

Title: **Tender Technical Evaluation
Strategy for the Medupi Power
Station Gate 4 Access Control
Building and Weighbridge
Project.**

Unique Identifier: **348-942854**

Alternative Reference Number: **N/A**

Area of Applicability: **Generation
Engineering**

Documentation Type: **Strategy**

Revision: **4**

Total Pages: **37**

Next Review Date: **N/A**

Disclosure Classification: **CONTROLLED
DISCLOSURE**

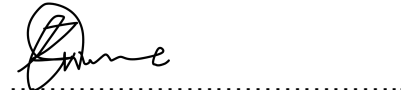
Compiled by



Monwabisi James
Civil Engineer

Date: 03/07/2025

Functional Responsibility



Langa Zuma
**Auxiliary Engineering
Manager**

Date: 11/07/2025

Authorised by



Sithokozile Hlongwa
**Group Engineering Manager
(Acting)**

Date: 17.07.2025

CONTENTS

	Page
1. INTRODUCTION	4
2. SUPPORTING CLAUSES	4
2.1 SCOPE	4
2.1.1 Purpose	4
2.1.2 Applicability	4
2.2 NORMATIVE/INFORMATIVE REFERENCES	5
2.2.1 Normative	5
2.2.2 Informative	5
2.3 DEFINITIONS	5
2.3.1 Classification	6
2.4 ABBREVIATIONS	6
2.5 ROLES AND RESPONSIBILITIES	7
2.6 PROCESS FOR MONITORING	7
2.7 RELATED/SUPPORTING DOCUMENTS	7
3. TENDER TECHNICAL EVALUATION STRATEGY	8
3.1 TECHNICAL EVALUATION THRESHOLD	8
3.2 TET MEMBERS	9
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA	10
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA	12
3.4.1 PROJECT MANAGEMENT EVALUATION CRITERIA	13
SCORING CRITERIA FOR PROJECT MANAGEMENT	14
3.4.2 CIVIL AND STRUCTURES EVALUATION CRITERIA	15
SCORING CRITERIA FOR CIVIL AND STRUCTURES	17
3.4.3 MECHANICAL EVALUATION CRITERIA – HVAC SYSTEMS	19
SCORING CRITERIA FOR MECHANICAL EVALUATION HVAC	20
3.4.4 MECHANICAL EVALUATION CRITERIA – FIRE PROTECTION SYSTEM & PORTABLE WATER SERVICES	21
SCORING FOR MECHANICAL EVALUATION FIRE PROTECTION AND POTABLE WATER	22
3.4.5 CONTROL AND INSTRUMENTATION EVALUATION CRITERIA (15%)	24
Scoring criteria for C&I	25
3.4.6 ELECTRICAL EVALUATION CRITERIA (10%)	28
Scoring for electrical	29
3.4.7 CONFIGURATION AND DOCUMENTATION MANAGEMENT (10%)	31
Scoring for configuration management	32
3.5 TET MEMBER RESPONSIBILITIES	33
3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	34
3.6.1 Risks	34
3.6.2 Exceptions / Conditions	34
4. AUTHORISATION	35
5. REVISIONS	35
6. DEVELOPMENT TEAM	35
7. ACKNOWLEDGEMENTS	35
COMPETENCY DECLARATION FORM	36

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

TABLES

Table 1: TECHNICAL SCORING METHODOLOGY 8

Table 2: TET Members 9

Table 3: Mandatory Technical Evaluation Criteria 10

Table 4: TET Member Responsibilities 33

Table 5: Acceptable Technical Risks 34

Table 6: Unacceptable Technical Risks 34

Table 7: Acceptable Technical Exceptions / Conditions 34

Table 8: Unacceptable Technical Exceptions / Conditions 34

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

1. INTRODUCTION

Medupi Power Station is situated near Lephalale in Limpopo Province. The station is constructed adjacent to the Matimba Power Station close to the Exxaro mine to maximise the operational efficiencies. The expected life of the plant is 50 years from the dates of Commercial Operation.

The Medupi Power Station Project is currently hiring weighbridge off-site for weighing of delivery trucks carrying loads to be hauled to site for various purposes i.e., coal trucking to excess coal stock yard. This weighing method has the potential risk that could result inaccurate delivery loads onto site with resultant excessive cost and time impacts. Furthermore, The Medupi Power Station User Requirements Specifications (URS) does not specified weighbridge as requirement hence the URS and Record of Decision (ROD) for Medupi Power Station Weighbridge were developed and initiated by the client respectively, to request for design, fabrication, and erection of a suitable weighbridge as well as the required Access Control Building at Gate 4 with the associated facilities.

The Weighbridge (including control room) and Access Control Building at Gate 4 will be constructed at Medupi Power Station. The design and installation of the Weighbridge to allow for the weighing of delivery trucks carrying the following loads onto site:

1. Fuel Oil.
2. Coal (reject or supply).
3. Limestone (for future FGD plant).
4. Gypsum (for future FGD plant); and
5. Any other loads which required to be verified over the life of the power station.

Additionally, the weighing of delivery trucks system includes the weighbridge control room and access control building at Gate 4, which is designed by others and will be constructed as part of this work. The latter is required in compliance to the relevant National Key Point (NKP) security requirements during delivery activities.

This document outlines the strategy and criteria that is to be used to evaluate the technical eligibility of various service providers for the design, procure, manufacture, supply, installation, and commissioning of the Weighbridge inclusive of the weighbridge control room and the construction of Access Control Building at Gate 4 and related structures.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of this document is to capture the tender technical evaluation strategy for the Medupi Power Station Scope of Work for Gate 4 Access Control Building and Weighbridge Project.

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 document applies to Medupi Power Station.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

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] 240-168966153: Generation Tender Technical Evaluation Procedure
- [2] 32-1034: Eskom Procurement Policy

2.2.2 Informative

- [3] 241-2022599 MedupiPower station Weighbridge and access control building and infrastructure technical Specification

