

Title:	Technical Evaluation Strategy for Corrosion Protection Services on an 'As and When Required' Basis for Eskom Peaking for a Period of Five (5) Years	Unique Identifier:	167A/20899-A
		Alternative Reference Number:	N/A
		Area of Applicability:	Engineering
		Documentation Type:	Strategy
		Revision:	1
		Total Pages:	25
		Next Review Date:	N/A
		Disclosure Classification:	CONTROLLED DISCLOSURE

CONTENTS

	Page
1. INTRODUCTION.....	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.1.1 Purpose.....	3
2.1.2 Applicability	4
2.2 NORMATIVE/INFORMATIVE REFERENCES.....	4
2.2.1 Normative.....	4
2.2.2 Informative	4
2.3 DEFINITIONS	4
2.3.1 Classification	4
2.4 ABBREVIATIONS	4
2.5 ROLES AND RESPONSIBILITIES.....	5
2.6 PROCESS FOR MONITORING.....	5
2.7 RELATED/SUPPORTING DOCUMENTS.....	5
3. TENDER TECHNICAL EVALUATION STRATEGY.....	5
3.1 TECHNICAL EVALUATION THRESHOLD	5
3.2 TET MEMBERS	6
3.3 MANDATORY TECHNICAL EVALUATION CRITERIA	7
3.3.1 Mandatory Technical Evaluation Criteria on Tender Closing	7
3.3.2 Mandatory Technical Evaluation Criteria Prior To Contract Award	7
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA.....	8
3.5 QUALITATIVE TECHNICAL CRITERIA – SCORING MEASURES.....	15
3.6 TET MEMBER RESPONSIBILITIES.....	21
3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS.....	22
3.7.1 Risks	22
3.7.2 Exceptions / Conditions	23
4. AUTHORISATION	25
5. REVISIONS.....	25
6. DEVELOPMENT TEAM.....	25
7. ACKNOWLEDGEMENTS.....	25

TABLES

Table 1: Qualitative Evaluation Criteria Scoring Guideline	5
Table 2: Core TET Members.....	6
Table 3: Optional TET Members	6
Table 4: Mandatory Technical Evaluation Criteria on Tender Closing	7
Table 5: Mandatory Technical Evaluation Criteria prior to Contract Award	8
Table 6: Qualitative Technical Evaluation Criteria.....	9
Table 7: Qualitative Technical Evaluation Criteria – Scoring Measures.....	15
Table 8: TET Member Responsibilities.....	21
Table 9: Acceptable Technical Risks.....	22
Table 10: Unacceptable Technical Risks	23
Table 11: Acceptable Technical Exceptions / Conditions.....	23
Table 12: Unacceptable Technical Exceptions / Conditions.....	24

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

The Technical Evaluation Strategy (TES) defines the methodology and criteria that will be applied during the technical evaluation of tenders submitted for the provision of Corrosion Protection Services on an "As and When Required" Basis for Eskom Peaking. The purpose of the technical evaluation is to assess the Tenderer's capability, experience, technical competence, resources and proposed methodology to successfully execute the scope of work and achieve the required corrosion protection outcomes.

The Scope of Work includes corrosion assessments, corrosion protection system rehabilitation, coating application, corrosion repairs, structural steel rehabilitation, tank and piping corrosion remediation, inspection and testing activities, surface preparation, quality control, environmental management and reporting across Eskom Peaking's power generation facilities, including OCGT, Aeroderivatives, Hydro, Pumped Storage and Renewable Energy assets.

The technical evaluation will be undertaken by a multidisciplinary Technical Evaluation Team (TET) comprising suitably qualified personnel from the relevant engineering disciplines to ensure that tender submissions are evaluated fairly, consistently and objectively against the requirements of the Scope of Work.

The strategy defines the mandatory and qualitative technical evaluation criteria, evaluation methodology, technical scoring framework, responsibilities of the TET, and acceptable technical risks and qualifications to be considered during the evaluation process. The objective is to ensure the appointment of technically capable contractors who can effectively support the long-term integrity, reliability, availability and service life of plant, equipment, structures and associated assets through the effective implementation of corrosion protection and rehabilitation activities across the Peaking Generation fleet.

