	Strategy	Majuba Power Station
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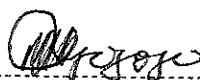


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Compiled by	Supported by	Functional Responsibility	Authorized by
			
Mthobisi Shongwe Civil Engineer	Ndivhuwo Negogogo Senior Civil engineer	Sinothi Buthelezi Auxiliary Engineering Manager	Johan Swanepoel Middle Manager Engineering
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1. INTRODUCTION

An open enquiry invite will be issued calling for interested parties to participate in the tender process for maintenance of the Palmford railway line to Tippler yard, siding, overhead traction equipment (OHTE), battery limits and substations. This document outlines the methodology and standards that will be applied to evaluate the tenders that are received in response to this open inquiry invitation.

2. SUPPORTING CLAUSES

2.1 SCOPE

This strategy defines the technical tender evaluation strategy for maintenance of railway line and sidings. The scope of the project is as described in the Majuba Power Station Railway Maintenance SOW.

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 is applicable to Engineering team working on the maintenance contract.

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] 240-44682850: PCM - Provide Engineering During Project Sourcing
- [3] 32-1033: Eskom Procurement and Supply Chain Management Policy
- [4] 32-1034: Eskom Procurement and Supply Management Procedure.

2.2.2 Informative

- [5] 474-59: Internal Audit Procedure
- [6] ISO 9001 Quality Management Systems.

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2.3 DEFINITIONS

Definition	Description
Tender	A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification

2.3.1 Classification

Confidential

2.4 ABBREVIATIONS

Abbreviation	Description
TET	TECHNICAL EVALUATION TEAM
SOW	SCOPE OF WORK

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

Majuba Power Station Railway Maintenance SOW.

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3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION METHOD

In order to be eligible for evaluation, the tenderer shall meet all the mandatory requirements.

The evaluation of tenders will be based on the tenderer's ability to meet the requirements specified in the Majuba Power Station Railway Maintenance scope of work. A weighted score card approach will be used to evaluate the technical compliance of the tenders against the Employer's requirements. Tenderers need to have a weighted score of 70% overall or more to technically qualify for further evaluation.

The technical criteria and weighting are broken down as follows:

a) Civil Engineering Services: 90%

b) Planning 10%

Planning Requirements

3.1.1 Mandatory Technical Evaluation Criteria

Not applicable

3.1.2 QUALITATIVE CRITERIA EVALUATION

The scoring method will be as follows:

Table 1: Qualitative Evaluation Criteria Scoring Table

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.
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
Note 1: The scoring table does not allow for scoring of 1 and 3		

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

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

3.1.3 TECHNICAL EVALUATION THRESHOLD

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

3.1.4 TET MEMBERS

A Table 2: Core TET Members

TET number: Section to be evaluated	TET Member Name	Designation
TET 1: Auxiliary Engineering	Mthobisi Shongwe	Civil Engineer
TET 2: Auxiliary Engineering	Lucky Negogogo	Senior Civil Engineer:
TET 3: Auxiliary Engineering	Mpumelelo Mnisi	Civil Engineer
TET 4: Auxiliary Engineering	Muawiya Pilodia	Civil Engineer
TET 5: Auxiliary Engineering	Sinothi Buthelezi	Line manager

3.1.5 MANDATORY TECHNICAL EVALUATION CRITERIA

In order to be eligible for evaluation, the tenderer shall meet the following gatekeepers

B Table 3: Mandatory Technical Evaluation Criteria

Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
Not applicable		

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3.1.6 Qualitative Technical Evaluation Criteria