2.3 DEFINITIONS

Definition	Description
Availability	Indicates the percentage probability that a component or system is in the required operational state at a given time.
Calibration	A set of operations that establish the relationship between values of quantities indicated by a measuring instrument, and the corresponding values realized by standards.
Detail Design	Process to develop and issue Approved for Construction documents and drawings in accordance with the Design Base, including Quality Control, Quality Assurance, and Change Management.
Electronic load-cell scale	A mass meter of which the load transmitting device comprises or includes one or more load cells which measure the mass of a load and transmit the value thereof in the form of an electrical signal to a manually operated or self-indicating electronic measuring device which provides analogue or digital indication of the mass of the load.
Gross weight	Total weight without deductions.
Maintainability	The relative ease and economy of time with which a failed component or system can be restored to a specific condition when maintenance is performed.
Platform scale	A mass meter consisting of a load receptor in the form of a platform, a load transmitting device, and a load measuring and indicating device.
Pipework	Pipes and fittings used for the conveyance of fuel, water, gases, or other fluids.
Piping	Pipes, tubes, or flexible pressure hose elements intended for the transport or distribution of any fluid.
Pump	A pump is a device that moves a fluid by mechanical action.
Reliability	The percentage probability that a component, system or process will function without failure as required, under stated conditions, for a stated period.
Stakeholder	Anyone that has an interest or is affected by the outcome of the project.
Supplier	A party whose business is to supply a particular service or commodity.
System	An integrated set of constituent pieces that are combined in an operational or support environment to accomplish a defined objective. These pieces include people, hardware, software, firmware, information, procedures, facilities, services, and other support facets.
Tarpaulin	A waterproof fabric sheet used to cover the tip bin mounted on a truck's trailer.
Tare weight	The weight of an empty vehicle or container.
Truck(s)	Tandem Axle Side Tip Interlink Combination Truck.
Valve	A device for shutting-off or controlling the flow of a fluid through a pipe or duct.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

Vehicle scale	A mass meter for the determination of the mass of road vehicles, with a load receptor in the form of a platform on which road vehicles may be moved for the measurement of their mass.
Verification	Means to certify the accuracy of any measuring instrument on the basis of any relevant measuring standard.
Weighbridge	A roadway mounted platform scale for weighing vehicles.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
AIA	Approved Inspection Authority
CBMS	Consolidate Building Management System
C&I	Control & Instrumentation
CM	Configuration Management
CoE	Centre of Excellence
CRA	Concept Release Approval
DRA	Definition Release Approval
DWS	Department of Water and Sanitation
EIA	Environmental Impact Assessment
EMP	Environmental Management Plan
ERA	Execution Release Approval
EDWL	Engineering Design Work Lead
FTE	Full Time Employee
GTE	Group Technology Engineering
HAZOP	Hazard and Operability Study
WULA	Integrated Water Use Licence Application
KKS	Kraft Koding System
LDE	Lead Discipline Engineer
LPS	Low Pressure Services
MDL	Master Document List
NTT	Notes To Tender
OEM	Original Equipment Manufacturer
OHS	Occupational Health and Safety
PARICS	Participate, Accountable, Responsible, Inform, Consult, Sign-Off
PCM	Project Control Manual
PDD	Project Development Department
PDM	Project Design Manual
PEIC	Production Engineering Integration Coal
PEM	Project Engineering Manager

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

Abbreviation	Description
PM	Plant Maintenance
PPPFA	Preferential Procurement Policy Framework Act
RACI	Responsibility, Accountability, Consult and Inform
ROD	Record of Decision
SHE	Safety, Health & Environmental
SHEQ	Safety, Health, Environment, Quality
SPO	Smart Plant Enterprise for Owner Operators
SRD	Stakeholders Requirements Definition
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team
URS	User Requirements Specifications
WML	Waste Management Licence

2.5 ROLES AND RESPONSIBILITIES

As per 240-168966153: Generation Tender Technical Evaluation Procedure for Generation

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

- 241-2022599 Medupi Power Station Weighbridge and Access Control Building and Infrastructure Technical Specification.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

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 qualitative evaluation criteria and weighting is broken down as Engineering – (85%) and planning _ (15%).

The following scoring method will be used:

Table 1: TECHNICAL SCORING METHODOLOGY

SCORE	PERCENTAGE (%)	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">• Meet the technical requirement(s) AND,• No foreseen technical risk(s) in meeting technical requirements
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none">• Meet the technical requirement(s) with,• Acceptable technical risks AND/OR.• Acceptable exceptions AND/OR.• Acceptable conditions
2	40	NON-COMPLIANT <ul style="list-style-type: none">• 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

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

The evaluation scores will be weighted as follows according to disciplines:

PROJECT MANAGEMENT (15%)	
Planning	15%
ENGINEERING (85%)	
Civil and structural engineering	25%
Mechanical Engineering HVAC	15%
Mechanical Engineering LPS	10%
Control and instrumentation Engineering	15%
Electrical Engineering	10%
Configuration and Documentation Management	10%
TOTAL (100%)	
Overall minimum threshold for qualification (70%)	

3.2 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1	Monwabisi James	Engineering Design Work Lead
TET 2	Prince Lepota	BMH Senior Technologist Engineer
TET 3	Tau Chokoe	Civil & Structural Chief Engineer
TET 4	Hardus Van Biljon	Senior Mechanical Engineer
TET 5	Refiloe Mphela	Senior Supervisor Tech Chemistry
TET 6	Mufarisi Manyuha	LPS Fire Engineer
TET 7	Neo Nemulalate	C&I Engineer
TET 8	Albert Malapile	C&I Chief Engineer
TET 9	Mbavhalelo Mukwevho	Electrical Engineer
TET 10	Henry Murray	Senior Advisor Technical Support – Electrical Engineering
TET 11	Mbhoni Chauke	Senior Technician Configuration.
TET 12	Thambo Shiba	Senior Technician Configuration.

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

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
<p>Lead designer is a professionally registered engineer(s)/ technologist engineer(s) with ECSA, with experience in design, construction, manufacture, supply, installation and commissioning of the Weighbridge system, the construction of buildings and building services and related structures as specified in the technical specification 241-2022599.</p> <ul style="list-style-type: none"> • A valid copy of the lead designer's Pr. Eng / Pr. Tech Eng certificate. • A competency declaration form of the design engineer/ technologist engineer, with acknowledgement of the role they will be responsible for in the project. 			
1.	CIVIL and STRUCTURAL	<ul style="list-style-type: none"> • A signed competency declaration form(s). • A copy of the lead designer's Pr. Eng / Pr. Tech Eng. certificate. <p>Note: the role of Civil and Structural designers may be accepted by one or more professionals.</p> <ul style="list-style-type: none"> • If more than one individual will accept the roles, all accountable professionals to complete and submit individual competency declaration forms. • If one individual will accept both roles and Civil and Structural designer, the competency declaration for to clearly indicate such. <p>Note: The competency declaration form must be signed by the professional who will be certifying the works.</p>	<ul style="list-style-type: none"> • The COMPETENCY DECLARATION of the lead design engineer is important to ensure that the works will be carried out with compliance and full understanding of the scope. • Requirement for ECSA Certification by a professional engineer for accountability and liability of the works.