Only Tenderers that demonstrate the required technical capability and achieve the minimum functionality threshold specified in this Technical Evaluation Strategy shall be considered for further evaluation. The evaluation process shall be conducted in accordance with Eskom's procurement governance requirements and the principles of fairness, transparency, equitability, competitiveness and cost-effectiveness.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of this document is to define the tender technical evaluation strategy for a 5-year Corrosion Protection contract for Eskom Peaking. The Tender Technical Evaluation Strategy defines the following with regards to the project.

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- Technical Evaluation Team Members Responsibility
- Acceptable/ Unacceptable Qualifications

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 the basis for the tender technical evaluation process.

2.1.2 Applicability

This document applies to all Tenderers responding to the enquiry and members of the Tender Evaluation Team responsible for the technical evaluation.

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] ISO 9001 Quality Management Systems
- [3] 240-53716726: Technical Scoring Form

2.2.2 Informative

- [4] 167A/20899: Scope of work for Corrosion Protection Services on an 'As and When Required' Basis for Eskom Peaking.

2.3 DEFINITIONS

Definition	Description
Tender	A tender refers to an open or closed competitive request for quotations/ prices against a clearly defined scope/ specification.

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
A&A	Auxiliary & Ancillaries
CV	Curriculum Vitae
DFT	Dry Film Thickness
GIS	Geographic Information System
GPS	Global Positioning System
ISO	International Organization for Standardization
N/A	Not Applicable
NDT	Non-Destructive Testing
OCGT	Open Cycle Gas Turbine
QA	Quality Assurance
QCP	Quality Control Plan
RT&D	Research, Testing & Development
TES	Technical Evaluation Strategy
SoW	Scope of Work

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
SEM	System Engineering Manager
TET	Tender Evaluation Team

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

N/A

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

Technical evaluation will be conducted using a weighted scorecard. Tenderers must achieve a minimum overall score of 70% to be considered technically acceptable.

Mandatory Technical Evaluation Criteria are gatekeepers and will be evaluated on a Yes/No basis. These criteria are not scored. Failure to meet any mandatory criterion will result in disqualification and the tender will not proceed to the qualitative evaluation stage. Qualitative Technical Evaluation Criteria will be applied only to tenderers that meet all mandatory criteria. These criteria are weighted according to their relative importance, and a minimum weighted score of 70% is required for the tender to be considered technically acceptable.

Table 1: Qualitative Evaluation Criteria Scoring Guideline

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

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.

3.2 TET MEMBERS

The full-time core technical evaluation team will consist of the following team members (in-line with the Tender Engineering Evaluation Procedure, 240-48929482) in Table 2.

Table 2: Core TET Members

Table 3: Optional TET Members

The core TET members' and the optional members' responsibilities are described in Table 8.

3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Tenderers shall submit all documentation and evidence as specified below. These criteria shall be evaluated on a compliance basis (Yes/No). Failure to meet any mandatory requirement shall result in disqualification from further evaluation.

Tenderers who do not meet all mandatory criteria shall not proceed to the technical (qualitative) evaluation stage.

3.3.1 Mandatory Technical Evaluation Criteria on Tender Closing

Table 4: Mandatory Technical Evaluation Criteria on Tender Closing

	Mandatory Technical Criteria Description	Evidence	Motivation for use of Criteria
1.	The Tenderer attends a compulsory site clarification meeting at Gourikwa PS.	Attendance register	Ensures the Tenderer understands the scope, site conditions, access requirements, operational constraints and geographical spread of the contract.

3.3.2 Mandatory Technical Evaluation Criteria Prior To Contract Award

Table 5 defines the Mandatory Technical Evaluation Criteria to be submitted by the *Contractor* prior to contract award date.

