Eskom	Strategy	Engineering

Title	***Tender Technical Evaluation for Geotechnical investigation, foundation design and Construction of concrete slab for Reverse Osmosis (RO) plant.***	Unique Identifier	**N/A**
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TABLES

1. INTRODUCTION

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

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of work gives the requirements for Geotechnical investigation and the foundation design of the Reverse Osmosis (RO) plant. The contractor shall Design and Construct the foundation and reinforced concrete slab from the geotechnical investigation of the in-situ materials.

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 evaluations of tenders received from the service provider(s) in response to Geotechnical investigation, foundation design and Construction of concrete slab for Reverse Osmosis (RO) plant

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- 06703- Geotechnical Investigation and slab design

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
ESCA	Engineering council of South Africa
RO	Reverse Osmosis
TET	Tender Evaluation Team

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 TECHNCIAL EVALAUTION REPORT

3.1 TECHNICAL EVALAUTION 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 Mandatory Technical Requirements

2 Functionality – Qualitative technical Requirements

The technical criteria will consist of the Mandatory Technical Requirements and Qualitative technical Requirements only, i e step 1 and 2

The scope of the tender is predominantly confined to the 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 80%

3.2 MANDATORY TECHNICAL REQUIREMENTS

The Mandatory score for CIDB is 4 CE.

	Mandatory Technical Criteria Description	**Reference to Technical Specification/Tender Returnable**	***Motivation for use of criteria***
1	Minimum CIDB CE level 4	Supply valid proof of CIDB grading	This work is classified as construction work as per the construction regulations

Functionality forms the second step in the evaluation process with a weighting of 100%. The tenderer will be required to score a minimum of 70% in these technical criteria to qualify.

3.3 TECHNICAL EVALUATION THRESHOLD

The scoring for each tender will be done as per the scoring table 3 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

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Setati Jack Moyaha	System Engineer
TET 2	Fatty Mahlangu	System Engineer

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 7

70% in these technical criteria to qualify These requirements consist of Seven (7) sub-criteria each with a weighting as shown in the table below

Table 2: Qualitative Technical Evaluation Criteria

Criteria	0	40%	80%	100%
Provide 3 traceable evidence of executed work, contracts with completion certificates. (25%) • Foundation Design • Concrete Slab Design • Concrete Slab Construction	No evidence provided	Provided 1 traceable evidence	Provided 2 traceable evidence	Provided 3 or More traceable evidence

Work Programme and method statement: (25%). Indicate the detail methodology for carrying out this work step by step. Demonstrate understanding of the sequence of the works • Preparation of the work • execution of work • Programme • Tool list • Organogram The method statement must be signed by a PR Eng Civil. Attach Qualification and CV (work experiences related to the scope of work)	Not submitted	Submitted (1-2) point	Submitted (3-4) points	Submitted and Complete
Safety officer with SAMTRACT or safety related qualification and at least 3 year experience (5%). Attach SAMTRACT certificate and CV showing experience	No qualification or Less than 1 year of experience	Certificate with 1 year of experience	Certificate with 2 year of experience	Certificate with 3 year of experience
Concrete Handler / Shutter hand grade 1. (5%) Attach Shutter hand grade 1 certificate and CV showing experience	No qualification or Less than 1 year of experience	Certificate with 1 year of experience	Certificate with 2 year of experience	Certificate with 3 year of experience
Steel Fixer with National Certificate in Concrete Reinforcing NQF Level 3. Provision for a steel fixer grade 1 will be considered with penalty on the score. (5%) Attach National Certificate in Concrete Reinforcing NQF Level 3 and CV showing experience	No qualification or Less than 1 year of experience	Certificate with 1 year of experience	Certificate with 2 year of experience	Certificate with 3 year of experience

Civil Technician with Ndip Civil with 3 years' experience as per the scope. (15%) Attach NDip Civil Qualification and CV showing experience	No qualification or Less than 1 year of experience	Certificate with 1 year of experience	Certificate with 2 year of experience	Certificate with 3 year of experience
Supervisor with at least construction regulations or *supervisory course and at least 3 years minimum* experience. (10%) Attach construction regulations or supervisory course certificate and CV showing experience	No qualification or Less than 1 year of experience	Certificate with 1 year of experience	Certificate with 2 year of experience	Certificate with 3 year of experience
Quality Control Plan (10%) **Illustrate understanding of work and areas of interest to be indicated in the QCP.** • Excavations • Soil Testing • Ground stabilisation • Steel fixing • Shuttering • Concrete compressive strength test results • Concrete casting	Not submitted	Submitted addressing (1-3) points	Submitted addressing (4-5)	Submitted addressing (6-7)
TOTAL				
Threshold : 70%				

3.6 TET MEMBER RESPONSIBILITIES

Table 3: 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

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

N/A

3.7.2 Exceptions / Conditions

N/A

4. 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 (Acting)
Lindokuhle Ngobese	Engineering Manager

5. REVISIONS

Date	Rev.	Compiler	Remarks
November 2022	0	S.J Moyaha	Final Document for Technical Evaluation Criteria

6. DEVELOPMENT TEAM

The following people were involved in the development of this document

Setati Jack Moyaha

7. ACKNOWLEDGEMENTS

N/A