2.	MECHANICAL	<ul style="list-style-type: none">• A signed competency declaration form.• A copy of the lead designer's Pr. Eng / Pr. Tech Eng. certificate. <p>Note: The competency declaration form must be signed by the professional who will be certifying the works.</p>	<ul style="list-style-type: none">• The COMPETENCY DECLARATION of the lead design engineer is important to ensure that the works will be carried out with compliance and full understanding of the scope.• Requirement for ECSA Certification by a professional engineer/ technologist engineer for accountability and liability of the works.
3.	CIDB rating CE or ME, Level 7 or above	<ul style="list-style-type: none">• Submission of copy certificate of CIDB rating	<ul style="list-style-type: none">• The contractor's capability to undertake a contract in a particular class of construction works and the contract value range.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

General Notes:

1. The CVs of Key Personnel should have experience which is comparable in nature to the Works specified in this tender.
2. It is a requirement that the key personnel have effective communication skills in the English language.
3. Where no information is offered by the Tenderer no points shall be scored.
4. In the case of an association / joint venture / consortium, it should, indicate how the duties and responsibilities are to be shared. If the tenderer intends making use of the services of subcontractors, the tenderer should indicate the proposed sub- contractors for all Works to be subcontracted. The subcontractors should meet the evaluation criteria.

3.4.1 PROJECT MANAGEMENT EVALUATION CRITERIA.

No	Description	Weighting	Sub-weighting	Tender Returnable(s)
3.4.1	Project management	15%		
3.4.1.1	Project team		60%	<p>Provide project organogram of key personnel of the main contractor and design team. Organogram should include key personnel listed below as minimum.</p> <ul style="list-style-type: none"> a. Project Manager. b. ECSA registered Professional Engineer(s)/ Technologist Engineer(s) approving designs for Civil, Structural, Geotechnical, HVAC, Fire protection, LPS, C&I, Electrical Engineers. c. Construction Manager d. Site engineer e. Designer Site Representative f. Project Planner g. Configuration and Document Management, h. QA/QC personnel <p>2) The organogram must be accompanied by a letter confirming the availability of project team for the duration of the project</p> <p>It is noted that team members may only be replaced with individuals of equal or higher level of competence, after Client approval.</p>
3.4.1.2	Project Programme		40%	<p>1) The Tenderer shall demonstrate how they shall perform the various functions including design or design review, procurement, construction, commissioning, inspection, training, and the locations where the various portions of the Work shall be implemented by providing the following information for evaluation purposes:</p> <ul style="list-style-type: none"> a. High level programme with key milestone and completion dates (design or design review, construction/restoration, and commissioning and handover).

Scoring criteria for project management.

No	Tender Returnable(s)	Scoring Criteria
3.4.1.1	<p>1) Provide project organogram of key personnel of the main contractor and design team. Organogram should include key personnel listed below as minimum.</p> <ul style="list-style-type: none"> a. Project Manager. b. ECSA registered Professional Engineer(s)/ Technologist Engineer(s) approving designs for Civil, Structural, HVAC, Fire protection, LPS, C&I, Electrical Engineers. c. Construction Manager d. Site engineer e. Designer Site Representative f. Project Planner g. Configuration and Document Management, h. QA/QC personnel <p>2) The organogram must be accompanied by a letter confirming the availability of project team for the duration of the project</p> <p>It is noted that team members may only be replaced with individuals of equal or higher level of competence, after Client approval.</p>	<p>5 =Organogram includes all 8 minimum key personnel group listed (name and respective role) and letter of declaration provided.</p> <p>4 =Organogram includes less than 8 key personnel group listed (name and respective role) and letter of declaration provided.</p> <p>2 =Organogram includes less than 8 minimum key personnel group listed (name and respective role) without letter of declaration provided.</p> <p>0 =Organogram not provided/not compliant and letter of declaration not provided.</p>
3.4.1.2	<p>1) The Tenderer shall demonstrate how it shall perform the various functions including design, procurement, construction, commissioning, inspection, servicing/restoration, training, and the locations where the various portions of the Work shall be implemented by providing the following information for evaluation purposes:</p> <ul style="list-style-type: none"> • Provide Level 4 Primavera programme with key milestone and completion dates (design, construction, and commissioning and handover). 	<p>5 =Program complaint and relevant to the scope. It reflects all the milestones and recognises that the scope is different per area.</p> <p>4=Program includes design and construction, commissioning and does not include hand over.</p> <p>2=Program only includes handover/Or commissioning and either design or construction.</p> <p>0 =Program not submitted\not relevant to the SOW.</p>

3.4.2 CIVIL AND STRUCTURES EVALUATION CRITERIA.

No	Description	Weighting	Sub-weighting	Tender Returnable(s)
3.4.2	Civil and Structures	25%		
3.4.2.1	Company's/Consultant's background and experience on Civil and structural design and construction monitoring of: a) Civil infrastructure b) Structural works.		30%	Provide Testimonial and Project Completion Certificates for at least 3 completed projects with a similar scope as Eskom technical specification on civil and structures works. The information provided should consist of but not limited to: a) Name project and the company for whom works were executed and services were rendered. b) Project Description and scope of the completed works. c) Construction durations. d) Verifiable reference for each project (Contact person) with contact details and designation. e) Authorised acknowledgement letter of completed works.
3.4.2.2	CV('s) of professional ECSA registered designer(s) who will be certifying civil design works.		20%	Provide CV(s) of civil designer(s) a) Relevant, with minimum 5 years of civil design works and construction monitoring experience, with references similar to the technical specification such as Road works, Drainage works and stormwater management etc... b) CV(s) to indicate project name and project description.
3.4.2.3	CV('s) of professional ECSA registered designer(s) who will be certifying structural design works.		20%	Provide CV(s) of structural designer(s) a) Relevant, with minimum 5 years structural design and construction monitoring experience, with reference to the technical specification such as the steel works and the reinforced concrete works. b) CV(s) to indicate project name and project description.
3.4.2.4	Design and design integration methodology.		15%	Provide a high-level design methodology addressing the following. <i>Tenderer</i> to indicate how the contractor will design for the works as per the technical specification information provided by Eskom. The design approach will include all the civil works included but not limited to: - a) Weighbridge structure, b) Reinforced concrete works, c) Road works, d) Steel structures, e) drainage, stormwater management, f) geotechnical investigations and surveying etc..

3.4.2.5	Construction methodology detailing how the Civil and Structural construction works will be executed.		15%	<p>Proposed construction method statement that includes, but not limited to, the following: the approach and execution of civil works.</p> <ol style="list-style-type: none">1. Method statements per each civil infrastructure works.<ol style="list-style-type: none">a) Weighbridge structure, b) Reinforced concrete works, c) Road works, d) Steel structures, e) drainage, stormwater management, f) geotechnical investigations and surveying2. Construction monitoring Inspection Plans, indicating how quality assurance will be achieved with reference to critical items listed in the scope of work (including weighbridge foundations, construction materials, concrete patch plant, reinforced concrete, welding, roads, and storm water drainage management).
---------	--	--	-----	--

Scoring criteria for civil and structures.

