Eskom	Strategy	Eskom Matla Power

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TABLES

1. INTRODUCTION

This document presents the tender technical evaluation strategy for Matla Power Station Slurry Plant Substation Heating Ventilation and Air Conditioning (HVAC) system replacement

The affected areas at Slurry Plant Substation are the following

- Switchgear Room
- C&I Equipment Room
- Battery Room

2. SUPPRTING CLAUSES

2.1 SCOPE

a) The scope of this strategy is limited to the replacement of the Matla Slurry Plant Substation Heating *Ventilation and Air Conditioning (HVAC) system replacement in the Switchgear Room*, C&I Equipment Room and Battery Room

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and Technical Evaluation Team (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 document is applicable to Matla Power Station Slurry Plant Substation Switchgear Room, C&I Equipment Room and Battery Room

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] MEA-07054 Slurry Plant Substation HVAC System Replacement Technical Specification

2.2.2 Informative

[4] ISO 9001 Quality Management Systems

2.3 DEFINITIONS

- N/A

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CoC	Certificate of Completion
C&I	Control & Instrumentation
CV	Curriculum Vitae
DX	Direct Expansion
ECSA	Engineering Council of South Africa
HVAC	Heating, Ventilation, and Air Conditioning
ISO	International Organisation for Standardisation
ITP	Inspection Test Plans
OEM	Original Equipment Manufacturer
O&M	Operations and Maintenance
TET	Technical Evaluation Team
QCP	Quality Control Plans

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

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 (240-53114026)

2.7 RELATED/SUPPORTING DOCUMENTS

- Please refer to Section 2 2

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether 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 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: Technical Scoring Methodology

SCORE	PERCENTAGE (%)	DESCRIPTION
5	100	**COMPLIANT** • Meet the technical requirement(s) AND, • No foreseen technical risk(s) in meeting technical requirements
4	80	**COMPLIANT WITH ASSOCIATED QUALIFICATIONS** • Meet the technical requirement(s) with, • Acceptable technical risks AND/OR, • Acceptable exceptions AND/OR, • Acceptable conditions
2	40	**NON-COMPLIANT** • Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR, • Unacceptable exceptions AND/OR, • Unacceptable conditions
0	0	***TOTALLY DEFICIENT/NON-RESPONSIVE***

3.2 TET MEMBERS

From each Engineering Discipline a Professional Registered Engineer/Technologist and one other member is to be part of the evaluation team

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Michael Tladi	Technologist Aux Engineering
TET 2	Thabiso Khumalo	Senior Engineer Aux Engineering
TET 3	Lindane Zwane	Electrical Engineer
TET 4	Johan Veldman	Senior Engineer Electrical
TET 5	Khumo Skosana	C&I Senior Advisor

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 3: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1	Background and Experience of similar completed projects that includes, as a minimum, the following Integrated *multidisciplinary design of all relevant* engineering disciplines (HVAC, Electrical, C&I, Civil, Structural, building etc), construction / modification / installation, certification *commissioning and testing of HVAC systems* for building services environment The scope of work comprises of Heating Ventilation and Air Conditioning System (HVAC), associated *electrical works* for complete HVAC system, associated controls, and accessories for complete HVAC Works, including Building Management System *(CBMS) interface, associated building and civil* works for complete HVAC Works, and Interfacing with fire detection system	Provide testimonial certificates or completion certificates of at least five (5) Multidisciplinary Projects similar to the scope of work The testimonial certificates or completion certificates is to consist of the following information a) Name of company where project was executed b) Project Description c) Construction period d) Verifiable reference (Contact person) • **Note 1:** Appointment letters will not be considered. • **Note 2:** *If item b, c and d is not indicated on the* testimonial certificate or completion certificates, the tender is to provide the information as an attachment to the testimonial certificate or completion certificate • **Note 3:** If the project description is not provided or not comparable to the SoW (integrated multidisciplinary, the testimonial or completion certificate will not be considered • **Note 4:** The Tender to complete Appendix A of this document	Previous similar work experience and capacity to perform the required work
2	Has the Tenderer confirmed all major equipment and devices offered is supplied by the Original Equipment Manufacturers (OEMs)?	A confirmation letter is to be provided by the tenderer *listing Original Equipment Manufacturers* (OEMs) details and technical data sheets of major equipment which includes Direct Expansion (DX) Package Units	a) Reliability of equipment and devices b) Warranty reservation

