Eskom	Strategy	Engineering

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Compiled by	Supported by	Functional Responsibility	Authorised by
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Date: 2025/06/10	Date: 2025/06/12	Date: 2025/06/12	Date: 2025/06/12

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TABLES

1. INTRODUCTION

The objective of the project is to refurbish the entire sewage treatment plant and its associated auxiliaries to comply with the regulations in terms of the Water Act of 1998 (Class C). Furthermore the purpose of the project is to ensure that sewage plant is upgraded, using latest technological advances to an “as new condition”, able to perform reliably for the next 25 plus years. To ensure the structure lifetime expectancy is extended by another 25 years. The purpose of this document is to describe in detail the scope of supply and services required from the potential Contractors and also describe the technical criteria to which the plant is designed. This document was compiled in accordance with [2]

2. SUPPORTING CLAUSES

2.1 SCOPE

[1] This document covers the technical evaluation process and criteria Refurbishment of the Nelsonskop sewage plant Project for Matimba Power Station.

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 applies to Matimba Power Station.

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

[2] 32-1034 – Eskom procurement and supply chain management

[3] 240-48929482: Tender Technical Evaluation Procedure

[4] 240-53716712: Tender Technical Evaluation Results Form Template

[5] 240-53716726: Tender Technical Evaluation Scoring Form Template

2.2.2 Informative

[6] Technical Specification for the Matimba Power Station Refurbishment of the Nelsonskop sewage plant Project.

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
OEM	Original Equipment Manufacture
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

Roles and responsibilities are as per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

None

3. TENDER TECHNICIAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered compliant from a technical perspective is 75%.

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Munene Mabunda	Matimba PS: Chemical Engineer
TET 2	Gift Nkuna	Matimba PS: Auxiliary Line Manager
TET 3	Rirhandzu Chuma	Matimba PS: Chemical Engineer
TET 4	Putsisho Kapu	Matimba PS: Electrical Engineer
TET 5	Boleo Lesejane	Matimba PS: Electrical Engineer
TET 6	Kwena Ramabu	Matimba PS: C&I Engineer
TET 7	William Madigoe	Project Manager

TET 8	Thato Motadi	Matimba PS: Civil Engineer
TET 9	Rene Davel	Matimba PS: Civil Engineer
TET 10		

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2 defines all the Mandatory Evaluation Criteria to be used as well as the reference to the specification and motivation for Criteria use. These criteria will not be scored. Each tender will be assessed on a yes/no basis.

Table 2: Mandatory Technical Evaluation Criteria

No.	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	The Alternative Sewage treatment plant is. Either containerised/Skid/trailer mounted with no civil construction / earthworks required	Information in tender must stipulate that it meets this requirement	To ensure that no EIA listed activity is triggered
2.	Professional registration of engineers Each of the lead disciplines (Mechanical OR Chemical), Electrical and Civil design engineers are required to be a professionally recognised/registered engineer/technologist with ECSA.	Each of the lead disciplines (Mechanical OR Chemical), Electrical and Civil design engineers are required to be a professionally recognised/registered engineer/technologist with ECSA.	This is a level one plant and it is required that staff be registered to ensure design is done by competent engineers.
3.	CIDB Grading	CIDB level 7CE **Tender Returnable**: copy of CIDB registration certificate to be submitted	To ensure that the appointed *Contractor* has the required capacity and experience to perform the work.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

During the tender evaluations the following table shall be used by the TET members to score each criterion on a scale of 0 to 5 as per Table 3.

Table 3: Qualitative Evaluation Criteria

Score	(%)	Definition
5	100	**COMPLIANT** • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	80	**COMPLIANT WITH ASSOCIATED QUALIFICATIONS** Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions.
2	40	**NON-COMPLIANT** • Does not meet technical requirement(s) AND/OR; • Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions.
0	0	**TOTALLY DEFICIENT OR NON-RESPONSIVE**
Note 1: The scoring table does not allow for scoring of 1 and 3. **Note 2**: Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.		

