Eskom	Strategy	Engineering

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Compiled by	Co-compiled by	Functional Responsibility	Authorised by
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EXECUTIVE SUMMARY

This report is to give an insight on the Technical Evaluation Criteria Strategy and the Tender Evaluation Team members. It also discusses the mandatory and quantitative criteria's to be followed during Technical Evaluation from the Tender returnable.

CONTENTS

1. INTRODUCTION

Matla Power Station intends to engage a service provider to perform WTP Sludge sump Refurbishment. The scope of work, repairs of the A frames, pond, diametric duct, beams, screen-washing bay etc.

This document is aimed at settling the standard technical evaluation criteria that will be used when evaluating the tender submissions for Sludge Sump Repairs 12months contract.

2. SUPPORTING CLAUSES

2.1 SCOPE

MEA – 05705 WTP Sludge Sump refurbishment.

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) members responsible for tender technical evaluation. The technical evaluation strategy serves as basis for tender technical evaluation process.

2.1.2 Applicability

This document applies to Matla Power Station Engineering Department.

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

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

[1] 240-48929482: Tender Technical Evaluation Procedure

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

[3] 240-53716712 Tender Technical Evaluation Results form template

[4] 240-53716726 Tender Technical Evaluation Scoring Form Template

2.2.2 Informative

[5] MEA – 05705 WTP Sludge Sump refurbishment

2.3 DEFINITIONS

2.3.1 Classification

a. **Confidential:** the classification given to information that may be used by malicious/opposing/hostile elements to **harm** the objectives and functions of Eskom Holdings Limited.

2.4 ABBREVIATIONS

Abbreviation	Description
B-BBEE	Broad- Based Black Economic Empowerment
ECSA	Engineering Council of South Africa
SD&L	Supplier Development and Localisation
SHE	Safety , Health & Environmental
WTP	Water Treatment Plant

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

Technical Evaluators will ensure process is monitored by utilising the Technical Evaluation Strategy.

2.7 RELATED/SUPPORTING DOCUMENTS

Evaluation Procedure and the scope of work.

3. TENDER TECHNCIAL EVALAUTION REPORT

3.1 TECHNICAL EVALAUTION STRATEGY

The tenders will be evaluated in accordance with the Technical Evaluation Criteria outlined below. The following criteria will be assessed for all tenders received.

1. Mandatory Technical Requirements
2. Functionality – Qualitative technical Requirements
3. Price and B-BBEE Preference Points
4. Objective Criteria (SHE & SD&L requirements)

The technical criteria will comprise the Mandatory Technical Requirements and Qualitative Technical Requirements, corresponding to steps one and two of the evaluation process. The scope of the tender is primarily focused on the Civil and Mechanical Discipline, and as such, the technical criteria will be limited to Civil and Mechanical -related aspects only. To be considered from a technical standpoint, a tender must achieve a minimum weighted final score of 75%.

3.1.1 Mandatory Technical Requirements

Gatekeepers identified in the tender document will be a "must meet" criteria identified in the tabular questionnaire from Contractor (s) tender will be assessed based upon questionnaire seeking YES or No response from the Contractor (s) with no point scores or weighed average assigned to the response.

Response of No against any criteria will be elimination of the Contractors (s) tender for further consideration or short listing for detailed technical evaluation.

The Qualitative Technical Evaluation Criteria is shown in Table 2 below. This criterion comprises of the Mechanical and Civil SOW. The mechanical SOW comprises of 35% of the total combined scoring and the Civil SOW comprises of 65% of the total combined scoring.

The mandatory requirement is the CIDB with Minimum of 5CE

Mandatory Technical Criteria Description	**Reference to Technical Specification / Tender Returnable**	**Motivation for use of Criteria**
Minimum CIDB Level **5CE**	Provide proof of Valid CIDB Grading	The work is classified as construction work as per the construction regulations.

3.1.2 Functionality – Qualitative Technical Requirements

The functionality assessment constitutes the second phase of the evaluation process, with a total weighting of 100%. The tenderer must achieve a minimum score of 75% across the technical criteria to be considered qualified. These criteria are divided into two section Civil and Mechanical sub-criteria, each assigned a specific weighting as detailed in the table below.