No	Tender Returnable(s)	Scoring Criteria
3.4.2.1	<p>Provide Testimonial and Project Completion Certificates for at least 3 completed projects with a similar scope as Eskom technical specification on civil and structures works.</p> <p>The information provided should consist of but not limited to:</p> <ul style="list-style-type: none"> a) Project Title and the company for whom works were executed and services were rendered. b) Project Description and scope of the completed works. c) Construction durations. d) Verifiable reference for each project (Contact person) with contact details and designation. e) Authorised acknowledgement letter of completed works. 	<p>5= Fully complaint (3 testimonials/completion certificates no omissions)</p> <p>4= Submits 3 testimonials/completion certificates with b and e, but omitting one of a, or c, or d.</p> <p>2= Submits less than 3 testimonials/completion certificates with b and e, but omitting one of a, or c, or d.</p> <p>0= No Construction related certificates received.</p>
3.4.2.2	<p>Provide CV(s) of civil designer(s)</p> <ul style="list-style-type: none"> a) Relevant, with minimum 5 years of civil design works and construction monitoring experience, with references similar to the technical specification such as Road works, Drainage works and stormwater management etc... b) CV(s) to show project name and project description. 	<p>5= Professional(s) has 5 or more years relevant experience and CV(s) fully compliant.</p> <p>4= Professional(s) has 4 years relevant experience and CV(s) fully compliant.</p> <p>2= Professional(s) has less than 4 years relevant experience and CV(s) fully compliant.</p> <p>0= No CV(s) received, or CV(s) does not show experience relevant to the technical specification.</p>
3.4.2.3	<p>Provide CV(s) of structural designer(s)</p> <ul style="list-style-type: none"> a) Relevant, with minimum 5 years structural design and construction monitoring experience, with reference to the technical specification such as the steel works and the reinforced concrete works. b) CV(s) to show project name and project description. 	<p>5=Professional(s) has 5 or more years relevant experience and CV(s) fully compliant.</p> <p>4= Professional(s) has 4 years relevant experience and CV(s) fully compliant.</p> <p>2= Professional(s) has less than 4 years relevant experience and CV(s) fully compliant.</p> <p>0= No CV(s) received, or CV(s) does not show experience relevant to the technical specification.</p>

3.4.2.4	<p>Provide a high-level design methodology addressing the following. Tenderer to indicate how the contractor will design for the works as per the technical specification information provided by Eskom. The design approach will include all the civil works included but not limited to: -</p> <p>a) Weighbridge structure, b) Reinforced concrete works, c) Road works, d) Steel structures, e) drainage, stormwater management, f) geotechnical investigations and surveying etc.</p>	<p>5 =Design methodology compliant and relevant to the scope.</p> <p>4 =Acceptable technical risks: design methodology excludes only one of the civil infrastructure a), b), c), d), e), or f).</p> <p>2= Unacceptable technical risks: design methodology excludes two or more of the civil infrastructure a), b), c), d), e), f).</p> <p>0 = Design methodology not provided/not relevant to the scope</p>
3.4.2.5	<p>Proposed construction method statement that includes, but not limited to, the following: the approach and execution of civil works.</p> <p>1. Method statements per each civil infrastructure works.</p> <p>a) Weighbridge structure, b) Reinforced concrete works, c) Road works, d) Steel structures, e) drainage, stormwater management, f) geotechnical investigations and surveying</p> <p>2. Construction monitoring Inspection Plans, indicating how quality assurance will be achieved with reference to critical items listed in the scope of work (including weighbridge foundations, construction materials, concrete batch plant, reinforced concrete, welding, roads, drainage and storm water management).</p>	<p>5 =Construction methodology compliant and relevant to the scope.</p> <p>4 =Acceptable technical risks: methodology fully compliant with 1 and 2 but not covering all works form a) to f)</p> <p>2 =Unacceptable technical risks: methodology not compliant with either 1 or 2</p> <p>0= Methodology not provided/not relevant to the scope.</p>

3.4.3 MECHANICAL EVALUATION CRITERIA – HVAC SYSTEMS.

No	Description	Weighting	Sub-weighting	Tender Returnable(s)
3.4.3		15%		
3.4.3.1	Company experience on design, construction, commissioning, and maintenance of buildings HVAC systems.		20%	<ol style="list-style-type: none"> 1) Provide Testimonial and Project Completion Certificates for at least 3 completed projects with HVAC projects including design, construction, commissioning, and maintenance on similar scope. 2) Applicable SAQCC certificate (SARACCA)
3.4.3.2	CV of the Professional Registered Mechanical Engineer/ Technologist Engineer with a track record of 3 completed projects as a minimum; for design, construction, and commissioning of HVAC systems in Power Station or building services environment.		40%	<ol style="list-style-type: none"> 1) CV of the Professional Registered Mechanical Engineer/ Technologist Engineer with reference to 3 completed projects for design, construction, and commissioning of HVAC systems in Power Station or building services environment.
3.4.3.3	Method statement and schedule for completion of HVAC works		20%	<p>Demonstrate how tenderer intend on executing the project by specified target date by providing the following information for evaluation purposes:</p> <ol style="list-style-type: none"> 1) Provide a project methodology document detailing how the Tenderer proposes to approach and execute the mechanical engineering works, design, manufacture, delivery, erection, commissioning, and handover. 2) Provide the contractors and sub-contractor who will be carrying out the works. If applicable.
3.4.3.4	Perform Engineering Risk analysis		20%	Provide a HAZOP, FMECA and RAM Report on similar works in the scope.

Scoring criteria for mechanical evaluation HVAC

No	Tender Returnable(s)	Scoring Criteria
3.4.3.1	<p>1) Provide Testimonial and Project Completion Certificates for at least 3 completed projects with HVAC projects including design, construction, commissioning, and maintenance on similar scope.</p> <p>2) Applicable SAQCC certificate (SARACCA)</p>	<p>5 = Three or more Confirmation letter(s) and completion certificate(s) on completed HVAC projects with reference to design and construction and either commissioning or maintenance. Plus, SAQCC certificate (SARACCA) is included.</p> <p>4 = Two Confirmation letter(s) and completion certificate(s) on completed HVAC projects with reference to design and construction and either commissioning or maintenance. Plus, SAQCC certificate (SARACCA) is included.</p> <p>2 = One Confirmation letter(s) and completion certificate(s) on completed HVAC projects with reference to design and construction and either commissioning or maintenance, and/or no SAQCC certificate (SARACCA) provided.</p> <p>0 = No Response.</p>
3.4.3.2	<p>CV of the Professional Registered Mechanical Engineer / Technologist Engineer to be submitted with reference to 3 completed projects for design, construction, and commissioning of HVAC systems in Power Station or building services environment.</p>	<p>5 = CV(s) included with 3 or more projects for design, construction, and commissioning of HVAC systems.</p> <p>4 = CV(s) provided with 2 projects for design, construction, and commissioning of HVAC systems.</p> <p>2 = CV(s) provided with less than 2 projects for design, construction, and commissioning of HVAC systems.</p> <p>0 = No Response.</p>
3.4.3.3	<p>Demonstrate how tenderer intend on executing the project by specified target date by providing the following information for evaluation purposes:</p> <p>1) Provide a project methodology document detailing how the Tenderer proposes to approach and execute the mechanical engineering works, design, manufacture, delivery, erection, commissioning, and handover.</p> <p>Provide the contractors and sub-contractor who will be carrying out the works. If applicable</p>	<p>5= Detailed method statement detailing how the Tenderer proposes to approach and execute the mechanical engineering works, design, manufacture, delivery, erection, commissioning, and handover</p> <p>4 = Detailed method statement detailing how the Tenderer proposes to approach and execute the mechanical engineering works but not including some works either /or design, manufacture, delivery, erection, commissioning, and handover</p> <p>2 = Method Statement included but is not sufficient</p> <p>0 = No response.</p>
3.4.3.4	<p>Provide a HAZOP, FMECA and RAM Report of similar works.</p>	<p>5 = HAZOP, FMECA and RAM Report are included</p> <p>4 = Only two documents are provided between HAZOP, FMECA and RAM Report.</p> <p>2= Only one document is provided between HAZOP, FMECA and RAM Report.</p> <p>0= No response</p>