	A confirmation letter is to be provided by the tenderer • If the equipment concerned is manufactured under licence, the tenderer is to provide a proof of licence agreement made with the OEM The distributors or agents provide a copy of the contract agreement made with the OEM for the distribution of their equipment and the duration of the agreement should match that of the Contract		

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

The weight for the technical review will be 100% with a minimum threshold of 70% and will be based on the following

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Qualitative Evaluation Scoring			
1	**Engineering of the complete HVAC Works and Construction Supervision**		30		**0**	**2**	**4**	**5**
1.1	1-off Professional Registered Mechanical Technologist/Engineer with a track record of **five (5)** completed projects as a minimum, for design, construction, and commissioning of HVAC systems in building services environment	Tender returnable – CVs and ECSA certificate to be submitted with reference to **five (5)** completed projects for design, construction, and commissioning of HVAC systems in building services environment The Engineering of the complete HVAC works in terms of this Contract is to be executed by a qualified professional Technologist/Engineer who is a member of Engineering Council of South Africa (ECSA) or		50	3 years' working experience and no formal Mechanical BSc/Btech qualification or equivalent international acknowledgement	4 years working experience with Mechanical BSc/Btech qualification or equivalent international acknowledgement,	5 years working experience with Mechanical BSc/Btech qualification or equivalent international acknowledgeme	6 or more years working experience with Mechanical BSc/Btech qualification or equivalent international acknowledgement

		equivalent international acknowledgement						
1 2	1-off Professional Registered Electrical Technologist/ Engineer with a track record of **five (5)** completed projects as a minimum, for design, construction, and commissioning of Electrical systems in Power Station or building services environment	Tender returnable – CV and ECSA certificate to be submitted with reference to **five (5)** completed projects for design, construction, and commissioning of Electrical systems in building services environment		30	3 years working experience and no Electrical BSc/Btech qualification or equivalent international acknowledgeme nt	4 years working experience with Electrical BSc/Btech qualification or equivalent international acknowledgeme nt,	5 years working experience with Electrical BSc/Btech qualification or equivalent international acknowledgeme	6 or more years working experience with Electrical BSc/Btech qualification or equivalent international acknowledgemen t
1 3	1-off Professional Registered Civil or Structural Technologist /Engineer with a track record minimum of **5 years post ECSA Registration** in Design and construction of Civil and Structural Works in building services environment or related projects	Provide CV and ECSA certificate for the Professionally Registered Civil or Structural Technologist / Engineer that will provide Certification of structural modifications that might be required to concrete and steel structures as well as newly constructed infrastructure as defined in Scope of Work document The professional shall have a minimum of **5 years post**		20	Only CV or ECSA Certificate evidence provided and / or Experience does not match the role and responsibility of the Professionally Registered Engineer	CV and ECSA Certificate evidence provided BUT Experience does not match the role and responsibility of the Professionally Registered Engineer Experience is < 5 years post ECSA Registration and / or not relevant to requirements of project	CV and ECSA Certificate evidence provided WITH Experience that match the role and responsibility of the Professionally Registered Engineer Experience 5-10 years post ECSA Registration and relevant to	CV and ECSA Certificate evidence provided WITH Experience that match the role and responsibility of the Professionally Registered Engineer Experience 10 years or MORE post ECSA Registration and relevant to requirements of project

		ECSA registration with *design and construction* monitoring experience with relevant reference to the scope of work The number of years of experience as indicated above must be clearly indicated in the CV for actual projects that the professional has been responsible for					requirements of project	
2	**Construction of the complete HVAC works**		30		**0**	**2**	**4**	**5**
2 1	1-off Site Manager qualification and experience on similar projects The Site Manager is the person to whom the Contractor has assigned the responsibility of decision making on all matters relating to the on-site construction supervision activities (including programming) He/she shall	Tender returnable – CV and Mechanical & electrical degree or Diploma or equivalent international acknowledgement certificate Tenderers will score points for a nominated Site Manager with minimum of **five (5)** or more years working experience in the service & maintenance, construction, commissioning and testing of HVAC projects or other related projects		20	No grade 12 and tertiary *education or* equivalent international *acknowledgeme* nt and no working *experience in* service and maintenance, *construction*, commissioning and testing of *Mechanical and* Electrical System projects	No grade 12 and tertiary education *Mechanical &* electrical degree or Diploma or *equivalent* international acknowledgeme nt but has 3 years working experience in service & maintenance, construction, *commissioning* and testing of Mechanical and Electrical System projects	Grade 12 & Tertiary *education* Mechanical & electrical degree or Diploma or equivalent international acknowledgeme nt but has 4 years working experience in service & maintenance, construction, commissioning and testing of Mechanical and Electrical System projects	Grade 12 &Tertiary *education* Mechanical & electrical degree or Diploma or equivalent international acknowledgemen t but has 5 or more years working experience in service & maintenance construction, commissioning and testing of Mechanical and