Table 2: Qualitative Technical Criteria Weightings

MECHANICAL SECTION (35%)

	Section	KPI- Criteria Evaluation Indicator	Minimum Criteria Evaluation Requirements	Source	%	Qualitative Evaluation Scoring			
						0%	40%	80%	100%
Technical Requirements									
Mechanical Scope of Work Technical Evaluation									
		Company Profile Document/Individual Profile	**Company Experiences: (25%)**	**Sources**		**0**	**2**	**4**	**5**
	Technical Requirements	**Company's traceable evidence in the form of Purchase Order, Completion Certificates or Handover Certificate.**	The list of Purchase orders, completion certificate or Hand over certificate for pipeline and pumping systems/ station design and installation.	Company to provide evidence of previous similar mechanical work completed which includes pipeline and pumping systems/ station design and installation in the form of Purchase orders,	80 %	No information submitted or incomplete documentations, = 0%	1x task for pipeline and pumping systems/ station design and installations with signed completion certificates or handover certificates = 40%	2x tasks for pipeline work and pumping systems/ station with signed completion certificates or handover certificates = 80%	Plus 3 tasks for pipeline work and pumping systems/ station with signed completion certificates or handover certificates = 100%

				completion certificate or Hand over certificate.					
		Resources	**Resources (10%)**	**Sources**					
		Responsible Mechanical Fitter	Mechanical fitter with trade test certificate and an experience from 1 to 3	Submit CV for a mechanical fitter with experience for 1 to 3 years in equipment fitting (Pipeline & Valves), trade test certificate	20 %	No information submitted or incomplete documentations, no trade certificate = 0%	Submit CV for a mechanical fitter with related experience of 1 year in related equipment fitting, trade test certificate 1 years' experience and = 40%	Submit CV for a mechanical fitter with experience of 2 year in related equipment fitting, trade test certificate = 80%	Submit CV for a mechanical fitter with experience of plus 3 year in related equipment fitting, trade test certificate = 100%
			Execution Methodology (65%)						
		Method Statement	A detailed technical methodology on how the company will execute the Mechanical SOW including	Submit the work specific detailed technical methodology for executing the HP cleaning of pipeline and	85 %	No information submitted or method statement meets 0-49% of the required activities. Methodol	Submitted the method statement addresses 50-69% of the outlined activities. Methodology	Submitted the method statement addresses 70 - 89% of the outlined activities. Methodology	Submitted the method statement addresses 90% - 100% the outlined activities. Methodology

			pumping station installations and isolations. The Methodology must be approved by a Professionally Registered (ECSA) Mechanical Engineer. Submit Certified Proof of Mechanical Engineer ECSA PR Certificate. Certified within 3 months of Tender Closing date.	structures 1. Sludge Sump Isolation (15%) 2.Pumping station design and layout including pumps, valves and pipework. Pump specifications and dimensions to be specified. (50%) 3. Sludge Water level controls (25%) 4. Risk Assessment (10%)		ogy not approved by a Professionally registered Mechanical Engineer = 0%	approved by a Professionally registered Mechanical Engineer = 40%	approved by a Professionally registered Mechanical Engineer = 80%	approved by a Professionally registered Mechanical Engineer = 100%

CIVIL SECTION (65%)

Criteria	0	40%	80%	100%
Provide 3 traceable evidence of executed work, contracts (with contracts numbers) and/or purchase order (with purchase numbers). (20%) • Water containing concrete Structural Repairs / Reinforced floor repairs and reinforced walls. • Tunnel repairs for water leaks • Dam walls structural repairs.	No evidence provided= 0%	Provided 1 traceable evidence= 40%	Provided 2 traceable evidence= 80%	Provided 3 or More traceable evidence= 100%
Technical Approach & Methodology (15%) Detailed work methodology clearly indicating the how the scope is going to be executed. - Repair methodology and sequence in details - Tools List , Materials and components - Detail Risk Assessment and method statement for working at heights on aging infrastructure and - Time Duration of task Detailed method statement signed by PR Civil and drafted in a systematic format. (Attach certificate and CV of the Pr Engineer and signed concern letter that they approve the method statement.) Failure to submit any of the above will result in no scoring given.	Not Submitted = 0%	Submitted but addressing 1- 2 points = 40%	Submitted but addressing 3 points = 80%	Submitted and addressing all points = 100%
Safety officer with SAMTRACT or safety related qualification and at least (1-3) Years of experience (5%) Site-specific safety plan. Attach certificate with CV.	No qualification or less than 1 year of experience = 0%	Submitted certificate with 1 year of experience and aligned CV = 40%	Submitted certificate with 2 year of experience and aligned CV = 80%	Submitted certificate with 3 year of experience and aligned CV =100%
Personnel with a certificate and at least (1-3) years of hazardous waste handling and disposal experience (15%) Attach certificate with CV.	No qualification or less than 1 year of	Submitted certificate with 1 year of experience	Submitted certificate with 2 year of experience	Submitted certificate with 3 year of experience and