3.4.4 MECHANICAL EVALUATION CRITERIA – FIRE PROTECTION SYSTEM & PORTABLE WATER SERVICES.

No	Description	Weighting	Sub-weighting	Tender Returnable(s)
3.4.4		10%		
3.4.4.1	CV of a Professional Registered Mechanical Engineer / Technologist Engineer with a track record of 3 completed projects as a minimum; for design, construction, and commissioning of Fire Protection systems in Power Station or building services environment and 5 years' experience.		20%	CV of professional registered Mechanical Engineer/ Technologist Engineer detailing experience in fire protection systems design, construction, and commissioning of Fire protection systems with 5 years' experience and 3 completed projects related to fire protection designs, construction, and commissioning.
3.4.4.2	3 Completed projects in fire protection systems installations		15%	3 Completion certificates for projects in fire protection installations
3.4.4.3	Fire System Design Experience		20%	Provision of typical fire system design documents to demonstrate a fire rational or deem to satisfy design as listed below: a) Piping & General Arrangement (P&ID and GA) b) Fire protection plan showing emergency escape routes, signage, etc. c) Hydraulic Calculations
3.4.4.4	Inspections		15%	Provision of typical inspection checklists for a) Design verification b) Construction completion Checklist to include items to be inspected or verified by designer & installer.
3.4.4.5	Testing		15%	Provision of a typical pressure test and a typical flushing procedure for a NFPA 13 sprinkler system.
3.4.4.6	Commissioning		15%	Provision of a typical commissioning procedure for hydrant, piping and hose reel installations.

Scoring for mechanical evaluation fire protection and potable water.

No	Tender Returnable(s)	Scoring Criteria
3.4.4.1	CV of professional registered Mechanical Engineer detailing experience in fire protection systems design, construction, and commissioning of Fire protection systems with 5 years' experience.	<p>5 = CV submitted 5 or more years' experience in fire protection systems design, construction, and commissioning.</p> <p>4 = CV submitted with 4 years' experience in fire protection systems design, construction, and commissioning.</p> <p>2 = CV submitted with less than 4 years' experience in fire protection systems design, construction, and commissioning.</p> <p>0 = No Response.</p>
3.4.4.2	3 Completion certificates for projects in fire protection (sprinkler systems, hydrants, and hose reel) installations	<p>5 = 3 projects or more, completed with completion certificates for fire protection installations.</p> <p>4 = 2 projects completed with completion certificates for fire protection installations.</p> <p>2 = Less than 2 projects completed with completion certificates for fire protection installations.</p> <p>0 = No Response or no completion certificates to support.</p>
3.4.4.3	<p>Provision of typical fire system design documents to demonstrate a fire rational or deem to satisfy design as listed below:</p> <ol style="list-style-type: none"> 1. Piping & General Arrangement (P&ID and GA) 2. Fire protection plan showing emergency escape routes, signage, etc. 3. Hydraulic Calculations 	<p>5 = All documentation supplied (P&ID, GA's fire protection plans and hydraulic calculations)</p> <p>4 = Detail supplied has only minor deviations from tender requirements on non-critical elements of design</p> <p>2 = Document submitted but not sufficient – does not cover the minimum requirements for fire rational or deem to satisfy design</p> <p>0 = No response.</p>

3.4.4.4	<p>Provision of typical inspection checklists for</p> <p>a) Design verification</p> <p>b) Construction completion</p> <p>Checklist to include items to be inspected or verified by designer & installer.</p>	<p>5 = Detailed method statement detailing how the Tenderer proposes to approach and execute the mechanical engineering works, design, manufacture, delivery, erection, commissioning, and handover</p> <p>4 = Detailed method statement detailing how the Tenderer proposes to approach and execute the mechanical engineering works but not including some works either /or design, manufacture, delivery, erection, commissioning, and handover</p> <p>2 = Method Statement included but is not sufficient.</p> <p>0 = No response</p>
3.4.4.5	<p>Provision of a typical pressure test and a typical flushing procedure for a NFPA 13 sprinkler system.</p>	<p>5 = Pressure test and typical flushing procedures are included with details</p> <p>4 = Only one of the documents are provided between pressure testing and flushing procedure with details.</p> <p>2 = Pressure test and flushing procedure included but not detailed with steps to be taken.</p> <p>0 = No response.</p>
3.4.4.6	<p>Provision of a typical commissioning procedure for hydrant, piping and hose reel installations.</p>	<p>5 = Detailed commissioning procedure supplied for hydrants, piping and hose reel installations</p> <p>4 = Procedure supplied but does not cover all 3 installations</p> <p>2 = Commissioning procedure included but not detailed</p> <p>0 = No response.</p>