	commit to the project for its full duration, unless otherwise agreed by the parties Should a substitution be allowed, only a person with the same or higher qualifications and experience will be accepted							Electrical System projects
2 2	General HVAC Foreman with *qualifications*, experience on similar projects and registered as authorised as *refrigerant gas* practitioner Authorised Refrigeration Gas Practitioners will be responsibility to sign Certificate of Conformance (CoC) and record installation, modifications, maintenance, and operation activities in the logbook"	Tender returnable – CV and Formal Trade Test *on air conditioning* & refrigeration or equivalent international acknowledgement certicate Tenderers will *score points for a* nominated General Foreman with minimum of five (5) or more years working experience in the *construction*, commissioning and testing of HVAC projects, **and registered as authorised as *refrigerant* gas practitioner.**		20	No Trade Test on air conditioning or refrigeration or equivalent international acknowledgeme nt	No Trade Test on air conditioning or refrigeration or equivalent international acknowledgeme nt, but has 3 years working experience in construction, commissioning and testing of large HVAC or Refrigeration System projects	Trade Test on air conditioning & refrigeration or equivalent international acknowledgeme nt, but has 4 years working experience in construction, commissioning and testing of large HVAC or Refrigeration System projects, *and registered* as authorised as refrigerant gas *practitioner*	Trade Test on air conditioning & refrigeration or equivalent international acknowledgemen t, but has 5 years working experience in construction, commissioning and testing of large HVAC or Refrigeration System projects, *and registered as* authorised as refrigerant gas *practitioner*

	The General Foreman is the person to whom the Contractor has assigned the responsibility of supervising the teams engaged in construction, commissioning and testing activities He/She shall commit to the project for its full duration, unless otherwise agreed by the parties Should a substitution be allowed, only a person with the same or higher qualifications and experience will be accepted The contractor is to provide contactable references							
2 3	1-off HVAC technician qualification and experience on similar projects HVAC technician is the person to whom the Contractor has assigned the	Tender returnable – CV and Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement certicate Tenderers will score points for a nominated HVAC		40	No Tertiary education or formal Trade Test on air conditioning or refrigeration or equivalent international acknowledgeme nt	No Tertiary education Mechanical & electrical degree or Diploma or equivalent international acknowledgeme nt or No formal Trade Test on air conditioning or refrigeration or	Tertiary education Mechanical & electrical degree or Diploma or equivalent international acknowledgeme nt or Formal Trade Test on air conditioning & refrigeration or	Tertiary education Mechanical degree or Diploma or equivalent international acknowledgemen t or Formal Trade Test on air conditioning & refrigeration or

	responsibility for construction, service and maintenance, commissioning and testing activities He/She shall commit to the project for its full duration, unless otherwise agreed by the parties Should a substitution be allowed, only a person with the same or higher qualifications and experience will be accepted The contractor is to provide contactable references	Service and maintenance technician with minimum of five (5) or more years working experience in the service and maintenance, construction, commissioning and testing of HVAC projects				equivalent international acknowledgeme nt, but has 3 years working experience in construction, commissioning and testing of large HVAC or Refrigeration System projects	equivalent international acknowledgeme nt, but has 4 years working experience in construction, commissioning and testing of large HVAC or Refrigeration System projects	equivalent international acknowledgemen t, but has 5 or more years working experience in construction, commissioning and testing of large HVAC or Refrigeration System projects
2 4	1-off Registered Electrician with Department of Labour (DoL) as Master Installation Electrician or Installation Electrician in terms of Electrical Installation Regulations to certify the electrical installation by issuing the Certificate of Compliance	Tender returnable – CV and Proof of Registration certificate for Master installation electrician or installation electrician to be submitted with reference to **5 completed projects** for design, construction, and commissioning of Electrical systems in Building Services Environment		20	3 years experience and no formal qualification or equivalent international acknowledgeme nt	Qualified Master Installation Electrician or Installation Electrician who is registered with the Department of Labour (DoL) or equivalent international acknowledgeme nt, but 4 years working experience	Qualified Master Installation Electrician or Installation Electrician who is registered with the Department of Labour (DoL) or equivalent international acknowledgeme nt but has 5 years working experience	Qualified Master Installation Electrician or Installation Electrician who is registered with the Department of Labour (DoL) or equivalent international acknowledgemen t and has 6 or more years working experience