	experience = 0%	and aligned CV = 40%	and aligned CV = 80%	aligned CV =100%
Welder related qualification with at least (1 – 3) years' experience (15%). Attach welder compliant with BS EN ISO 9606 with CV.	No qualification or less than 1 year of experience = 0%	Submitted certificate with 1 year of experience and aligned CV = 40%	Submitted certificate with 2 year of experience and aligned CV = 80%	Submitted certificate with 3 year of experience and aligned CV =100%
ECSA Candidate Engineer (10%) Submit a CV and BSc / Bing Qualification(s) for a registered ECSA Candidate Civil Engineer with a (3-5) years' experience within the Structural Repairs field.	No qualification or Less than 3 year of experience = 0%	Certificate with 3 year of experience = 40%	Certificate with 4 year of experience = 80%	Certificate with 5 year of experience = 100%
Construction Manager (10%) Submit CV and Civil technician with National Diploma Qualification with (3 -5) Years of experience in the field of reinforced concrete construction **(10%)**	No qualification or Less than 3 year of experience = 0%	Certificate with 3 year of experience = 40%	Certificate with 4 year of experience = 80%	Certificate with 5 year of experience = 100%
Total Threshold for both Mechanical and Civil : 75%				

4. TET MEMBERS.

All members of the Technical Evaluation Team (TET) shall be formally designated in writing by the appropriate Manager(s), who will assess and confirm the competence of these individuals to carry out the responsibilities of a technical evaluator.

TET 1	
TET 2	

4.1 TENDER TECHNICAL RETURNABLES RECEIVED

N/A

4.2 TECHNICAL CLARIFICATIONS

3.3.1 Summarise all clarification requests

N/A

3.3.2 Discuss / Summarise tender clarification responses

N/A

3.3.3 Include all Clarification Session Minutes in Appendix, if applicable

N/A

4.3 TECHNICAL EVALAUTION RESULTS

4.3.1 Summary of evaluation results

This will be populated upon tender returnable

4.3.2 Interpretation of evaluation results

This will be populated upon tender returnable

4.3.2.1 Mandatory Evaluation Results

This will be populated upon tender returnable

4.3.2.2 Qualitative Evaluation Results

This will be populated upon tender returnable

4.4 TECHNICAL INPUTS FOR PRICE ADJUSTMENTS

N/A

4.5 CONCLUSIONS

The Technical Evaluation Criteria will be used as the final document to technically score the tenderer. The final result will be combined from the two evaluators and averaged to conclude the results.

5. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
System Engineer	Civil Engineer
System Engineer	Mechanical Engineer
Line Manager	Engineering
Middle Manager	Engineering

6. REVISIONS

Date	Rev.	Compiler	Remarks
2025/07/24	0	System Engineer	Final Document For Technical Evaluation Criteria
2026/01/26	1	System Engineer	Revised Final Document For Technical Evaluation Criteria

7. DEVELOPMENT TEAM

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

- System Engineer 1
- System Engineer 2

8. ACKNOWLEDGEMENTS

None

9. APPENDIX 1: INDIVIDUAL SCORING FORMS

As per above.

10. APPENDIX 2: SCORING RESULTS FORM

N/A

11. APPENDIX 3: MINUTES OF MEETINGS

N/A

12. APPENDIX 4: NON-RESPONSIVE ITEM LISTS

N/A