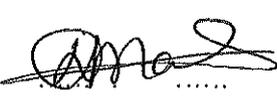


	<b>Strategy</b>	<b>Engineering</b>
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Title	<b>Tender technical evaluation for Matla Power 20kV Star, load side, transformer and 20kV breaker flexible Maintenance</b>	Unique Identifier	
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		Area of Applicability	Engineering
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Compiled by	Functional Responsibility	Authorised by
		
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Date: 16/05/2022	Date: 17/05/2022	Date: 19/05/2022

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## 1. INTRODUCTION

Matla Power Station is intending to request *Contractors* to tender for a service to provide 20kV Star, load side, transformer and 20kV breaker flexible maintenance work

## 2. SUPPORTING CLAUSES

### 2.1 SCOPE

Provide maintenance services (disconnecting, clean, installation, torqueing, sealing and commissioning) for Matla power station generator export system Side

#### 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

Applicable to Matla 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

[1] 240-48929482 Tender Technical Evaluation Procedure

### 2.3 DEFINITIONS

None

#### 2.3.1 Classification

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

### 2.4 ABBREVIATIONS

Abbreviation	Description
QC	Quality Control
QCP	Quality Control Plan
QAL2	Quality Assurance level 2
SA	South Africa

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## 2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482 Tender Technical Evaluation Procedure

## 2.6 PROCESS FOR MONITORING

N/A

## 2.7 RELATED/SUPPORTING DOCUMENTS

Tender Technical Evaluation Scoring Form

## 3. TENDER TECHNICAL EVALUATION STRATEGY

### 3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%

### 3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Londani Masutha	System Engineer
TET 2	Teboho Kabi	System Engineer

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**3.3 MANADATORY TECHNICAL EVALUATION CRITERIA**

**Table 2: Mandatory Technical Evaluation Criteria**

	<b>Mandatory Technical Evaluation Criteria</b>	<b>Reference to Technical Specification / Tender Returnable</b>	<b>Motivation &amp; Comments</b>
1	<ul style="list-style-type: none"> <li>• None</li> </ul>		
2			
3.			

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Qualitative Technical Evaluation Criteria

 EVALUATION CRITERIA- 20kV Star, load side, transformer and 20kV breaker flexible maintenance work											
(PART A) TECHNICAL CRITERIA - TECHNICAL SELECTION CRITERIA for Inspection, Disconnection, Reconnection and Maintenance of copper flexibles on Generator Star and Load Side at Matla Power Station.											
KPA - Area of Evaluation	Weight (%)	KPI - Criteria Evaluation Indicator	Minimum Criteria Evaluation Requirements	Source	Unit	Scale				Score	Weighted score
Company	15%	Experience	Company's background and experience on Isolated Phase Busbars maintenance service with a list of relevant projects	Reference list of work done with contactable references for all projects related to isolated phase busbar systems	15	No reference = 0%	1-2 Reference 40%	3-4 Reference 80%	4+ Reference = 100%		0
Human Resource	45%	Supervisor	Qualifications -N3/Matric -Electrical trade test -Min 3 years' experience	1 x Supervisor - Experience as a supervisor on projects listed on CV which are related to isolated phase busbar systems	15	Less than 3 years as supervisor experience = 0%	3 -4 years as a supervisor experience 40%	5-6 years as a supervisor experience 80%	7 + years as a supervisor experience = 100%		0
		Artisan	Qualifications -N3/Matric -Electrical trade test - Min 1 years' experience	1 x Artisan - Experience and projects listed on CV which are related to isolated phase busbar systems	10	Less than 1 years as an Artisan experience = 0%	1 -2 years as an Artisan experience 40%	3 - 4 years as an Artisan experience 80%	4 + years as an Artisan experience = 100%		0
		Professionally registered Engineer/Technician	Qualifications -N Dip/Btech/Degree in Electrical/Mechanical Engineering -ECSA registered as professional	1x Professionally registered Engineer/Technician	20	Less than 1 years as a registered professional = 0%	1 -2 years as a registered Professional 40%	3 -4 years as a registered professional 80%	4 + years as a registered professional = 100%		

Tender Technical Evaluation Strategy

			Qualifications -Grade 10 or higher/Signed affidavit confirming Grade 10	10 x Semi skilled with a minimum 1 year industrial working experience on the CV	5	Less than 1 year Experience = 0%	1 -2 years' Experience 40%	3 - 4 years Experience 80%	4 + years Experience = 100%	0
			Qualifications -Degree/Diploma/Certificate In safety	1x Safety officer with minimum 1 year industrial working experience on the CV	5	Less than 1 year Experience = 0%	1 -2 years' Experience 40%	3 - 4 years Experience 80%	4 + years Experience = 100%	
Experience in performing work of a similar nature and competence of staff	30%	Engineering ability	Method statement for the work to be executed as per the scope of work	A written method statement for the work to be executed covering all areas of work as per the scope of work and including the below items as a minimum		<70 = 0%	70-79= 40%	80-89= 80%	90-100= 100%	
				a Disconnection of all flexibles and plates for all areas as per the scope of work,	30					
				b Cleaning of the copper flexibles and all other areas as per the scope of work	20					
				c Connection of all flexibles and plates for all areas as per the scope of work,	30					
d Process for identification of defects on flexibles and copper plates	20									

Quality Control	10%	Quality control	A Quality control plan (QCP) covering all of the work to be completed by the contractor	QCP document which covers the work to be executed in all areas as per the scope of work and includes the following items as a minimum a Disconnection of all flexibles and plates for all areas as per the scope of work, b Cleaning of the copper flexibles and all other areas as per the scope of work c Connection of all flexibles and plates for all areas as per the scope of work, d Process for identification of defects on flexibles and copper plate	10	No QCP submitted for the work areas  0%	<3 listed minimum items are covered in the QCP items listed in source column of this sheet  40%	3 of 4 listed minimum items are covered in the QCP items listed in source column of this sheet  80%	4 of 4 listed minimum items are covered in the QCP items listed in source column of this sheet.  100%	0
TOTAL SCORE										0
<b>TAKE NOTE: ONLY TECHNICAL SUITABLE IF TOTAL SCORE IS EQUAL TO OR GREATER THAN 70%</b>										

**3.5 TET MEMBER RESPONSIBILITIES****Table 4: TET Member Responsibilities**

<b>Mandatory Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>
1	X	X
2	X	X
<b>Qualitative Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>
1	X	X
2	X	X
3	X	X
4	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1	
2	
3	
4	
5	
6	
7	

Table 6: Unacceptable Technical Risks

Risk	Description
1	
2	
3	
4	
5	
6	
7	

3.6.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1	
1	
2.	
3	
4	
5	
6	

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1	
2	
3	
4	
5	
6	
7	

#### 4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Lindokuhle Ngobese	Engineering Manager	

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
09 March 2022	0	L Masutha	Original document

#### 6. DEVELOPMENT TEAM

The following people were involved in the development of this document

#### 7. ACKNOWLEDGEMENTS

None

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