Any outstanding or unclear information, related to the mandatory technical evaluation criteria stipulated in Table 5, identified by the *Employer* during the technical evaluation, shall be requested from the *Contractor* by the *Employer* (in writing) and must be submitted by the *Contractor* within 5 calendar days from the request to the *Employer* for acceptance.

If the *Contractor* doesn't provide the requested information within the 5 days to the *Employer*, the *Contractor* will be disqualified.

CONTROLLED DISCLOSURE

Table 5: Mandatory Technical Evaluation Criteria prior to Contract Award

	Mandatory Technical Criteria Description	Evidence	Motivation for use of Criteria
2.	Contractor Experience: The Tenderer shall have successfully completed a minimum of three (3) projects within the last ten (10) years, each with a contract value of not less than R2 million, involving corrosion protection and/or industrial coating systems on either industrial facilities, structural steel, tanks, pipelines, process plants, marine structures, or similar infrastructure. As a minimum three (3) client references shall be submitted, each reference shall include the following: • Client Engineer Contact details (cell phone numbers not acceptable). • Project description. • Value. • Duration.	Evidence can be in the form of any of the below: • Completion Certificates • Formal signed-off QCP's • Release certificates • Coating Inspection reports accepted by the Client • Client Reference letters on company letterhead.	To ensure that tenderers possess the technical capability, resources, quality management systems, and practical knowledge required to successfully execute the works.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Tenderers who meet all mandatory criteria shall be evaluated against the Qualitative Technical Evaluation Criteria, as defined below.

Evaluation shall be based on a weighted scoring system and a **minimum threshold score of 70%** must be achieved to be considered technically acceptable.

Table 6 defines all Qualitative Technical Evaluation Criteria to be submitted by the *Contractor* by the tender closing date. Should the *Contractor* fail to submit these criteria by the tender closing date, the *Contractor* will score zero for each of the criterion stipulated in the table below.

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.

Table 6: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Corrosion Protection Experience		5.00	
1.	Multi-Site Maintenance Experience: Tenderer shall demonstrate experience in executing corrosion protection works simultaneously across a minimum of three (3) sites geographically dispersed sites under a single contract or multiple concurrent contracts. The Tenderer shall provide evidence in the form of: • Appointment letters. • Purchase orders. • Contract award letters. • Completion certificates. • Signed client performance reports. The evidence shall clearly indicate: • Number of sites serviced. • Geographical spread of the sites. • Contract duration. • Scope of corrosion protection works performed.	Works Information		100.00

CONTROLLED DISCLOSURE

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **10 of 25**

2.	Methodology, Quality & Technical Approach		65.00	
2.1	Method Statements: Methodology as defined in the SoW for: - Corrosion assessments. - Defect classification and prioritisation. - Surface preparation. - Containment. - Waste disposal. - Coating application. - Inspection, testing and reporting. - Corrosion register updates.	Works Information		70.00
2.2	Quality Control Plan: The Tenderer shall submit a project-specific Quality Control Plan (QCP) aligned to the applicable corrosion protection system, method statements, product data sheets, inspection requirements and acceptance criteria. The QCP shall identify activities, responsibilities, inspection points, Hold Points (H), Witness Points (W), acceptance criteria, inspection and test methods, check sheets and records. The QCP must address 20 required activities and contain the required QCP elements. Required Activities: - Material receipt and storage. - Equipment calibration. - Pre-cleaning. - Mechanical surface preparation.	Works Information		20.00

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **11 of 25**

		• Abrasive blasting. • Surface cleanliness verification. • Environmental monitoring. • Material verification and mixing. • Stripe coating. • Coating application. • WFT measurement. • DFT measurement. • Curing/overcoating. • Visual inspection. • Adhesion testing. • Holiday testing. • Repairs. • Final inspection. • Handling and storage. • Records and turnover dossier.			
	2.3	Inspection & Test Strategy: Tenderer shall submit an Inspection and Test Strategy demonstrating understanding of the inspection, testing and acceptance requirements applicable to corrosion protection works. The strategy shall include: • Inspection methodology. • Inspection personnel qualifications. • Inspection frequency. • Environmental monitoring requirements.			10.00

