



Strategy

Majuba Power Station

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Strategy for Reinstating Majuba
Power Station Fire Training Center**

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CONTENTS

	Page
1. INTRODUCTION	3
2. SUPPORTING CLAUSES.....	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.....	3
2.3 DEFINITIONS.....	3
2.3.1 Classification	3
2.4 ABBREVIATIONS	4
2.5 ROLES AND RESPONSIBILITIES.....	4
2.6 PROCESS FOR MONITORING.....	4
2.7 RELATED/SUPPORTING DOCUMENTS.....	4
3. TENDER TECHNICAL EVALUATION STRATEGY	4
3.1 TECHNICAL EVALUATION METHOD.....	4
3.2 TECHNICAL EVALUATION THRESHOLD	5
3.3 TET MEMBERS	6
3.4 MANDATORY TECHNICAL EVALUATION CRITERIA.....	7
3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA	8
3.6 TET MEMBER RESPONSIBILITIES.....	13
3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS	14
3.7.1 Risks.....	14
3.7.2 Exceptions / Conditions.....	14
4. AUTHORISATION	15
5. REVISIONS.....	15
6. DEVELOPMENT TEAM.....	15
7. ACKNOWLEDGEMENTS.....	15

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1. INTRODUCTION

An open enquiry invite will be issued calling for tenderers to participate in the tender process for reinstating of Majuba Power Station fire training center. This document sets out the method and criteria that will be used to evaluate the tenders that will result from this open enquiry invite.

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of this document is to capture the technical tender evaluation strategy for reinstating Majuba Power Station fire training center. The scope of the project includes construction of concrete slab, replacing roof sheets, painting, tiles installation, toilets replacement, and installing new fence.

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

This document applies to the Tender Evaluation Team for reinstating of Majuba Power Station Fire Training Center.

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.

2.2.2 Informative

[2] Scope of Work for Reinstating Majuba PS Fire Training Centre.

2.3 DEFINITIONS

2.3.1 Classification

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

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2.4 ABBREVIATIONS

Abbreviation	Description
EIT	Engineer in Training
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team
PS	Power Station

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

None

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION METHOD

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications. Tenderers need to have a weighted score of 70% overall or more to technically qualify for further evaluation.

The technical criteria and weighting is broken down as follows:

- a) Engineering: 90%
- b) Project Control: 10%

The evaluation of the tender submission will be based on the tenderer's ability to meet the engineering requirements. A weighted score card approach will be used to evaluate the tender submission against the specifications and Employer's requirements.

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The scoring method will be as follows:

SCORE	PERCENTAGE	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none"> Meet technical requirement(s) AND; No foreseen technical risk(s) in meeting technical requirements.
4	80	COMPLIANT WITH ASSOCIATED QUALIFICATIONS <ul style="list-style-type: none"> Meet technical requirement(s) with; Acceptable technical risk(s) AND/OR; Acceptable exceptions AND/OR; Acceptable conditions.
3	60	Marginally does not meet Employer's Requirements <ul style="list-style-type: none"> Some minor errors, risks, weakness or omissions which can be corrected or overcome with negotiation and minor cost impact
2	40	NON-COMPLIANT <ul style="list-style-type: none"> 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

The evaluation scores will be weighted as follows according to disciplines:

Engineering (90%)	
Civil	90%
Project Control (10%)	
Project Control	10%
TOTAL (100%)	
Overall minimum threshold for qualification (70%)	

3.2 TECHNICAL EVALUATION THRESHOLD

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

**Tender Technical Evaluation Strategy for Reinstating Majuba
Power Station Fire Training Center**

Unique Identifier:

Revision: **1.0**

Page: **6 of 16**

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3.3 TET MEMBERS

Table 1: Core TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 1 Civil Engineering	Mthobisi Shongwe	Engineer In Training