Table 4 indicates the qualitative technical evaluation criteria that shall be used by the technical tender evaluation team.

Table 4: Qualitative Technical Evaluation Criteria

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Totally deficient (0)	Non-compliant (2)	Compliant with associated qualifications (4)	Compliant (5)
1. CONTRACTORS EXPERIENCE								
1.1	CONTRACTOR EXPERIENCE The main contractor as applicable and listed in the Invitation to Tender. Tenderer's experience in wastewater treatment related plant refurbishment and/or design, installation, and commissioning projects especially the civil works.	For each project that is referenced the following must be included in the summary as a minimum: 1. Title with short description of the project scope of work 2. Contract or order number 3. Signed completion certificate(s) 4. Client name(s) and contact details 5. Start date and end date of contract		50	No proof of work experience in wastewater treatment related plant refurbishment and/or installation and commissioning projects.	One (1 to 2) wastewater related refurbishment and/or installation and commissioning project.	Three (3) wastewater related refurbishment and/or installation and commissioning project.	Four (4) wastewater treatment related refurbishment and/or installation and commissioning project.
1.2	PROJECT PLAN The main contractor outlines their proposed project programme which fits within the proposed contract period stipulated in the Employer's enquiry document.	A detailed project plan is submitted that indicates all major activities and milestones in line with the scope of work and includes the following as a minimum: 1. Project Start date. 2. Procurement lead times targeting 12 months 3. Major milestones including installation and commissioning for each section as outlined on the Employer's enquiry document. 4. Project Completion date. 5. In Microsoft (MS) Projects format. 6. signed letter confirming availability of resources.	**25**	25	Project plan submitted is not applicable to Works Information.	Tenderer only submitted a high-level project plan. Lead time is between 24 to 48 months	A good method statement has been submitted with a detailed description of the following: Project start date, major milestones, method statement of each activity, duration of each activity, and a project plan according to all the date and duration. Procurement Lead time is between 12 months and 24 months	A comprehensive Project plan has been submitted with a detailed description of the following: Project start date, major milestones, duration of each activity, and a project plan according to all the date and durations which are less or equal to the stipulated duration. Lead time is not more than between 12 months
1.3	SCOPE OF WORK COMPLIANCE	Letter stating no deviations or what the deviations are – which will be evaluated		25	Detrimental, technically		No definitive statement that there	A definitive statement that there are no

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Totally deficient (0)	Non-compliant (2)	Compliant with associated qualifications (4)	Compliant (5)
	The contractor fully complies with the NEC3 ECC contract conditions and with the technical scope as set out in the enquiry document. If deviations are listed - the deviations will be evaluated to determine if it is a risk to the project.				unacceptable Deviations or Exclusions.		are any Deviations or Exclusions OR Acceptable Deviations or Exclusions which may be mitigated by the contractor.	Deviations or Exclusions.
PROCESS REQUIREMENTS								
2.1	MECHANICAL REQUIREMENTS Comprehensive construction method statement, the method statement clearly demonstrates the Tenderer's compliance with the full mechanical scope of work as detailed in the works. The following is addressed: 1. Schedule including mobilisation to site. (2%) 2. Sample Process Flow Diagrams, Piping and Instrumentation (2%) 3. Mechanical Equipment (2%) 4. FATS/SATS (2%) 5. Sample QCP's for mechanical scope of work (2%)	Contractor submits a method statement which details the The following is addressed: 1. Schedule 2. Piping & Instrumentation 3. All Mechanical Equipment and Interfaces 4. FAT/SAT's 5. QCP's	**25**	5	Non-responsive/criteria not met	2 Criteria Met	4 Criteria Met	Fully Comprehensive
2.2	Maturity of the Technology selected for alternative treatment during construction.	(please provide site name and contact details and capacity of the plant)		20	No technologies submitted	The technology is not very mature (less than 5) and less than 3 sites use it	The technology is not very mature (5 to 9 years) and less than 4 sites use it	The technology is matured (more than 10 years) and proven, 5 or more sites have been provided that use the technology.

