Eskom	Strategy	Engineering

Title: **Tender Technical Evaluation Strategy for Maintenance services and Spares Supply of Cranes, Hoist & Lifting Equipment**

Document Identifier:	**GVL/0604**
Alternative Reference Number:	**N/A**
Area of Applicability:	**Grootvlei Power Station**
Functional Area:	**Engineering**
Revision:	**1**
Total Pages:	**17**
Next Review Date:	**AS REQUIRED**
Disclosure Classification:	**Controlled Disclosure**

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

Contents

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

1. Introduction

Grootvlei Power Station has Cranes, Hoist & Lifting Equipment at various parts of the plant. It is required to procure services from a suitably qualified contractor/tenderer for Preventative Maintenance, Service, Repairs and Statutory Inspections for the Grootvlei Power Station cranes, hoist and crawlers & beams as contemplated in the Occupational Health and Safety Act 85 of 1993, Reference: Driven Machinery Regulations, including after hour's emergency standby service and provision of spares for all repairs/ eventualities.

The station has invited tenderers that could assist in carrying out the scope for service and maintenance of various cranes and hoist under this Reference: GVL0486. This strategy spells out the requirement that the tenderers must comply with in order to be considered for carrying out the scope of work.

2. Supporting Clauses

2.1 Scope

This document covers the different aspects that will be evaluated and scored by the Technical Evaluation Team (TET) to complete the technical evaluation for the Preventative Maintenance, Service, Repairs and Statutory Inspections for the Grootvlei Power Station cranes, hoist and crawlers & beams. The team members are listed and appointed in this document along with their responsibilities. The document also describes the acceptable and unacceptable risks and qualifications and/or conditions. Once the Technical Evaluation Strategy is authorized no changes will be made to the evaluation criteria without appropriate authorization

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 Grootvlei Power Station only

2.1.3 Effective date

N/A

2.2 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

2.2.1 Normative

[1] 240-48929482: Tender Technical Evaluation Procedure

[2] 240-168966153 Generation Technical Tender Evaluation Procedure (Rev 1)

[3] ISO 9001 Quality Management Systems.

2.2.2 Informative

[4] 32-1033: Eskom Procurement and Supply Chain Management Policy

[5] 32-1034: Eskom Procurement and Supply Management Procedure

[6] Occupational Health and Safety (OHS) Act No. 85 of 1993, Regulation 18 of the Driven Machinery Regulations.

[7] GVL0486 - GVL Cranes Hoist & Lifting Equipment Maintenance Scope of Work

2.3 Definitions

Definition	Explanation
Contractor/Tenderer	Refers to the company/supplier appointed to perform the works
Employer	Refers to Eskom Holdings State Owned Company
The Client	The end user will be Eskom who will be represented by Grootvlei Power Station throughout the duration of the works.

2.3.1 Classification

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

2.4 Abbreviations

Abbreviation	Explanation
TET	Technical Evaluation Team
OHS	Occupational Health and Safety (OHS) Act

2.5 Roles and Responsibilities

As per Tender Technical Evaluation Procedure [1].

2.6 Process for Monitoring

N/A

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

2.7 Related/Supporting Documents

GVL0486 - GVL Cranes Hoist Lifting Equipment Maintenance Scope of Work

3. Tender Technical Evaluation Strategy

3.1 Technical Evaluation Method

The basic steps for a technical evaluation must be followed as per the Tender Technical Evaluation Procedure [1].

A two stage Technical Evaluation Strategy is set out.

Stage 1: Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and the tenderer shall not be further evaluated against Qualitative Criteria.

Stage 2: Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion.

The evaluation of the tender submission will be based on the tenderer's ability to meet the technical requirements for the work. A weighted scorecard approach is used to evaluate the technical compliance of the tenders against the scope of work.

The scoring method will be as follows:

SCORE	PERCENTAGE	DESCRIPTION
5	100	**COMPLIANT** • Meet technical requirement(s) AND; • No foreseen technical risk(s) in meeting technical requirements.
4	80	**COMPLIANT WITH ASSOCIATED QUALIFICATIONS** • Meet technical requirement(s) with; • Acceptable technical risk(s) AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions.
2	40	**NON-COMPLIANT** • 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**

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

The evaluation scores will be weighted as follows:

Engineering (100%)	
General	25%
Staff Experience & Qualifications	50%
Special Tools & Equipment	25%
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%.