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3.4 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1	<p>Relevant experience (track record):</p> <ul style="list-style-type: none"> • Project name • Description of work performed • Project cost (only for scope performed) • Project start and end date <p>The tenderer submits a list of traceable references which adequately proves that the tenderer has at least completed two (2) contracts successfully of similar scope in the last ten (10) years. Name, designation and contact number of reference person.</p>	<p>Submit project completion certificates with the following information, per reference plant:</p> <ul style="list-style-type: none"> • Contact Person • Contact Number • Project description • Construction period • Contract Value 	<p>Concrete work, painting and fencing experience is required to ensure tenderer has requisite capability and experience to undertake this project.</p>

3.5 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Mandatory Requirements

- a. CIDB Level
- b. ISO 9001

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Civil Engineering			90	
	1.1	<p>Company to have minimum 3 years' experience in slab construction, fence installation, painting and replacing roof sheet. Proof of contractual agreements indicating experience of a minimum of 3 years to be provided for verification purposes (no pricing required).</p> <p>The following to be included as a minimum:</p> <ul style="list-style-type: none"> ➤ Contract number ➤ Signed agreement page ➤ Client name and signature ➤ Start date and end date of contract ➤ At least one Reference with contact details. <ul style="list-style-type: none"> • 3 years or more experience = 35 • 2 years or more experience = 25 • 1 year or more experience = 15 • Less than 1 year experience = 0 			35

**Tender Technical Evaluation Strategy for Reinstating Majuba
Power Station Fire Training Center**

Unique Identifier:

Revision: **1.0**

Page: **9 of 16**

Key Resource	1.2	<p>Key Resource Requirements:</p> <p>The Contractor clearly indicates in the submission/organogram who the appointed site manager is. CV containing proof of qualifications with copies of certificates, diplomas, degrees, etc. Non-SA qualifications to be accompanied by SAQA certificate of evaluation.</p> <p>CV containing details of work experience and valid references as proof of experience.</p> <p>The designation(s), responsibilities or projects, and durations of the relevant experience must be clearly outlined.</p> <ul style="list-style-type: none"> • Demonstrate that the proposed key personnel have worked on similar projects. CVs for key personnel to be used on this project to be submitted. A site organogram structure including proof of the qualifications and experience of the key staff. Minimum requirements are as follows: <ul style="list-style-type: none"> ➤ Contract Manager: Technical qualification, management or project management qualification, NEC3 training and related experience in contract management of at least three (3) years= 10 points ➤ The main contractor's Site Manager must have a diploma (or higher) in a technical discipline (Civil) with a minimum of three (3) years relevant experience=10 points ➤ Supervisor: Technical diploma, completed supervisory training and at least three (3) years of experience with projects=5 points • Demonstrate that each of the proposed key resources have a minimum of 3 years' relevant experience, • Demonstrate the availability of the proposed resources to meet the tenderer's proposed key dates, <p>Scoring Criteria for each key personnel:</p> <ul style="list-style-type: none"> • Submission of CVs of key personnel which states that key resources have minimum of 3 years' relevant experience in similar projects with required qualification and 			25
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Tender Technical Evaluation Strategy for Reinstating Majuba Power Station Fire Training Center

Unique Identifier:

Revision: **1.0**

Page: **10 of 16**

		<p>demonstrate their availability = 10</p> <ul style="list-style-type: none"> • Submission of some CVs of key personnel which states that key resources have 2 years and relevant experience in similar projects and demonstrate their availability = 8 • Submission of some CVs of key personnel which states that key resources have less 1 or more years' relevant experience in similar projects and demonstrate their availability = 4 • Key resources do not have Professional Registration and/or have 1 year or less experience in construction supervision of ash disposal facilities and infrastructures = 0 			
1.3		<p>Construction Method Statement</p> <p>Compliance to the full scope of work and includes the following as a minimum:</p> <ul style="list-style-type: none"> o Concrete slab construction o Install new fence and gate o Replace roof sheets o Tiles installation o Toilets replacement <p>The tenderer must submit:</p> <ul style="list-style-type: none"> • A method statement providing details of the construction and painting. • A method statement providing details of compliance to the full scope. • Construction approach must be aligned with the key dates. <p>Scoring Criteria:</p> <p>, Brief Project Description, Valid Contact Details.</p> <ul style="list-style-type: none"> • Compliance to the full scope of work which includes concrete slab construction, painting, replace roof sheets and toilets, installation of fence and gate, and submit method statement 	List of Technical Tender Returnable Item 3		30