Qualitative Technical Criteria Description		**Reference to Technical Specification / Tender Returnable**	**Criteria Weighting (%)**	**Criteria Sub Weighting (%)**	**Totally deficient (0)**	**Non-compliant (2)**	**Compliant with associated qualifications (4)**	**Compliant (5)**
2.3	Construction and Commissioning duration of the Proposed technology. (The tender should submit a duration of each activity from installation to commissioning. Basis of the duration for shall be stipulated)	The tender should submit a duration of each activity from installation to commissioning. Basis of the duration for shall be stipulated		15	Construction, installation, and commissioning will take more than 24 months	Construction, installation, and commissioning will take more than 13 months but less than 24 months	Construction, installation, and commissioning will take more than 6 months but less than 13 months	Construction, installation, and commissioning will take six months or less.
2.4	Experience of the Pr Eng Chemical/Mechanical (Detailed curriculum Vitae and ECSA registration Certificate)	Detailed curriculum Vitae and ECSA registration Certificate		20	Pr Eng Engineer has less than 2 years' experience in water or waste treatment	Pr Eng Engineer has 4 to 2 years' experience in water or waste treatment	Pr Eng Engineer has 5 to 7 years work experience in water or waste treatment	Pr Eng Engineer has 8 years' work experience in water and wastewater treatment.
2.5	Experience of the Tenderer in successfully designing the proposed Technology (if Design will be subcontracted a letter of intent or agreement between the two parties must be submitted).	For each project that is referenced the following must be included in the summary as a minimum: 1. Name of the project and short description and how it has been running. 2. Contract or order number 3. Signed completion certificate(s) 4. Client name(s) and contact details 5. Start date and end date of contract (leadtime)		20	The tenderer has never designed the proposed Technology	The tenderer has designed the proposed Technology Once and proof that client accepted the design.	The tenderer has designed the proposed Technology 2 times and proof that clients accepted the design.	The tenderer has designed the proposed Technology 3 or more times and proof that clients accepted the design.
2.6	Detailed Process Description proposal of the Selected plant. The supplier to submit a simulation report in pdf format that show the input and output flows and qualities Technology. (The proposal should include all applicable stages from pre-treatment to the final stages of treatment.	Detailed Process Description proposal of the Selected plant. The supplier to submit a simulation report in pdf format that show the input and output flows and qualities Technology. (The proposal should include all applicable stages from pre-treatment to the final stages of treatment. The mass balance of each process).		20	The proposal doesn't cover the entire treatment process, layout of the proposed technology			The proposal covers the entire treatment system. The proposal includes the layout of the treatment system with dimensions of each processing unit, mass balance across each unit and stream

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Totally deficient (0)	Non-compliant (2)	Compliant with associated qualifications (4)	Compliant (5)
	The mass balance of each process).				is not provided.			qualities as per the scope of work.
ELECTRICAL REQUIREMENTS								
3.1	LV Switchgear/MCC and controlgear Assembly type tests (design verifications).	Type test certificates/reports (design verification) for the offered LV Switchgear/MCC and Controlgear Assembly in accordance with SANS 61439-1 (The tests that were conducted in accordance with SANS 60439-1 may not be repeated).	**15%**	20	No submission	Certificate/Report provided covers less than 9 tests as per table D1 of SANS 61439-1 OR Certificate/Report provided covers less than 6 tests as per Section 8.1.1 of SANS 60439-1	• Certificate/Report provided covers at least 9 tests as per table D1 of SANS 61439 -1 OR • Certificate/Report provided covers at least 06 tests as per Section 8.1.1 of SANS 60439 -1 • Meet the technical requirement(s) with, • Acceptable technical risks AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions	• Certificate/Report provided covers all 12 tests as per table D1 of SANS 61439 -1 OR • Certificate/Report provided covers all 08 tests as per Section 8.1.1 of SANS 60439 -1. • Meet the technical requirement(s) AND, • No foreseen technical risk(s) in meeting technical requirement
3.2	LV Switchgear/MCC technical schedule A and B for the Main Sewage plant Switchgear and Controlgear assembly.	Completed technical A&B schedule for the LV Switchgear/MCC Board.		20	No Technical schedules and parameters	=/< 80% from the Tech A& B schedule:	=/> 80% from the Tech A& B schedule: Technical schedules and parameters	= 100% from the Tech A& B schedule: Technical schedules and parameters

