without technical qualification not accepted

7. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation	Signature
Mandla Patrick Nkosi	LDE: Configuration Management	
Thokozani Mngomezulu	Configuration Technician	
Ranwedzi Ramutsindela	Engineer: C&I Engineering	
Mpho Ramunenyiwa	Lead Discipline Engineer: Electrical Engineering	
Rethabile Rateronko	Engineer: Electrical Engineering	
Willie Beetge	Chief Technologist Engineering: Civil Engineering	
Thomas Chambale	Engineer: Civil Engineering	

8. REVISIONS

Date	Rev.	Compiler	Remarks
June 2021	0	K. Shebe	First Draft
August 2021	1	K. Shebe	1. Philip Steyn's (who is late) role covered by Kgaugelo Shebe 2. Mandatory Requirement CIDB rating 6EP(PE) replaced by 7SF as Eskom currently has no systems in place to support PE requirements
January 2024	2	M Shozi	1. Updated TET members 2. Removed CIDB as it is addressed by commercial. Updated Electrical Evaluation Criteria. Added appendices references

9. DEVELOPMENT TEAM

All Technical Evaluation Team Members were involved with the development of this document.

10. APPENDICIES

Appendix A: Track record template guideline

NO	Client/Customer Details	Track Record Description					Comment
	Name of company where project was executed (Customer/Client name) *	**Project Description ***	**Construction Period ***	**Contract Value (in Rands)**	**Verifiable Reference (Contact person) (Tel/Cell/Mail/Address) ***	**Testimonial/ completion Certificate attached? ***	**Any additional Comments**
01							
02							
03							
04							
05							
06							
07							