3.4.5 CONTROL AND INSTRUMENTATION EVALUATION CRITERIA (15%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)
3.4.5	Control and Instrumentation	15%		
3.4.5.1	Company's background and experience on the design, installation, and commissioning of similar works in the technical specification.		20%	<p>Provide Testimonial and Project Completion Certificates for at least 3 completed projects with a similar scope as Eskom technical specification on the design, installation, and commissioning of C&I works.</p> <p>The information provided should consist of but not limited to:</p> <ul style="list-style-type: none"> a) Name project and the company for whom works were executed and services were rendered. b) Project Description and scope of the completed works. c) Construction durations. d) Verifiable reference for each project (Contact person) with contact details and designation. e) Authorised acknowledgement letter of completed works.
3.4.5.2	CV of the ECSA professionally registered C&I/Electronics Engineer(s)/ Technologist Engineer(s) who will be responsible for the design, supply, installation, and commissioning of similar works		40%	<p>Provide CV of the professionally registered C&I/Electronics Engineer(s) / Technologist Engineer(s), with relevant design, construction, commissioning, and project monitoring experience with reference to the scope of works to include, but not limited to:</p> <ul style="list-style-type: none"> i. NCP(s) design, installation, and commissioning ii. Monitoring of HVAC system & HVAC system protection iii. Weighbridge control systems design, installation, and commissioning. <p>CV to indicate project names, project completion dates, project descriptions and project locations.</p> <p>ECSA registration evidence for the Professional Engineer(s)/ Technologist Engineer(s) who shall be appointed for the certification/ approval of the works as defined on the scope of work. One of the following will be accepted as evidence:</p> <ul style="list-style-type: none"> a) Print screen of ECSA website indicating active registration status and date of registration or b) Signed letter from ECSA indicating professional registration is active and the date of registration or c) Copy of ECSA Pr certificate or d) ECSA Pr registration number <p>Note: information provided will be used to verify the active registration status of the Pr Eng/Tech Eng.</p>

3.4.5.3	A qualified electrical technician who will be responsible to oversee all Electrical Installation and issuing of COC's.		20%	Provide CV of professional registered personnel who will be responsible to oversee all Electrical Installation and issuing of COC's. a) DOL registered Electrician/Technician CV to indicate 5 or more years' relevant electrical installation experience.
3.4.5.4	C & I compliance engineering documentation		20%	Provide engineering documentation for standards used in C&I works inclusive of instruments, cabling, control equipment and HMI And the tender to demonstrate compliance in accordance with Vendor Document Submittal Schedule (VDSS)

Scoring criteria for C&I

No	Tender Returnable(s)	Scoring Criteria
3.4.5.1	Provide Testimonial and Project Completion Certificates for at least 3 completed projects with a similar scope as Eskom technical specification on the design, installation, and commissioning of C&I works. The information provided should consist of but not limited to: a) Name project and the company for whom works were executed and services were rendered. b) Project Description and scope of the completed works. c) Construction durations. d) Verifiable reference for each project (Contact person) with contact details and designation. e) Authorised acknowledgement letter of completed works.	5= Three or more testimonials and project completion certificates submitted of SIMILAR / RELATABLE work within the technical specification with all details complete 4= Two testimonials and project completion certificates submitted of SIMILAR / RELATABLE work within the technical specification with all details complete 2= One testimonials and project completion certificates submitted with minor SIMILAR / RELATABLE work OR details not included or incomplete 0= No certificates(s) submitted

3.4.5.2	<p>Provide CV of the professionally registered C&I/Electronics Engineer(s) / Technologist Engineer(s), with relevant design, construction, commissioning, and project monitoring experience with reference to the scope of works to include, but not limited to:</p> <ul style="list-style-type: none"> i. NCP(s) design, installation, and commissioning ii. Monitoring of HVAC system & HVAC system protection iii. Weighbridge control systems design, installation, and commissioning. <p>CV to indicate project names, project completion dates, project descriptions and project locations.</p> <p>ECSA registration evidence for the Professional Engineer(s)/ Technologist Engineer(s) who shall be appointed for the certification/ approval of the works as defined on the scope of work. One of the following will be accepted as evidence:</p> <ul style="list-style-type: none"> a) Print screen of ECSA website indicating active registration status and date of registration or b) Signed letter from ECSA indicating professional registration is active and the date of registration or c) Copy of ECSA Pr certificate or d) ECSA Pr registration number <p>Note: information provided will be used to verify the active registration status of the Pr Eng/Tech Eng.</p>	<p>5= CV submitted for the Professionally registered Engineer(s)/Technologist(s) as per tender returnable(s) with full understanding and experience (5 years or more) on NCP(s) design, installation and commissioning, Monitoring of HVAC system and HVAC system protection and Weighbridge control systems design, installation, and commissioning. Plus, Evidence of ECSA professional registration provided in the form of a), b), c), or d).</p> <p>4= CV submitted for the Professionally registered Engineer(s)/Technologist(s) as per tender returnable(s) with minor understanding and experience (3 years or more but less than 5 years) on NCP(s) design, installation and commissioning, Monitoring of HVAC system and HVAC system protection and Weighbridge control systems design, installation, and commissioning. Plus, evidence of ECSA professional registration provided in the form of a), b), c), or d).</p> <p>2= CV submitted for the non-registered Engineer(s)/Technologist(s) with Key NCP design or commissioning and HVAC monitoring (less than 3 years). Or No Evidence of ECSA professional registration provided in the form of a), b), c), or d).</p> <p>0= No CV submitted for the Professionally registered Engineer(s)/Technologist(s) as per tender returnable(s).</p>
3.4.5.3	<p>Provide CV of professional registered personnel who will be responsible to oversee all Electrical Installation and issuing of COC's.</p> <p>b) DOL registered Electrician/Technician</p> <p>CV to indicate 5 or more years' relevant electrical installation experience.</p>	<p>5= CVs submitted with proof of certification from DOL. Minimum 5 years' relevant electrical installation experience reflected on their CVs.</p> <p>4= CVs submitted with proof of certification from DOL. With 3 - 5 years' relevant electrical installation experience reflected on their CVs.</p> <p>2= CVs submitted with proof of certification from DOL. With less than 3 years' relevant electrical installation experience reflected on their CVs</p> <p>2= CVs not submitted, but DOL certification provided.</p> <p>0= No response (or DOL certification not provided)</p>

3.4.5.4	Provide engineering documentation for standards used in C&I works inclusive of instruments, cabling, control equipment and HMI And the tender to demonstrate compliance in accordance with Vendor Document Submittal Schedule (VDSS)	5= Three or submitted of SIMILAR / RELATABLE work within the technical specification with all details complete 4= Two References submitted of SIMILAR / RELATABLE work within the technical specification with all details complete 2= One Reference submitted with minor SIMILAR / RELATABLE work OR details not included or complete 0= No Reference(s) submitted
---------	--	--

3.4.6 ELECTRICAL EVALUATION CRITERIA (10%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)
3.4.6		10%		
3.4.6.1	Company experience on design, construction, and commissioning of electrical supply systems in Power Station or building services environment.		20%	Provide Testimonial and Project Completion Certificates for at least 3 completed projects with a similar scope as Eskom technical specification on electrical supply systems. The information provided should consist of but not limited to: a) Name project and the company for whom works were executed and services were rendered. b) Project Description and scope of the completed works. c) Construction durations. d) Verifiable reference for each project (Contact person) with contact details and designation. e) Authorised acknowledgement letter of completed works.
3.4.6.2	CV of a Professional Registered Electrical Engineer(s) / Technologist(s) with a track record of 3 completed projects as a minimum; for design, construction, and commissioning of electrical supply systems in Power Station or building services environment.		40%	CV with reference to 3 completed projects for design, construction, and commissioning of electrical supply systems in Power Station or building services environment. ECSA registration evidence for the Professional Engineer(s)/ Technologist Engineer(s) who shall be appointed for the certification/ approval of the works as defined on the scope of work. One of the following will be accepted as evidence: a) Print screen of ECSA website indicating active registration status and date of registration or b) Signed letter from ECSA indicating professional registration is active and the date of registration or c) Copy of ECSA Pr certificate or d) ECSA Pr registration number Note: information provided will be used to verify the active registration status of the Pr Eng/Tech Eng.