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Totally deficient (0)	Non-compliant (2)	Compliant with associated qualifications (4)	Compliant (5)
		The technical A&B Schedule to be completed for the Switchgear/MCC which will be designed for main sewage plant. Tenderer to submit completed Appendix 7			submitted – non-responsive	Technical schedules and parameters non-compliant with Employer's requirements	compliant with Employer's requirements with acceptable proposals/risks	completely compliant with Employer's requirements
3.3	Design, Manufacturing, Construction, Installation and Commissioning experience of LV switchgear/MCC, cable jointing and installation, racking, earthing, LV motors inclusive of protection devices and schemes	Tenderer to submit experience track record associated with design, manufacture, install and commissioning of LV Switchgear/MCC, control panels, distribution panels, cable jointing and installation, racking, earthing, LV motors inclusive of protection devices and schemes for 3 or more completed projects in the last 5 years.		15	No submission	• No Completed projects with clear scope design, manufacture, install and commissioning. • Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions	2X Completed projects with clear scope design, manufacture, install and commissioning.	• 3X Completed projects with clear scope design, manufacture, install and commissioning. • Meet the technical requirement(s) AND, • No foreseen technical risk(s) in meeting technical requirements
3.4	Technical Compliance	Tenderer to complete the Electrical compliance schedule Appendix 9.		10	**No submission**	• Completed compliance schedule.	• Completed compliance schedule • Meet the technical requirement(s) with,	• Completed compliance schedule • Meet the technical requirement(s) AND,

Qualitative Technical Criteria Description		**Reference to Technical Specification / Tender Returnable**	**Criteria Weighting (%)**	**Criteria Sub Weighting (%)**	**Totally deficient (0)**	**Non-compliant (2)**	**Compliant with associated qualifications (4)**	**Compliant (5)**
						• Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions	• Acceptable technical risks AND/OR; • Acceptable exceptions AND/OR; Acceptable conditions	• No foreseen technical risk(s) in meeting technical requirements
3.5	CVs and qualifications of the key personnel	The Contractor shall submit CVs of the following key personnel: 1. CV and ECSA certificate/registration number and qualification to be submitted with reference to four completed projects for design, construction, and commissioning of Electrical systems such as LV switchgear/MCC, cabling, commissioning, installation, racking, earthing, LV motors inclusive of protection devices and schemes in the last 5 years and have at least 5 years' relevant experience. 2. CV of an electrical cable jointer. The cable jointer must have obtained a SAQA Level 4 qualification and have completed three projects in electrical cabling termination /jointing and installation in the last 5 years and		20	No submission	• No certification (SAQA Level 4 qualification), no ECSA certificate/registration number and qualification and no proof of registration with DoL submitted; • The CVs submitted do not indicate any detailed/relevant experience. • Does not meet technical requirement(s) AND/OR; • Unacceptable technical risk(s) AND/OR;	·The following qualifications submitted but with 3 years' relevant experience for each discipline: •.SAQA Level 4 qualification for a cable jointer · ECSA certificate/registration number and Electrical BSc/BTech qualification · Proof of registration with DoL AND · The CVs include detailed/relevant OR acceptable experience of the cable jointer, Engineer/Technologis	·The following qualifications submitted but with 5 years' relevant experience for each discipline: ·.SAQA Level 4 qualification for a cable jointer · ECSA certificate/registration number and Electrical BSc/BTech qualification · Proof of registration with DoL AND · The CVs include detailed/relevant experience of the cable jointer, Engineer/Technologist