Table 4: Qualitative Technical Evaluation Criteria

Civil And Structural - Qualitative Technical Criteria					
No	Criteria	Description	Criteria Sub Weighting (%)	Range	Pts
1.1	Construction Equipment List	Indicate application i.e., which equipment will be used as per the chosen methodology described in the Method Statements. Furthermore, indicate the availability of the equipment. The Contractor provides indication of intent to hire/lease equipment where applicable.	10	Not Provided	0
				List with no methodology application BUT with availability indication OR intent to hire/lease	2
				List with methodology application AND availability indication OR intent to hire/lease	4
				List with methodology AND availability indication AND intent to hire/lease	5
1.2	Proposed Civil & Electrical Work Plan (Programme)	Provide a Programme listing all activities required to execute the full scope of works. The dates generated by the Programme activities represent the anticipated start and completion of work required to execute the full scope of work in a logical and realistic manner.	10	Not Provided	0
				Programme provided BUT non-compliance to the SOW	2
				Programme provided AND compliance to the SOW BUT sequencing needs refinement	4
				Programme presented in a logical manner with full compliance to the SOW	5
1.3	Method Statement for Execution of The Proposed Civil & Electrical Works	Provide a general method statement indicating how the tenderer will perform all Maintenance work required to execute the full Scope of Work. The Method Statement includes all elements of the scope <ul style="list-style-type: none"> • Existing track and rail siding • Gravel and paved Road and drainage system • Signs • Track section replacement works • Maintenance of existing overhead traction equipment • Maintenance of substations and transformer equipment 	30	Total deficiency AND non-compliance to the SOW	0
				Partial deficiency OR non-compliance to the SOW	2
				Partial deficiency AND compliance to the SOW	4
				Complete compliance to the SOW	5
1.4	List Of Completed Maintenance of Railway Projects with Partnership Agreement/Letter	The Contractor must provide a track record of five completed projects as a minimum for Railway maintenance. The Contractor submits the following information with each reference project:	30	Not Provided OR less than 5 complete project references submitted	0

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	of Intent If Applicable	<ul style="list-style-type: none"> • Description • Value • Date • Client Contact details <p>In the case that the tenderer intends to subcontract or form a joint venture, a partnership agreement/letter of intent, together with individual track records of each party involved is to be provided.</p>		5 complete project references submitted BUT no agreement/letters provided OR unrelated project experience	2
				5 complete project references submitted BUT with agreement/letters AND unrelated project experience	4
				5 complete project references submitted with agreement/letters AND relevant project experience	5
1.5	CV's Of Proposed Full Time Project Team to Have a Minimum Of 3 Years Post Registration Experience each	<p>Provide complete project team structure (organograms) based on the full scope of work i.e., site team organogram and design team organogram. The organogram must be accompanied by a letter confirming the availability of project team for the duration of the project. It is noted that team members may only be replaced with individuals of equal or higher level of competence, after Client approval. The CVs of all civil team members in organogram must be submitted.</p> <p><u>Minimum Requirements Team</u></p> <ul style="list-style-type: none"> • Project/Contract Manager- Civil qualification with minimum of National diploma • Site Manager- Civil qualification with minimum of National diploma • Registered Safety Officer-SACPCMP, SAMTRAC • Electrical Technician- minimum of National diploma • Artisan- Relevant Artisan Accredited certificate • Supervisor <p>The number of years of relevant experience of the individual must be provided in the CV.</p>	10	Experience does not match the role and responsibility of the Professionally Registered Engineers or team	0
				Some of CV's Of Proposed Full Time Project Team and some have Minimum Of 3 Years Post Registration Experience each	2
				CV's Of Proposed Full Time Project Team have without the Minimum Of 3 Years Post Registration Experience each	4
				CV's Of Proposed Full Time Project Team have Minimum Of 3 Years Post Registration Experience each A	5

Planning – Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
2.	Planning Requirements		10%	10
2.1	The tenderer has provided a level 3 program in Primavera P6 (XER) or Microsoft Project (MPP)format, 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 sub-contractors (i.e., is the entire scope of the works represented?). The schedule is to be provided in Hardcopy Print-out and Soft Copy (Primavera P6 or MS Project) Scoring criteria:	List of Technical Tender Returnable	2%	2