3.4.6.3	Method statement and schedule for completion of HVAC works.		20%	Demonstrate how tenderer intend on executing the project by specified target date by providing the following information for evaluation purposes: a) Provide a project methodology document detailing how the Tenderer proposes to approach and execute the electrical engineering works, design, manufacture, delivery, erection, commissioning, and handover. Provide the contractors and sub-contractor who will be carrying out the works. If applicable.
3.4.6.4	Perform Engineering Risk analysis		20%	Provide a study Report of similar works indicating compliance with SANS 10142-2

Scoring for electrical.

No	Tender Returnable(s)	Scoring Criteria
3.4.6.1	Provide Testimonial and Project Completion Certificates for at least 3 completed projects with a similar scope as Eskom technical specification on electrical supply systems.	5 Three or more testimonials and project completion certificates submitted of SIMILAR / RELATABLE work within the technical specification with all details complete. 4= Two testimonials and project completion certificates submitted of SIMILAR / RELATABLE work within the technical specification with all details complete 2= One testimonials and project completion certificates submitted with minor SIMILAR / RELATABLE work OR details not included or incomplete 0= No certificates(s) submitted
3.4.6.2	CV to be submitted with reference to 3 completed projects for design, construction, and commissioning electrical supply systems in Power Station or building services environment. ECSA registration evidence for the Professional Engineer(s)/ Technologist Engineer(s) who shall be appointed for the certification/ approval of the works as defined on the scope of work. One of the following will be accepted as evidence: a) Print screen of ECSA website indicating active registration status and date of registration or b) Signed letter from ECSA indicating professional	5 = CV(s) included with 3 or more projects for design, construction, and commissioning of electrical supply systems. Plus, Evidence of ECSA professional registration provided in the form of a), b), c), or d). 4 = CV(s) provided with 2 projects for design, construction, and commissioning of electrical supply systems. Plus, Evidence of ECSA professional registration provided in the form of a), b), c), or d) 2 = CV(s) provided with less than 2 projects for design, construction. Or No Evidence of ECSA professional registration provided in the form of a), b), c), or d)

	<p>registration is active and the date of registration or</p> <p>c) Copy of ECSA Pr certificate or</p> <p>d) ECSA Pr registration number</p> <p>Note: information provided will be used to verify the active registration status of the Pr Eng/Tech Eng.</p>	0 = No Response.
3.4.6.3	<p>Demonstrate how tenderer intend on executing the project by specified target date by providing the following information for evaluation purposes:</p> <p>a) Provide a project methodology document detailing how the Tenderer proposes to approach and execute the electrical engineering works, design, manufacture, delivery, erection, commissioning, and handover.</p> <p>Provide the contractors and sub-contractor who will be carrying out the works. If applicable</p>	<p>5 = Detailed method statement detailing how the Tenderer proposes to approach and execute the electrical engineering works, design, manufacture, delivery, erection, commissioning, and handover</p> <p>4 = Detailed method statement detailing how the Tenderer proposes to approach and execute the electrical engineering works but not including some works either /or design, manufacture, delivery, erection, commissioning, and handover</p> <p>2 = Method Statement included but is not sufficient</p> <p>0 = No response.</p>
3.4.6.4	<p>Provide a Study Report of similar works indicating compliance with SANS 10142-2</p>	<p>5 = Study demonstrates compliance to SANS 10142-2 for all electrical equipment</p> <p>4 = Study demonstrates compliance to SANS 10142-2 for all electrical equipment, but not similar works as the technical specification.</p> <p>2 = Study does not demonstrate compliance with SANS 10142-2.</p> <p>0= No response.</p>

3.4.7 CONFIGURATION AND DOCUMENTATION MANAGEMENT (10%)

No	Description	Weighting	Sub-weighting	Tender Returnable(s)
3.4.7		10%		
3.4.7.1	<p>The Tenderer to provide a comprehensive configuration management plan strategy for the project.</p> <p>The strategy includes how:</p> <ul style="list-style-type: none"> - Documents and records will be managed, - CM tools to be used, - Facilitation of CM activities, - Engineering reviews & changes. 		35%	Provides the configuration management plan that will be implemented in line with the ISO 10007 Guidelines for Configuration Management. The CM plan should reflect where Configuration Management is in the project Structure, a technical document and record management procedure as well as a Change management procedure they will be using.
3.4.7.2	The tenderer to demonstrate compliance to Eskom KKS Plant Coding standard and Labelling standard		30%	<p>Provides a portfolio of evidence that reflects quality of coding. The <i>Contractor's</i> portfolio should contain a minimum but not limited to evidence stating the number of years of experience they have with regards to coding, a copy of an issued KKS certificate, a reference, and previous coded designs per discipline.</p> <p>If a <i>Contractor</i> feels they do not meet the minimum requirements, they can submit the portfolio of the sub-contractor that they will use.</p>
3.4.7.3	The Tenderer needs to provide a stipulated Handover procedure, stating when and how they plan, submitting Documentation to Eskom, in line to the agreed Vendor Document Submission Schedule (VDSS).		25%	The <i>Contractor</i> provides a stipulated handover procedure, stating when and how they plan on submitting documentation to the <i>Employer</i> , in line to the agreed Vendor Document Submission Schedule (VDSS).
3.4.7.4	The Tenderer shall submit a CV of a Technician/Engineer with a minimum of three years' experience in KKS coding and labelling.		10%	Provide CV technician/ engineer with minimum 3 years' experience in KKS coding and labelling.

Scoring for configuration management.