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **12 of 25**

		• Surface preparation inspections. • Surface cleanliness inspections. • Surface profile measurements. • Wet Film Thickness (WFT) measurements. • Dry Film Thickness (DFT) measurements. • Adhesion testing requirements. • Holiday/Pinhole (EID) testing requirements. • Repair acceptance criteria. • Final acceptance inspections. • Reporting and turnover requirements. • Defect and non-conformance management process.			
3.	Resources and Organisation			25.00	
	3.1	Resource: Key Personnel: The Tenderer shall provide CVs, qualifications and relevant certifications for all key personnel required to execute corrosion protection works: • Project Manager: Relevant Engineering/Project Management qualification and a minimum of 5 years' relevant experience. • Site Supervisor: Relevant technical qualification and demonstrated experience in coating application supervision. • Quality Representative / QA-QC Officer: Relevant qualification with ISO 9001 Quality Management experience. ISO 9001 Internal Auditor certification preferred. • Coating Inspector: Valid SAQCC / AMPP / NACE Coating Inspector Level 2.	Works Information		65.00

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **13 of 25**

		- Corrosion Specialist / Technical Advisor: Relevant Engineering degree with recognized corrosion and demonstrated corrosion management experience. The submission shall include: - Relevant qualifications. - Professional registrations. - SAQCC / AMPP / NACE certifications where applicable. - Years of corrosion protection experience. - Experience on similar corrosion protection projects. - Roles and responsibilities.			
	3.2	Plant & Equipment: The Tenderer shall provide a plant and equipment schedule together with proof of ownership, availability, or valid lease/hire agreements for the key equipment proposed for execution of the Works. The submission shall include, as a minimum: Inspection & Testing Equipment: - DFT gauges. - WFT gauges. - Surface profile gauges. - Surface cleanliness comparators. - Soluble salt testing equipment. - Dust contamination testing kits. - Adhesion testing equipment. - Holiday/Pinhole detector (where applicable).			25.00

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **14 of 25**

		Application & Blasting Equipment: • Airless spray equipment. • Conventional spray equipment. • Abrasive blasting equipment. • Power mixing equipment. • Oil and moisture traps/separators for spray and blasting equipment. All inspection and test equipment shall have valid calibration certificates.			
	3.3	Organogram and Resource Deployment: The Tenderer demonstrates via the organogram: • Head Office support. • Site support. • Multi-site resource deployment. • Escalation structure. Required to be shown on the Organogram: • Project Manager. • Site Supervisor. • QA/QC Representative. • Coating Inspector. • Corrosion Specialist. • Reporting lines. • Escalation structure. • Head office support. • Multi-site deployment. • Roles and responsibilities.			10.00

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **15 of 25**

4.	NDT Requirements		5.00	
	4.1	The Tenderer confirms by means of an authorised letter that they will comply to the Eskom Standard for NDT and will make use of an Eskom approved NDT company.		100.00
			TOTAL: 100.00	

3.5 QUALITATIVE TECHNICAL CRITERIA – SCORING MEASURES

Table 7: Qualitative Technical Evaluation Criteria – Scoring Measures

Civil & Structural Technical Criteria				
Criteria No	Qualitative Technical Criteria Description	Criteria Sub Weighting (%)	Range	Score
1.1	Multi-Site Maintenance Experience: Tenderer shall demonstrate experience in executing corrosion protection works simultaneously across a minimum of three (3) sites geographically dispersed sites under a single contract or multiple concurrent contracts. The Tenderer shall provide evidence in the form of: - Appointment letters. - Purchase orders. - Contract award letters. - Completion certificates. - Signed client performance reports. The evidence shall clearly indicate: - Number of sites serviced.	100.00	No evidence of multi-site maintenance experience.	0
			Experience at less than 3 sites only.	2
			Experience managing resources 3 sites concurrently.	4
			Experience managing resources across 4 or more sites.	5