	(CoC) on the modified installations	The electrical installation in terms of this Contract is to be executed by a qualified Master Installation Electrician or Installation Electrician who is registered with the Department of Labour (DoL) or equivalent international acknowledgement						
3	**Testing, Commissioning & Correction of Faults, Completion & Handover and Training & Transfer of Technology**		15		0	2	4	5
3.1	1-off HVAC Mechanical Testing and Commissioning technician qualification and experience on similar projects. HVAC Mechanical Testing and Commissioning technician is the person to whom the Contractor has assigned the responsibility of commissioning	Tender returnable – CV and Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement certicate Tenderers will score points for a nominated HVAC Mechanical Testing and Commissioning technician with minimum of five (5) or more years working experience in the service and maintenance,		40	No tertiary education or formal Trade Test on air conditioning or refrigeration or equivalent international acknowledgement	No tertiary education Mechanical & electrical degree or Diploma or equivalent international acknowledgement or no formal Trade Test on air conditioning or refrigeration or equivalent international acknowledgement, but has 2 years working experience in construction,	Tertiary education Mechanical & electrical degree or Diploma or equivalent international acknowledgement or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement, but has 3 years working experience in construction,	Tertiary education Mechanical degree or Diploma or equivalent international acknowledgement or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement, but has 4 or more years working experience in

	and testing activities He/She shall commit to the project for its full duration, unless otherwise agreed by the parties Should a substitution be allowed, only a person with the same or higher qualifications and experience will be accepted The contractor is to provide contactable references	construction, commissioning and testing of HVAC projects				commissioning and testing of large HVAC or Refrigeration System projects	commissioning and testing of large HVAC or Refrigeration System projects	construction, commissioning and testing of large HVAC or Refrigeration System projects
3.2	1-off HVAC Electrical & Electronics Testing and Commissioning technician qualification and experience on similar projects HVAC Electrical & Electronics Testing and Commissioning technician is the person to whom the Contractor has assigned the responsibility of commissioning	Tender returnable – CV and Formal tertiary education Electrical degree or Diploma or equivalent international acknowledgement or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement Tenderers will score points for a nominated HVAC Electrical & Electronics Testing and Commissioning technician with minimum of five (5) or more years		40	No tertiary education or formal Trade Test on air conditioning or refrigeration or equivalent international acknowledgement	No tertiary education Electrical degree or Diploma or equivalent international acknowledgement or **No formal Trade Test** on air conditioning or refrigeration or equivalent international acknowledgement, but has 3 years working experience in construction, commissioning and testing of large HVAC or	Tertiary education Electrical degree or Diploma or equivalent international acknowledgement or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement, but has 4 years working experience in construction, commissioning and testing of large HVAC or	Tertiary education Electrical degree or Diploma or equivalent international acknowledgement or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement, but has 5 or more years working experience in construction, commissioning and testing of large HVAC or

