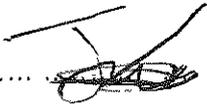


	<p style="text-align: center;">Strategy</p>	<p style="text-align: center;">Engineering</p>
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<p>Title</p>	<p>Tender Technical Evaluation for the LiDAR survey, Aerial and Bathymetric Survey for all Matla Dams for period of 5 Years.</p>	<p>Unique Identifier N/A</p>
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CONTENTS

	Page
1. EXECUTIVE SUMMARY	3
2. INTRODUCTION.....	3
2 1 SCOPE	3
2 1 1 Purpose	3
2 1 2 Applicability	3
2 2 NORMATIVE/INFORMATIVE REFERENCES	3
2 2 1 Normative	3
2 2 2 Informative	4
2 3 DEFINITIONS	4
2 3 1 Classification	4
2 4 ABBREVIATIONS	4
2 5 ROLES AND RESPONSIBILITIES	4
2 6 PROCESS FOR MONITORING	5
2 7 RELATED/SUPPORTING DOCUMENTS	5
3. TENDER TECHNICAL EVALUATION REPORT	5
3 1 TECHNICAL EVALUATION STRATEGY	5
3 2 MANDATORY TECHNICAL REQUIREMENTS	5
3 3 TECHNICAL EVALUATION THRESHOLD	6
3 4 TET MEMBERS	6
3 5 QUALITATIVE TECHNICAL EVALUATION CRITERIA	6
4. TET MEMBER RESPONSIBILITIES.....	8
FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	9
4 1 1 Risks	9
4 1 2 Exceptions / Conditions	9
5. AUTHORISATION	9
6. REVISIONS.....	9
7. DEVELOPMENT TEAM	9
8. ACKNOWLEDGEMENTS	9

TABLES

Table 1 Qualitative Technical Evaluation Criteria	7
Table 2 TET Member Responsibilities	8

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1. EXECUTIVE SUMMARY

Matla Power Station requested a Civil Engineering Consultant that will be responsible for all the dams and perform LiDAR survey, aerial survey, bathymetric survey and sub-bottom profiling of all Matla dams twice every year for a period of 5 years.

2. INTRODUCTION

Matla Power Station is intending to request for contractors that will provide engineering services by providing a LiDAR survey, Aerial and Bathymetric Survey for all Matla Dams for period of 5 Years

2.1 SCOPE

This scope gives the requirements and specifications for a LiDAR survey, aerial survey, bathymetric survey and sub-bottom profiling of Matla dams, this includes but is not limited to SWR, AWR North, AWR South, Final Cut, Unit 7 Dam, Seepage Dam, Raw Water Dam, Raw Water Pan (waste water), New Ash Dam (North and South Pools) and Dam 1&2

2.1.1 Purpose

The purpose of this order technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria and TET member responsibilities for tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This document will apply to all appointed involved in the technical tender evaluation of tenders received from the Service Provider(s) in response to Consultant that will be responsible for all the dams and perform LiDAR survey, aerial survey, bathymetric survey and sub-bottom profiling of all Matla dams twice every year for a period of 5 years

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] 240-53716726 Technical Scoring Form
 - [3] 240-53716712: Technical Evaluation Results

2.2.2 Informative

- [4] **MEA-06903** - This scope gives the requirements and specifications for a LiDAR survey, aerial survey, bathymetric survey and sub-bottom profiling of Matla dams, this includes but is not limited to SWR, AWR North, AWR South, Final Cut, Unit 7 Dam, Seepage Dam, Raw Water Dam, Raw Water Pan (waste water), New Ash Dam (North and South Pools) and Dam 1&2 twice every year for a period of 5 years

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
CIDB	Construction Industry Development Board
ECSA	Engineering Council of South Africa
TET	Tender Evaluation Team
APP	Approved Professional Person by Dept of Water Affairs
SD&L	Supplier Development and Localisation
SWR	Sluice Water Return
AWR	Ash Water Return

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

N/A

3. TENDER TECHNICAL EVALUATION REPORT

3.1 TECHNICAL EVALUATION STRATEGY

The Tenders will be evaluated as per the Technical Evaluation Criteria provided below. The following criteria will be evaluated for the tenders received

1. Functionality – Qualitative technical Requirements
2. Price
3. Objective Criteria (SHE & SD&L requirements)

The technical criteria will consist of the Mandatory Technical Requirements and Qualitative technical Requirements only, i.e. step 1.