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **16 of 25**

	- Geographical spread of the sites. - Contract duration. - Scope of corrosion protection works performed.			
2.1	Method Statements: Methodology as defined in the SoW for: - Corrosion assessments. - Defect classification and prioritisation. - Surface preparation. - Containment. - Waste disposal. - Coating application. - Inspection, testing and reporting. - Corrosion register updates.	70.00	No method statement submitted.	0
			Method statements submitted covering 0-4 of the required methodology.	2
			Method statements submitted covering 5-7 of the 8 required methodology	4
			Comprehensive project-specific method statements submitted covering all 8 required topics, demonstrating complete understanding of the SoW.	5
2.2	Quality Control Plan: The Tenderer shall submit a project-specific Quality Control Plan (QCP) aligned to the applicable corrosion protection system, method statements, product data sheets, inspection requirements and acceptance criteria. The QCP shall identify activities, responsibilities, inspection points, Hold Points (H), Witness Points (W), acceptance criteria, inspection and test methods, check sheets and records. The QCP must address 20 required activities and contain the required QCP elements. Required Activities: - Material receipt and storage. - Equipment calibration. - Pre-cleaning.	20.00	No QCP submitted.	0
			QCP addresses less than 50% of the required activities OR does not identify hold points, witness points, acceptance criteria and quality records.	2
			QCP addresses at least 75% of the required activities and includes inspection points, hold/witness points, acceptance criteria and records, but contains minor omissions or lacks project-specific detail.	4
			Project-specific QCP addresses all required activities and includes responsibilities, inspection methods, acceptance criteria, Hold/Witness points, check sheets, records, testing requirements and	5

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **17 of 25**

	• Mechanical surface preparation. • Abrasive blasting. • Surface cleanliness verification. • Environmental monitoring. • Material verification and mixing. • Stripe coating. • Coating application. • WFT measurement. • DFT measurement. • Curing/overcoating. • Visual inspection. • Adhesion testing. • Holiday testing. • Repairs. • Final inspection. • Handling and storage. • Records and turnover dossier.		turnover documentation with no significant omissions.	
2.3	Inspection & Test Strategy: Tenderer shall submit an Inspection and Test Strategy demonstrating understanding of the inspection, testing and acceptance requirements applicable to corrosion protection works. The strategy shall include: • Inspection methodology. • Inspection personnel qualifications. • Inspection frequency.	10.00	No inspection and test strategy submitted.	0
			Addresses less than 50% of required inspection strategy requirements.	2
			Addresses at least 75% of required inspection strategy requirements.	4
			Addresses all required inspection strategy elements with project-specific acceptance criteria and reporting requirements.	5

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **18 of 25**

	- Environmental monitoring requirements. - Surface preparation inspections. - Surface cleanliness inspections. - Surface profile measurements. - Wet Film Thickness (WFT) measurements. - Dry Film Thickness (DFT) measurements. - Adhesion testing requirements. - Holiday/Pinhole (EID) testing requirements. - Repair acceptance criteria. - Final acceptance inspections. - Reporting and turnover requirements. - Defect and non-conformance management process.			
3.1	Resource: Key Personnel: The Tenderer shall provide CVs, qualifications and relevant certifications for all key personnel required to execute corrosion protection works: - Project Manager: Relevant Engineering/Project Management qualification and a minimum of 5 years' relevant experience. - Site Supervisor: Relevant technical qualification and demonstrated experience in coating application supervision. - Quality Representative / QA-QC Officer: Relevant qualification with ISO 9001 Quality Management experience. ISO 9001 Internal Auditor certification preferred. - Coating Inspector: Valid SAQCC / AMPP / NACE Coating Inspector Level 2.	65.00	Required personnel not proposed or CVs not submitted.	0
			All required personnel proposed, however: - One or more personnel do not meet the required qualifications/certifications; or - One or more personnel have less than 5 years relevant corrosion protection experience.	2
			All required personnel proposed with all required qualifications and certifications submitted. As a minimum: - Project Manager: 5+ years - Site Supervisor: 3+ years - QA/QC Representative: 3+ years	4

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.