	and testing activities He/She shall commit to the project for its full duration, unless otherwise agreed by the parties Should a substitution be allowed, only a person with the same or higher qualifications and experience will be accepted The contractor is to provide contactable references	working experience in the service and maintenance, construction, commissioning and testing of HVAC projects				Refrigeration System projects	Refrigeration System projects	Refrigeration System projects
3 3	1-off HVAC Training Specialist qualification and experience on similar projects HVAC Training Specialist is the person to whom the Contractor has assigned the responsibility of Training & Transfer of Technology activities (including on job & classroom training) He/She shall commit to the project for its	Tender returnable – CV and Formal tertiary education Mechanical/Electrical degree or Diploma or equivalent international acknowledgement or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement Tenderers will score points for a HVAC Training Specialist with minimum of five (5) or more years working experience in the training environment for servicing & maintenance, construction, commissioning and		20	No Tertiary education or formal Trade Test on air conditioning or refrigeration or equivalent international acknowledgeme nt in the training environment for servicing & maintenance, construction, commissioning and testing of HVAC projects or other related projects	No Tertiary education Electrical degree or Diploma or equivalent international acknowledgeme nt or **No formal Trade Test** on air conditioning or refrigeration or equivalent international acknowledgeme nt but has 3 or more years working experience in the training environment for servicing & maintenance,	Tertiary education Electrical degree or Diploma or equivalent international acknowledgeme nt or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgeme nt but has 3 or more years working experience in the training environment for servicing & maintenance,	Tertiary education Mechanical/Electr ical degree or Diploma or equivalent international acknowledgemen t or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgemen t, but has 5 or more years working experience in the training environment for servicing &

	full duration, unless otherwise agreed by the parties Should a substitution be allowed, only a person with the same or higher qualifications and experience will be accepted The contractor is to provide contactable references	testing of HVAC projects or other related projects				construction, commissioning and testing of HVAC projects or other related projects	construction, commissioning and testing of HVAC projects or other related projects	maintenance, construction, commissioning and testing of HVAC projects or other related projects
4	**Quality Control Inspection Test Plans (ITP) or QCP and Complete Data Books to employer's requirements**		5		0	2	4	5
4 1	1-off Quality Control Inspector qualification and experience on similar projects The Quality Control Inspector is the person to whom the Contractor has assigned the responsibility of all matters relating to the on-site Quality Control Inspection	Tender returnable – CV and Formal tertiary education Mechanical/Electrical degree or Diploma or equivalent international acknowledgement or Formal Trade Test on air conditioning & refrigeration or equivalent international acknowledgement Tenderers will score points for a Quality		100	Has 2 years' experience	Experienced Quality Control Inspector with proven track record, 3 years working experience	Experienced Quality Control Inspector with proven track record but has 4 years working experience	Experienced Quality Control Inspector with proven track record and has 5 or more years working experience

	Test Plan (ITP) or Quality Control Plan (QCP) activities to ensure that HVAC meet a set of standards He/she shall commit to the project for its full duration, unless otherwise agreed by the parties Should a substitution be allowed, only a person with the same or higher qualifications and experience will be accepted	Control Inspector with minimum of **five (5)** or more years working experience in Quality Control and Quality Assurance related to construction, commissioning and testing of HVAC projects or other related projects						
5	**General**		20		**0**	**2**	**4**	**5**
5 1	Organogram of the Proposed Full *Time* Multidisciplinary Project Team that includes each individual's years of relevant experience	Provide complete project team structure (*organograms*) based on the full scope of work i e , site team organogram and design team organogram Organograms should clearly distinguish between all required engineering disciplines • Letter confirming the availability of *project team for*		30	No organogram submitted	Organogram and < 5 CVs of the key required project professionals submitted that meets minimum years of relevant experience *Project* team(1,2,3,)	Organogram with 5 CVs of the key required project professionals submitted that meets minimum years of relevant ce Project team (1,2,3,4)	All key project professional CVs submitted and meets minimum years of relevant experience Project team (1 2 3 4 5)

		the duration of the project It is noted that team members may only be replaced with individuals of equal or higher level of competence, after Client approval Project team to include the following as minimum in addition to the requirements of Qualitative Technical Criteria 1-4 above 1 Project Manager/Contracts Manager 2 Project Planner 3 SHEQ team 4 Configuration and Document Management 5 Quantity Surveyor/Cost Engineer Tenderers will score points for an organogram as follows						
5 2	Technical proposal that meets	Technical proposal to include the following as a minimum		40	Less than minimum level of required scope	Barely adequate levels of required scope proposal	Good response detailing clearly how the service will be delivered	Excellent response which demonstrates the ability to deliver