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	<ul style="list-style-type: none"> • Provision of a level 3 program in Primavera P6 or Microsoft Project (MPP) showing all activities (Full scope of work) = 5 • Provision of a level 3 program in Primavera P6 or Microsoft Project (MPP) with minor activities missing activities (Minor missing scope of work) = 4 • Provision of a level 3 program in Primavera P6 or Microsoft Project (MPP) with some activities (More than half of scope missing) = 2 • No provision of program = 0 			
2.2	<p>The schedule shows 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 all activities linked only the first and the last activities are open = 5 • Provision of schedule showing links/sequence/ relationships with few activities not linked = 4 • Provision a schedule however there are few logical links/sequence/ relationships on all activities = 2 • No provision schedule = 0 		1%	1
2.3	<p>The CPM (Critical Path Method) technique is used for programme and planning</p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> • Provision of a schedule showing logical links/sequence/ relationship and Critical path is clearly shown on the schedule= 5 • Provision of a schedule showing links/sequence/ relationships with few activities not linked critical path shown on the schedule = 4 • Provision a schedule however there are few logical links/sequence/relationships on all activities, no critical path shown on the schedule = 2 • No provision schedule = 0 		1%	1
2.4	<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 key milestones and hold-points for approving of works by the employer's professional team = 5 • Provision of program which has some key milestones and hold-points for approving of works with professional team = 4 • Provision of program which has either hold-points or key milestones for approving of works team = 2 • No provision program = 0 		2%	2
2.5	<p>The works is completed within accepted durations that are consistence with key dates provided in the contract data.</p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> • Provision of schedule showing work that is completed within accepted durations that are consistent with key dates provided in the contract = 5 • Provision of schedule showing work that is completed within accepted durations that are consistent with key dates provided in the contract, the proposed schedule is out by less than 30 days from the accepted duration = 4 • Provision of schedule showing work that is completed within unaccepted durations and are inconsistent with key dates provided in the contract however the proposed schedule has a duration more than 60 days from the accepted duration = 2 • No provision schedule = 0. 		4%	4

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3.1.7 TET Member Responsibilities

Table 5: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3
1	X	X	X
2	X	X	X
Qualitative Criteria Number	TET 1	TET 2	TET 3
1.1	X	X	X
1.2	X	X	X
1.3	X	X	X
1.4	X	X	X
1.5	X	X	X
2	X	X	X

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3.1.8 Foreseen Acceptable / Unacceptable Qualifications

3.1.8.1 Risks

C Table 6: Acceptable Technical Risks

Risk	Description
1.	N/A

D Table 7: Unacceptable Technical Risks

Risk	Description
1.	Exclusion of Professional Registration Certificates of key personnel allocated to perform specified works
2.	Exclusion of a project specific schedule
3.	Exclusion of proof/record of completed projects of similar scope with traceable references

3.7.2 Exceptions / Conditions

E Table 8: Acceptable Technical Exceptions / Conditions

Risk	Description
	N/A

Table 9: Unacceptable Technical Exceptions / Conditions

Risk	Description
	Contractor technical submission does not address entire scope required

4. AUTHORISATION

This document has been seen and accepted by:

TET number	TET Member Name	Designation	Signature
1	Ndivhuwo Negogogo	Senior Civil Engineer	
2	Mthobisi Shongwe	Civil Engineer	
3	Mpumelelo Mnisi	Civil Engineer	
4	Muawiya Pilodia	Civil Engineer	

5. REVISIONS

Date	Rev.	Compiler	Remarks
October 2023	1	Mthobisi Shongwe	First issue

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TET number	TET Member Name	Designation	Signature
1	Ndivhuwo Negogogo	Senior Civil Engineer	
2	Mthobisi Shongwe	Civil Engineer	
3	Mpumelelo Mnisi	Civil Engineer	
4	Muawiya Pilodia	Civil Engineer	

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