Tender Technical Evaluation Strategy for Reinstating Majuba Power Station Fire Training Center

Unique Identifier:

Revision: **1.0**

Page: **11 of 16**

		<p>providing details of compliance to the full scope = 30</p> <ul style="list-style-type: none"> • Compliance not to the full scope of work and submit method statement = 20 • Compliance not to the full scope of work and submit method statement without providing full details of compliance to the full scope = 15 • No submission made = 0 			
2.	Planning Requirements			10	
	2.1	<p>The tenderer has provided program showing activities of all the project work to be done by the contractor, and the other work covered by the contract that is being done by the subcontractors (i.e., is the entire scope of the works represented?)</p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> • Provision of program showing all activities = 2 • Provision of a program with less than 2 activities = 1 • No provision of program = 0). 	List of Technical Tender Returnable		2
	2.2	<p>The schedule show a logical links / sequence / relationships that connect the various activities together.</p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> • Provision of a schedule showing logical links/sequence/relationship = 2 • Provision a schedule = 1 • No provision schedule = 0 			2
	2.4	<p>The works is completed within accepted durations that are in consistence with key dates provided in the contract data. Milestone dates in line with key date/contract data shown on the schedule.</p> <p>Scoring criteria:</p>			2

**Tender Technical Evaluation Strategy for Reinstating Majuba
Power Station Fire Training Center**

Unique Identifier:

Revision: **1.0**

Page: **12 of 16**

		<ul style="list-style-type: none"> • Provision of schedule showing work that is completed with accepted durations that are consistent with key dates provided in the contract = 2 • Provision of schedule showing work that is completed within unaccepted durations and are inconsistent with key dates provided in the contract = 1 • No provision schedule = 0. 			
	2.5	<p>The program has in it, hold-points for approving of the works by the Employer's professional team (i.e. key milestones are incorporated into program).</p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> • Provision of program which has hold-points for approving of works by the employer's professional team = 2 • Provision of program which has no hold-points for approving of works = 1 • No provision program = 0 			2

3.6 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6
1	X	X	X	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6
1.1	X	X	X	O	X	X
1.2	X	X	X	O	X	X
1.3	X	X	X	O	X	X
1.4	X	X	X	O	X	X
1.5	X	X	X	O	X	X
1.6	X	X	X	O	X	X
1.7	X	X	X	O	X	X

3.7 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.7.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Contractor not able to comply to WUL requirements
2.	Contractor not able to take accountability for constructed works
3.	Contractor unable to provide required certifications and hand-over

3.7.2 Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Consultants technical submission does not address entire scope required

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature
Mthobisi Shongwe	Auxiliary Engineering Civil	
Sipho Masango	Senior Mechanical Auxiliary Engineering	
Sinothi Buthelezi	Auxiliary Engineering Line Manager	

5. REVISIONS

Date	Rev.	Compiler	Remarks
August 2022	1.0	Mthobisi Shongwe	First Draft: Technical Evaluation Strategy

6. DEVELOPMENT TEAM

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

- Mthobisi Shongwe

7. ACKNOWLEDGEMENTS

- N/A

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APPENDIX A: LIST OF TENDER TECHNICAL RETURNABLES

Item	Title	Details
1	Technical proposal	Item identifies approach to the requested scope of works and assists in evaluating the method which will be applied by the professional individual to assess and report on the scope of works.
2	CV & qualifications of key personnel	Item identifies relevant qualification and experience profile to demonstrate level of experience of resource.
3	Relevant experience and list of references	Items identifies list of verifiable relevant references. This includes as a minimum Project Name, Brief Project Description, Valid contact details.
4	Signed letter from the Designer approving ECSA Registered Civil Engineers	Item confirms Legislative Requirement as per WUL.

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