	requirements of project scope	a) Understanding of the scope of work as detailed by the functional specification b) Proposed approach and methodology which includes deliverables, and resource plan, however not limited to Indicate by general design/construction approach and method statements how the contractor will perform the work for each sub-system of the works (HVAC, Electrical, BMS and Building related works) c) Tenderer confirm compliance to the full scope of work and Technical Specification for the Works Information Deviation form to be completed should there be a deviation			proposal or irrelevant		above and beyond the minimum requirements	the service far more than minimum requirements

		to technical requirements						
5 3	Proposed work plan • Indicating intent to undertake full scope of work on Eskom Slurry Plant Substation HVAC Replacement • Activities divided up realistically in schedule Timelines realistic for execution of activity	Preliminary Project schedule showing key deliverable dates and Proposed Work plan indicating intent to undertake full scope of work on Eskom Slurry Plant Substation HVAC Replacement		20	None of conditions of proposed work plan have been met	Only one condition of proposed work plan has been met	Only two conditions of proposed work plan have been met	All three conditions of proposed work plan have been met
5.4	Lead time to mobilise team to execute the site investigations and design work after contract award	Tenderer to specify lead time to mobilise team to site investigations and design work after contract award		10	More than 4 weeks	Between 3 and 4 weeks	Between 1 and 2 weeks	1 week or less

			Total: 100					

3.5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET 8	TET 9	TET 10	TET 11
1 Background and Experience of at least five similar completed projects	X	X									
2 Confirmed major equipment and devices is supplied by OEM	X	X									
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET 8**	**TET 9**	**TET 10**	**TET 11**
1 Engineering of the complete HVAC Works and Construction Supervision											
1 1 1-off Professional Registered Mechanical Technologists/ Engineers	X	X									
1 2 1-off Professional Registered Electrical Technologist/ Engineer			X	X							
1 3 1-off Professionally Registered C&I Technologist/Engineer					X						

2	Completion of Construction, Defects to be fixed, Service and Repairs of the complete HVAC works											
	2 1 1-off Service Manager/Site Manager qualification and experience on similar projects	X	X									
	2 2 General HVAC Foreman *qualification and* experience on similar projects	X	X									
	2 3 3-off HVAC Service technician qualification and experience on similar projects	X	X									
	2 4 1-*off Registered* Electrician with Department of Labour (DoL) as Master Installation Electrician or Installation Electrician in			X		X						
3	Testing, Commissioning & Correction of Faults, Completion & Handover and Training & Transfer of Technology											
	3 1 1-off HVAC Mechanical Testing and Commissioning technician	X	X									

qualification and experience on similar projects											
3 2 1-off HVAC Electrical & Electronics Testing and Commissioning technician qualification and experience on similar projects			X	X							
3 3 1-off HVAC Training Specialist qualification and experience on similar projects	X	X									
4 Quality Control Inspection Test Plans (ITP) or QCP and Complete Data Books to employer's requirements	X	X									
5 General	X	X									

X – Required Attendance

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1	Alternative solutions with the same or better performance

Table 7: Unacceptable Technical Risks

Risk	Description
1	Exclusions of scope specified in the employers requirements
2	Unclear staff organogram. i.e. the staffing plan is weak not showing clarity in allocation of tasks and responsibilities
3	Exclusion of a project specific schedule

3.6.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1	*Accept deviation with technical qualification*

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
1	Deviation without technical qualification not accepted

4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
Lindokuhle Ngobese	Engineering Manager
Gavin Phelelo	Line Manager Aux Engineering
Bonginkosi Mathe	Chief Engineer, Generation Engineering

5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2025	0	Michael Tladi	Comments and updates
November 2025	1	Michael Tladi	Final document

6. DEVELOPMENT TEAM

The following people were involved in the development of this document

- Michael Tladi
- Lindani Zwane
- Khumo Skosana

7. ACKNOWLEDGEMENTS

Bonginkosi Mathe for developing the original documents which was used to develop station specific TES

8. APPENDICES

In addition to the Tender Technical Evaluation Strategy and other related documents applicable to the Contract, the following appendices are issued by the employer, for the tenderer complete with the relevant information

Mandatory Criteria Point 1 The tenderer to provide testimonial certificates or completion certificates of at least five (5) Multidisciplinary Projects similar to the scope of work

Table 10: Background and Experience of Similar Completed

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/Cel/Mail/Address)	Any additional Comments