The scope of the tender is predominantly confined to Civil Discipline. The technical criteria are therefore only civil related

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

3.2 MANDATORY TECHNICAL REQUIREMENTS

	Mandatory Technical Criteria Description	Reference to Technical Specification/Tender Returnable	Motivation for use of criteria
1	N/A		

3.3 TECHNICAL EVALUATION THRESHOLD

The scoring for each tender will be done as per the scoring table 2 shown below This table is as per the requirements of Tender Engineering Evaluation Procedure [1] The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.

3.4 TET MEMBERS

The TET members should be minimum of two (2) which will be doing the evaluations, however engineering manager shall nominate or appoint the TET members to do evaluations.

3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Functionality forms the second step in the evaluation process with a weighting of 100% The tender will be required to score a minimum of

70% in these technical criteria to qualify These requirements consist of Three (3) sub-criteria each with a weighting as shown in the table below

Tender Technical Evaluation for the LiDAR survey, Aerial and Bathymetric Survey for all Matla Dams for period of 5 Years.

Unique Identifier
Revision 0
Page 7 of 9

Table 1: Qualitative Technical Evaluation Criteria

Criteria	0	40%	80%	100%
<p>Provide Three (3) traceable evidence of executed work, contracts with completion certificates. (40%).</p> <ul style="list-style-type: none"> Ash Dam Lidar survey Aerial and Bathymetric survey of water Dams Ash Dam ashing plan 	No verifiable and traceable evidence provided	Provided 1 verifiable and traceable evidence	Provided 2 verifiable and traceable evidence	Provided 3 verifiable and traceable evidence
<p>Work Programme and Detail method statement: (40%)</p> <ul style="list-style-type: none"> Preparation of the works Equipment setup Surveying and scanning Identifying and naming of the dams Sludge/silt identification in the dams Ashing plan Dam level Trending Report and Data interpretation 	Not submitted or Submitted addressing between zero(0) and Two(2) point = 0%	Submitted but addressing between Three (3) and Four (4) points	Submitted but addressing between Five (5) and Six (6) points	Submitted but addressing Seven (7) and Eight (8) points
<p>Surveyor Technician with Bsc Geometrics carried by South African Geometrics Council (SAGC) as a professional land surveyor(PLS). must have at least (3 - 5) experience (20%).</p> <p>Attach certificate with CV</p>	No qualification or Less than 1 year of experience	Certificate with 3 years of experience	Certificate with 4 years of experience	Certificate with 5 years of experience
Threshold : 70%				

4. TET MEMBER RESPONSIBILITIES

Table 2: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1	X	X
2	X	X
Qualitative Criteria Number	TET 1	TET 2
1	X	X
2	X	X

There will be two Evaluation Team Members for this Tender

Setati Moyaha

Civil Engineer

Fatty Mahlangu

Civil Engineer

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FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

4.1.1 Risks

N/A

4.1.2 Exceptions / Conditions

N/A

5. AUTHORISATION

This document has been seen and accepted by.

Name	Designation
Setati Jack Moyaha	System Engineer
Fatty Mahlangu	System Engineer
Gavin Phelelo	Auxiliary Engineering Manager
Lindokuhle Ngobese	Engineering Manager

6. REVISIONS

Date	Rev.	Compiler	Remarks
June 2024	0	S J Moyaha	Final Document for Technical Evaluation Criteria

7. DEVELOPMENT TEAM

The following people were involved in the development of this document

Setati Jack Moyaha

8. ACKNOWLEDGEMENTS

N/A

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