No	Tender Returnable(s)	Scoring Criteria
3.4.7.1	Provides the configuration management plan that will be implemented in line with the ISO 10007 Guidelines for Configuration Management. The CM plan should reflect where Configuration Management is in the project Structure, a technical document and record management procedure as well as a Change management procedure they will be using.	5 = CM Strategy provided reflect all requirements do not meet standard. System and processes are clearly defined and meet all requirements. 4 = CM Strategy provided reflect three of the four requirements. System and processes are clearly defined. 2 = CM Strategy provided reflect two/ half of the requirements. System and processes are defined but do not meet all requirements. 0 = No Response
3.4.7.2	Provides a portfolio of evidence that reflects quality of coding. The <i>Contractor's</i> portfolio should contain a minimum but not limited to evidence stating the number of years of experience they have with regards to coding, a copy of an issued KKS certificate, a reference, and previous coded designs per discipline. If a <i>Contractor</i> feels they do not meet the minimum requirements, they can submit the portfolio of the sub-contractor that they will use.	5 = Evidence provided for Plant Labelling and Coding meet all Requirements. 4 = Evidence provided for Coding meet all Requirements but Drawing examples are from a sub-Contractor. 2 = Evidence provided for Plant Coding meet half the Eskom requirements. 0 = No response
3.4.7.3	The <i>Contractor</i> provides a stipulated handover procedure, stating when and how they plan on submitting documentation to the <i>Employer</i> , in line to the agreed Vendor Document Submission Schedule (VDSS).	5 = Handover procedure is in Line with Eskom Requirements and VDSS 4 = Handover procedure meets majority of the Eskom requirements and shows alignment with the VDSS. 2 = Handover procedure defined but does not meet Eskom Requirements. 0 = No response.
3.4.7.4	The Contactor to submit a CV of a Technician/Engineer with a minimum of three years' experience in KKS coding and labelling.	5 = CV(s) includes 3 or more years of experience KKS coding and labelling. 4 = CV(s) includes 2 or 1 year(s) of experience KKS coding and labelling 2 = CV(s) is not in line with KKS coding experience. 0 = No Response.

3.5 TET MEMBER RESPONSIBILITIES

Table 4: 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	TET 12
1	X	X	X									
2	X	X		X	X	X						
3	X	X	X	X	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	TET 12
1 (3.4.1)	X	X	X	X	X	X	X	X	X	X	X	X
2 (3.4.2)	X	X	X									
3 (3.4.3)	X	X		X	X	X						
4 (3.4.4)	X	X		X	X	X						
5 (3.4.5)	X						X	X				
6 (3.4.6)	X								X	X		
7 (3.4.7)	X										X	X

NOTE: X - Mandatory

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Designer not ECSA registered and Non-compliance to SANS
2.	Exclusion of CVs for evaluation of key personnel lead professional designers per criteria 3.4.2, 3.4.3, 3.4.4, 3.4.5 and 3.4.6
3.	Unclear Project execution plan, staff organogram of key personnel per criteria 3.4.1.1

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions



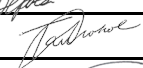
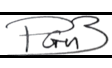





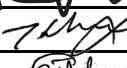
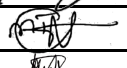

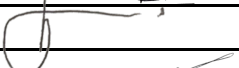

Risk	Description
1.	Deviations with technical qualification may be acceptable subject to evaluation and acceptance by TET members

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Deviations without technical qualification are not acceptable.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Monwabisi James	Engineering Design Work Lead	
Prince Lepota	BMH Senior Technologist Engineer	
Tau Chokoe	Civil & Structural Chief Engineer	
Hardus Van Biljon	Senior Mechanical Engineer	
Refiloe Mphela	Senior Supervisor Tech Chemistry	
Mufarisi Manyuha	LPS Fire Engineer	
Neo Nemulalate	C&I Engineer	
Albert Malapile	C&I Chief Engineer	
Mbavhalelo Mukwevho	Electrical Engineer	
Henry Murray	Senior Advisor Technical Support	
Mbhoni Chauke	Senior Technician Configuration	
Thambo Shiba	Senior Technician Configuration	
Justice Mphahlele	Project Manager	
Pieter Van Der Westhuizen	Officer Procurement	

5. REVISIONS

Date	Rev.	Compiler	Remarks
January 2024	0	B Mampa	Final Technical evaluation strategy
May 2024	1	B Mampa	Scoring criteria format changes and requirements changes.
November 2024	2	M James	Updated TET members, Evaluation Criteria and TES template
February 2024	3	M James	Updated TET members, correct cut-off section on table 3.4.2, Corrected scoring criteria on 3.4.3.1
June 2025	4	M James	Update mandatory and qualitative criteria

6. DEVELOPMENT TEAM

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

- Mampa Bonolo
- Nomvuyo Luthuli
- Mufarisi Manyuha
- Monwabisi James

7. ACKNOWLEDGEMENTS

N/A

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

COMPETENCY DECLARATION FORM

Medupi Power Station, Certification of Buildings/Structure/Plant in accordance with Technical Specification for 241-2022599 Medupi Power station Weighbridge and access control building and infrastructure technical Specification.

Declaration as a competent person in terms of Regulation A19 of the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977)

Consideration as a Competent Person in terms of Regulation A19

Section 1: Nature of the project

Nature of the project:

Ensuring design intent is achieved and professional certification of constructed Works, changes, and additions to Works as defined by the Technical Specification of 241-2022599 Medupi Power station Weighbridge and access control building and infrastructures.

Section 2: Details of competent registered professional who will perform the duties of designer for the works.

Full name of competent registered professional:

Registration council:

Professional registration number:

(Insert number and ECSA/SACNSP)

Consultancy I am representing:

I will be performing the role of

Role as per mandatory criteria Section 5

1	Please insert you Discipline.	Design Engineer/Technologist
---	-------------------------------	------------------------------

CONTROLLED DISCLOSURE

When downloaded from the EDMS, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

Section 3: Declaration by competent registered professional

I,..... (Full name)

Telephone number:

Declare that:

I fully understand the complete scope of work as defined in the Eskom Technical Specification document. **241-2022599 Medupi Power station Weighbridge and access control building and infrastructure technical Specification.**

1. I am trained, educated, and experienced to undertake the rational design/assessment/investigations and associated construction monitoring of the Works defined in the Technical Specification.
2. I have the necessary competency and contextual knowledge to perform the professional services as defined in the Technical Specification. **(241-2022599)**
 - Assessment/analysis of constructed buildings/structures/systems/plants.
 - Perform testing/investigation/assessment to assess if design intent had been achieved during construction on already constructed Works as defined in the Technical Specification.
 - Conduct risk assessments and provide risk mitigation measure for Works where applicable as defined in the Technical Specification.
 - Ensure design intent and compliance is achieved on Works to be constructed as indicated in the Technical Specification.
3. I satisfied the necessary and relevant definition of competent person contained in SANS 10400, Construction Regulations and Engineering Council of South Africa.
4. My professional registration is current and not suspended or terminated and is appropriate in relation to the services as defined by the Technical Specification. (241-2022599)
5. I am intending to provide professional services as designer of the Works defined in the Technical Specification 241-2022599.
6. I shall provide my professional services as designer with associated duties as indicated in the Construction Regulations and in accordance with ECSA Code of Conduct.
7. All the information provide is to the best of my knowledge true and correct.

Signature of registered competent professional:

Date:

CONTROLLED DISCLOSURE