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **19 of 25**

	- Corrosion Specialist / Technical Advisor: Relevant Engineering degree with recognized corrosion and demonstrated corrosion management experience. The submission shall include: - Relevant qualifications. - Professional registrations. - SAQCC / AMPP / NACE certifications where applicable. - Years of corrosion protection experience. - Experience on similar corrosion protection projects. - Roles and responsibilities.		Coating Inspector: 3+ years All required personnel proposed with all required qualifications and certifications submitted. All personnel have at least 5 years relevant corrosion protection experience. Coating Inspector holds SAQCC Level 2 and/or AMPP/NACE CIP certification.	5
3.2	Plant & Equipment: The Tenderer shall provide a plant and equipment schedule together with proof of ownership, availability, or valid lease/hire agreements for the key equipment proposed for execution of the Works. The submission shall include, as a minimum: Inspection & Testing Equipment: - DFT gauges. - WFT gauges. - Surface profile gauges. - Surface cleanliness comparators. - Soluble salt testing equipment. - Dust contamination testing kits. - Adhesion testing equipment. - Holiday/Pinhole detector (where applicable).	25.00	0-3 plant & equipment submitted. 4-7 plant & equipment submitted. 8-11 plant & equipment submitted. 12-13 required plant & equipment submitted, together with proof of ownership, availability or lease agreements for key equipment and valid calibration certificates for all applicable inspection and testing equipment.	0 2 4 5

CONTROLLED DISCLOSURE

**Technical Evaluation Strategy for Corrosion Protection
Services on an 'As and When Required' Basis for Eskom
Peaking for a Period of Five (5) Years**

Unique Identifier: **167A/20899-A**

Revision: **1**

Page: **20 of 25**

	Application & Blasting Equipment: - Airless spray equipment. - Conventional spray equipment. - Abrasive blasting equipment. - Power mixing equipment. - Oil and moisture traps/separators for spray and blasting equipment All inspection and test equipment shall have valid calibration certificates.			
3.3	Organogram and Resource Deployment: The Tenderer demonstrates via the organogram: - Head Office support. - Site support. - Multi-site resource deployment. - Escalation structure. Required to be shown on the Organogram: - Project Manager. - Site Supervisor. - QA/QC Representative. - Coating Inspector. - Corrosion Specialist. - Reporting lines. - Escalation structure. - Head office support. - Multi-site deployment. - Roles and responsibilities.	10.00	0-3 requirements addressed.	0
			4-6 requirements addressed.	2
			7-8 requirements addressed.	4
			9-10 requirements addressed and demonstrates support for concurrent multi-site execution.	5

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.

4.1	NDT Requirements: The Tenderer confirms by means of an authorised letter that they will comply to the Eskom Standard for NDT and will make use of an Eskom approved NDT company.	100.00	No authorised letter submitted.	0
			Letter submitted but omits either compliance to the Eskom Standard or use of an Eskom-approved NDT company.	2
			Letter confirms compliance with the Eskom NDT Standard and use of an Eskom-approved NDT company.	4
			Letter confirms compliance with the Eskom NDT Standard, use of an Eskom-approved NDT company, and includes proof of approval or a letter of intent from the proposed NDT company.	5

3.6 TET MEMBER RESPONSIBILITIES

Key: X = Mandatory; O = Optional

Table 8: TET Member Responsibilities

Mandatory Criteria	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET 8	TET 9
1	X	X	X	X	X	X	X	O	O
2	X	X	X	X	X	X	X	O	O
Qualitative Criteria	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET 8	TET 9
1.1	X	X	X	X	X	X	X	O	O
2.1	X	X	X	X	X	X	X	O	O
2.2	X	X	X	X	X	X	X	O	O
2.3	X	X	X	X	X	X	X	O	O
3.1	X	X	X	X	X	X	X	O	O

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.