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Totally deficient (0)	Non-compliant (2)	Compliant with associated qualifications (4)	Compliant (5)
		have at least 5 years' relevant experience. 3. CV of Installation Electrician and proof of registration with Department of Labour (DoL). The Installation Electrician must also provide proof, in form of a letter from DoL, that they are still performing their work as Installation Electrician and have completed three projects in the last 5 years and have at least 5 years' relevant experience. Note that the CV must be accompanied by certified copies of qualifications. Certification may not be older than 3 months. The CV must have contactable references.				• Unacceptable exceptions/conditions Qualified Installation Electrician or Installation Electrician who is registered with the Department of Labour (DoL) or equivalent international	t and Installation Electrician Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions.	and Installation Electrician
3.6	Method statement for the Execution of the Electrical Works	Method Statements The method statement submitted explains how all of the activities on the scope will be executed. This includes: • Method of installation of all new electrical equipment. • Method for performing required tests. • Method for managing and completing documentation. • Method for installing labels on the equipment. • Method statement for cabling trenching, laying, terminations, and jointing where applicable. • Metho to ensure safe work. • Method for managing that appropriate tools are used.		15	No submission	The method statement provided is not applicable to the scope or refers to other work or work done in the past.	The method statement submitted explains how some of the activities on the scope will be executed, but not all of them.	Method Statement(s) demonstrates good understanding of the scope of work.

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Totally deficient (0)	Non-compliant (2)	Compliant with associated qualifications (4)	Compliant (5)
		• Method for ensuring that only a competent person does the installation and maintenance. • Method for issuing of CoCs. • Method for integrating all the electrical systems. • Method for ensuring that all loads will not exceed the transformers ratings specified and not overload the specified transformer.						
CONTROL AND INSTRUMENTATION REQUIREMENTS								
4.1	RELEVANT EXPERIENCE The supplier to provide a list of references for Control and Instrumentation projects such as installation and interfacing of field instrumentation (Flow meters, Level meters, Pressure transmitters, Analysers and Temperature sensors) to standalone logic controllers (Siemens S7-300/400 and Allen Bradley - SLC 500), configuration of SCADA system done in the past with evidence (installation of logic controllers and ladder programming) and contact details?	The supplier to provide a list of references for Control and Instrumentation projects such as installation and interfacing of field instrumentation (Flow meters, Level meters, Pressure transmitters, Analysers and Temperature sensors)	**10**	30	No references to the projects were submitted	1-2 reference list of C&I related projects, including customer brief scope inclusive of work PLC other than Siemens S7-300/400 and allen Bradley SLC 500 and fIeld instrumentation and SCADA with contact details. Letter of Agreement and Track Record of	3-4 reference list of C&I related projects including customer brief scope inclusive of work on the Siemens S7-300/400 and Allen Bradley - SLC 500 and field instrumentation and SCADA with contact details. Letter of Agreement and Track Record of applicable parties.	5 or more reference list of C&I related projects, including customer brief scope inclusive of work on the Siemens S7-300/400 and Allen Bradley - SLC 500 and field instrumentation and SCADA and contact details. completion certificate Letter of Agreement and track record of applicable parties.

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Totally deficient (0)	Non-compliant (2)	Compliant with associated qualifications (4)	Compliant (5)
						applicable parties.		
4.2	ANALYSER REQUIREMENTS The supplier to provide the list of all various field instrumentation as per works document.	Submitted the Technical Data Sheets (TDS) of all the equipment and material certificate of the following instruments. • MLSS Analyser • Oxygen Level Analyser • BOD analyser • PH Analyser • Residual Chlorine Analyser		25	No field instrument data sheets submitted	Supplier has submitted 1-2 field instrumentation data sheets	Supplier has submitted 3-4 field instrumentation data sheets	Supplier has submitted 5 or more field instrumentation data sheets
4.3	CVs The company to submit the CV of the project team's C&I Specialist (Pr ECSA registered) with qualifications. Siemens or Allen Bradley certificates	The company to submit the CV of the project team's C&I Specialist (Pr ECSA registered) with qualifications. Siemens or Allen Bradley certificates		20	Irrelevant or no CVs submitted	Specialist has a degree/btech in (Electrical and Electronics Engineering OR Computer and Electronics); registered with ECSA PrEng	Specialist has a degree in (Electrical and Electronics Engineering OR Computer and Electronics); registered with ECSA PrEng but has either one of the Siemens or Allen Bradley course certificates	Specialist has a degree in (Electrical and Electronics Engineering OR Computer and Electronics); registered with ECSA PrEng and Siemens or Allen Bradley course certificates
4.4	DIAGRAMS The supplier to provide a high-level diagram of the interface/wiring between the field instrumentation, local panels and the programmable logic controller with the communication signal cabling to be used? Is the diagram clearly labelled with plant instrumentation symbols and markings using different colours for either wireless or physical cabling for communication (i.e FMT, LT, local panels and PLC)	Has the supplier provided a high-level diagram of the interface/wiring between the field instrumentation, local panels and the programmable logic controller with the communication signal cabling to be used		25	No diagram submitted	The diagram has the field instrumentation and programmable logic controller missing some details, not clearly labelled and marked using different colours for communication.	The diagram has the field instrumentation and programmable logic controller missing some details, clearly labelled and marked using different colours for communication.	The diagram has the field instrumentation and programmable logic controller details, clearly labelled and marked using different colours for communication.
Civil Requirements								

Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Totally deficient (0)	Non-compliant (2)	Compliant with associated qualifications (4)	Compliant (5)
5.1	Method statement for visual inspection and condition assessment of structures	Provide a detailed method statement explaining all required steps for the execution of a visual inspection and condition assessment of all structures. The method statement shall include details of the tests used to obtain the following information: a) Strength and surface hardness. b) Concrete uniformity. c) Presence of reinforcement and depth of concrete cover. d) Depth of carbonation. e) Presence of chlorides and chloride profile. f) Presence of sulphates. g) Rate of corrosion. h) Moisture content.	**25**	15	Method statement not submitter or not applicable to the scope.	Unacceptable technical risks and/or only five or less of the tests (a-h) described in the method statement.	Acceptable technical risks and/or six or seven of the tests (a-h) described in the method statement.	Method statement fully compliant to the scope and all tests (a-h) included in the method statement.
5.2	Method statement for concrete remedial work	Provide a detailed method statement how the concrete remedial works will be executed. The method statement must explain in detail the method selected by the Contractor to achieve the following: a) Substrate preparation. b) Concrete repair by hand applied mortar. c) Concrete repair by recasting concrete elements. d) Concrete repair by spray concrete or mortar. e) Concrete crack repair.		15	Method statement not submitter or not applicable to the scope.	Unacceptable technical risks and/or 2 or less of the elements (a-e) described in the method statement.	Acceptable technical risks and/or between 3 and 4 of the elements (a-e) described in the method statement.	Method statement fully compliant to the scope and all element (a-e) described in the method statement.
5.3	Method statement for concrete protection.	Provide a detailed method statement of how concrete protection/lining works will be executed. The following items must be included in the method statement: a) Surface preparation and cleaning. b) Application method and sequencing. c) TDS of products used for protection/lining.		15	Method statement not submitter or not applicable to the scope	Unacceptable technical risks and/or only one of the elements (a-c) described in the method statement.	Acceptable technical risks and two of the elements (a-c) described in the method statement.	Method statement fully compliant to the scope and all element (a-c) described in the method statement.
5.4	Guarantee.	Structural repair work and protection/lining shall be jointly guaranteed by the material manufacturer and applicator.		30	No guarantee provided.	< 7 Year guarantee provided.	7-9 Year guarantee provided.	10 Year guarantee provided.