3.2	X	X	X	X	X	X	X	O	O
3.3	X	X	X	X	X	X	X	O	O
4.1	X	X	X	X	X	X	X	O	O

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 9: Acceptable Technical Risks

Risk	Description
1.	Contractor utilises specialist subcontractors for corrosion inspections, NDT services, coating inspections, abrasive blasting, containment systems or specialised coating application activities, provided the subcontractors possess the required qualifications, certifications, experience and competency relevant to the allocated scope of work.
2.	Certain specialised plant and equipment are hired or leased, provided proof of ownership, availability or lease agreements can be demonstrated upon request.
3.	Contractor shares resources between multiple sites provided adequate resource planning and service delivery capability are demonstrated.
4.	Contractor supplements permanent personnel with temporary labour during peak workload periods, provided supervision and quality requirements are maintained.
5.	Contractor utilises manufacturer technical representatives or coating specialists for technical support, product selection, quality verification and warranty support.
6.	Apart from the acceptable technical risks stipulated as per Table 9, any new risks noticed during the evaluation process will be assessed by the Technical Evaluation Team Members whether the risks are acceptable or unacceptable for Eskom.

CONTROLLED DISCLOSURE

Table 10: Unacceptable Technical Risks

Risk	Description
1.	Contractor or subcontractor cannot demonstrate the required corrosion protection, coating rehabilitation, inspection, NDT or asset maintenance experience relevant to the allocated scope of work.
2.	Contractor does not have access to the minimum plant, equipment or specialist tools required to execute the works.
3.	The Contractor proposes to subcontract the majority of the core corrosion protection activities, including surface preparation, coating/lining application, inspection and quality control functions, without demonstrating sufficient in-house management, supervision, QA/QC and technical capability to control and oversee the works.
4.	Contractor's methodology presents unacceptable quality, safety or operational risks to Eskom facilities.
5.	Contractor cannot demonstrate adequate containment, environmental protection, housekeeping or waste disposal arrangements for corrosion protection activities.
6.	Contractor cannot demonstrate access to suitably qualified corrosion inspectors, coating inspectors, NDT personnel or supervisory personnel.
7.	Apart from the unacceptable technical risks stipulated as per Table 10, any new risks noticed during the evaluation process will be assessed by the Technical Evaluation Team Members whether the risks are acceptable or unacceptable for Eskom.

3.7.2 Exceptions / Conditions

Table 11: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	Minor deviations from the proposed methodology, provided the deviation does not affect quality, safety, functionality or scope compliance.

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.	Alternative equipment, materials, coating systems or maintenance methods may be proposed, provided equivalence or superiority to the specified requirements can be demonstrated and accepted by Eskom.
3.	Additional quality control measures proposed by the Tenderer that exceed the specified requirements.
4.	Apart from the acceptable technical exceptions stipulated as per Table 11, any new exceptions noticed during the evaluation process will be assessed by the Technical Evaluation Team Members whether the risks are acceptable or unacceptable for Eskom.

Table 12: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Tenderer proposal does not cover the full scope of corrosion protection services defined in the Scope of Work.
2.	Tenderer proposes reduced quality control, inspection or testing requirements contrary to the Works Information.
3.	Tenderer proposes personnel who do not meet the minimum qualifications, competencies or experience requirements.
4.	Tenderer proposes alternative coating systems, materials or repair methods without demonstrating technical suitability and compliance with the specified Eskom and ISO standards.
5.	Tenderer excludes responsibility for containment, environmental protection, waste handling or waste disposal activities associated with the works.
6.	Apart from the unacceptable technical exceptions stipulated as per Table 12, any new exceptions noticed during the evaluation process will be assessed by the Technical Evaluation Team Members whether the risks are acceptable or unacceptable for Eskom.

CONTROLLED DISCLOSURE

4. AUTHORISATION

This document has been seen and accepted by:

5. REVISIONS

6. DEVELOPMENT TEAM

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

- TET Members

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.