Qualitative Technical Criteria Description		**Reference to Technical Specification / Tender Returnable**	**Criteria Weighting (%)**	**Criteria Sub Weighting (%)**	**Totally deficient (0)**	**Non-compliant (2)**	**Compliant with associated qualifications (4)**	**Compliant (5)**
5.5	CV of ECSA registered structural engineer who will be certifying engineering and structural remedial works.	Provide the CV of ECSA registered engineer with a minimum of five years structural design and construction monitoring experience relevant to the scope of work. **Note 1:** The engineer must have experience in concrete repair and protection works. The CV must contain details of work experience and valid references. **Note 2:** The CV must contain proof of qualifications with copies of certificates.		25	No CV received, or CV does not indicate experience relevant to the SOW.	Engineer has less than 4 years of relevant experience.	Engineer has more than 4 but less 5 years of relevant experience.	Engineer has more than 5 years of relevant experience.
		TOTAL:	**100**					

TET MEMBER RESPONSIBILITIES

In Table 5 identify the TET members allocated to review/evaluate each Qualitative criterion (minimum 2 evaluators per criteria / sub-criteria)

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
1	X	X	X				X			
2	X	X	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**
Contractor's Experience										
1.1	X	X	X					X	X	
1.2	X	X	X					X	X	
1.3	X	X	X					X	X	
Process Requirements										
2.1	X	X	X							
2.2	X	X	X							
2.3	X	X	X							
2.4	X	X	X							
2.5	X	X	X							
2.6	X	X	X							
ELECTRICAL REQUIREMENTS										

3.1				X	X					
3.2				X	X					
3.3				X	X					
3.4				X	X					
3.5				X	X					
3.6				X	X					
CONTROL AND INSTRUMENTATION REQUIREMENTS										
4.1						X	X			
4.2						X	X			
4.3						X	X			
4.4						X	X			
Civil Requirements										
5.1								X	X	
5.2								X	X	
5.3								X	X	
5.4								X	X	
5.5								X	X	

3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.5.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	**The *Tenderer* submits evidence for application of corrosion protective lining over an area of at least 50% of the area in the SOW**

Table 7: Unacceptable Technical Risks

Risk	Description
1.	**The risk of mobile regeneration system which is not as per required concentrations is unacceptable.**
2.	***Tenderer* has not demonstrated full understanding of the scope and critical aspects.**
3.	**Unavailability of key personnel. All key personnel must meet the minimum requirements as set out in this Technical Evaluation Strategy (TES), including stated professional registrations (i.e., ECSA and SACPCMP). Unqualified and inexperienced personnel can result in project delays, poor quality workmanship that requires rework and cost overruns.**
4.	**The *Tenderer* submits a methodology/approach that is generic and not tailored to address specific project requirements and objectives. The approach does not contain all critical aspects of the project.**
5.	***Tenderer* does not submit a detailed QCP aligned with the SOW and the submitted Civil and Structures construction methodology.**

3.5.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	**Deviations with technical qualifications that align to *Client* objectives. Rational for deviations add value.**

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description

1.	**A plant that is not containerised and requires civil preparation in the form of earthworks**
2.	**A plant without online analysers on final diluted chemical concentration**
3.	**The *Tenderer* has no previous track record of successfully completed similar projects.**

4. AUTHORISATION

In the table below, list all TET members, project manager.

This document has been seen and accepted by:

Name	Designation	Signature
Munene Mabunda	System Engineer	
Gift Nkuna	Auxiliary Engineering Manager	
Thato Motadi	Snr Technician Civil	
Mpolokeng Mampane	Civil Engineering Manager	
Rene Davel	System Engineer	
Wandile Mjuqu	System Engineer	
Kwena Ramabu	Instrument Mechanician	
William Madigoe	Project Manager	
David Mabela	Snr Supervisor Welding	
Rirhandzu Chuma	Engineer in Training	

5. REVISIONS

Date	Rev.	Compiler	Remarks
October 2024	00		Tender evaluation strategy for Refurbishment of the refurbishment of the Nelsonskop sewage plant project

6. DEVELOPMENT TEAM

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

7. ACKNOWLEDGEMENTS