3.3 ET Members

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Pitso Letsoenyo	Grootvlei PS Auxiliary Systems Engineer
TET 2	Mishack Mdluli	Senior Technologist Engineer
TET 3	Doctor Mazeka	Electrical Plant Systems Engineer
TET 4	Teboho Mabote	Senior Maintenance Technician

3.4 Mandatory Technical Evaluation Criteria

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

Table 2: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	Contractor to be registered with a Lifting machinery entity as per OSH Act No. 85 of 1993 Driven Machinery Regulations 18.	Proof of compliance. (A valid letter for good standing from the Department of Labour that authorize the Contractor to perform such work will be considered).	Legal requirement Safety of people and plant
2.	Company must have a valid Lifting Machinery Inspector (LMI) personnel registered by the Engineering Council of South Africa (ECSA)	Proof of valid LMI registration (a copy of LMI certificate) with ECSA. Singed affidavit from LMI with SAPS stamp confirming the use of his/her LMI certificate by the company.	Compliance to OHS Act 85 of 1993.

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

3.5 Qualitative Technical Evaluation Criteria

Table 3: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)	Evaluation Scoring Breakdown			
					0	2	4	5
1.	**General**		**25**					
1.1	**Contractor's relevant experience in conducting designs, refurbishments and/or installation of overhead cranes and Maintenance:** List of verifiable references (minimum of 3 projects) must be provided. The Contractor must submit evidence of reference projects	Tender Returnable: List of completed projects in Previous Projects Template (Appendix A)		**75**	Less than 3 work done on previous projects of similar scope	Work conducted on 3 projects of similar scope	Work conducted on 4 projects of similar scope	Work conducted on more than 4 projects of similar scope

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

	with the following information: ▪ Project Name ▪ Description of work performed ▪ Project start and end date ▪ Name, designation and contact number of the reference person							
1.2	Tenderer to submit a project organogram reflecting the key staff required for the works. Organogram provided should consider the off-site	-		**25**	No submission made	Organogram submitted, however it does not consider the required staff for the works	Organogram submitted and contains at least 80% of all required key staff for the work -	Organogram submitted, it fully considers all required key staff for the work

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

	resources for Emergencies.							
2.	**Staff experience & Qualifications**		**50**					
2.1	Tenderer to submit the CV of the Site Supervisor as per the project organogram. Must have undergone a Supervisory training from reputable institution with 5 years minimum technical experience, NEC contract knowledge, Microsoft office, Health and Safety knowledge	Section 4.4		50	No submission made	Less than 5 years relevant experience	5 years relevant experience	More than 5 years relevant experience
2.2	Tenderer to submit the CV of the 1-off Qualified Competent Technician /Artisan as per the project organogram.	-		30	No submission made	Less than 5 years relevant experience	5 years relevant experience	More than 5 years relevant experience

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

	(Must be qualified and in a possession of a valid trade test certificate or in a possession of a competency certificate issued by the OEM with 5 years minimum technical experience and both must be qualified Millwright artisan.							
2.3	Tenderer to submit the CV of the 1 – off Qualified Competent LMI Technician as per the project organogram. Must have qualified and in a possession of a valid trade test certificate in	-		20	No submissions made	Less than 5 years relevant experience	5 years relevant experience	More than 5 years relevant experience

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

	Mechanical Engineering or in a possession of a competency certificate issued by the OEM and or Crane/ hoist qualification, registered with a professional body – LMI with 5 years minimum technical experience							
3.	**Special Tools & Equipment**		**25**					
3.1	High-level technical proposal for the execution of mechanical works which as a minimum includes, Limit switches, Wheels and buffers, Ropes, Gearboxes and Brakes.	Section 3.2		70	No submission made	Technical method statement covers less than three of the minimum required mechanical scopes	Technical method statement covers three of the minimum required mechanical scopes	Technical method statement covers all mechanical scope

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

3.2	High-level technical proposal for the execution of electrical works. The methodology in a form of a narrative and supportive documentation shall include the following as a minimum: • Cabling and cable rack assessment methodology • Compliance to motor requirements • Compliance to variable frequency drives requirements • Compliance to earthing and bonding requirements.			30	No submission	Narrative methodology and execution plan is incomplete, unclear and non-complaint with unacceptable risk, exceptions and conditions	Narrative technical methodology and execution plan contains ambiguity and deviations with acceptable risk, exceptions, and conditions	Comprehensive narrative provided which explicitly details the Tenderers execution plan and compliance to the electrical Works without deviations.
			TOTAL: 100					

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

3.6 TET Member Responsibilities

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4
1.1	X	X	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**
1.1	X	X	X	X
1.2	X	X	X	X
2.1	X	X	X	X
2.2	X	X	X	X
2.3	X	X	X	X
3.1	X	X		X
3.2			X	

3.7 Foreseen Acceptable / Unacceptable Qualifications

3.7.1 Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	Proposing Standards and Procedures (motivated in detail) other than the specified Standards and Procedures in the scope of work

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Non-compliance or deviation with sections of the scope of work and standards without adequate explanation or alternatives
2.	Exclusions of scope specified in the Scope of Works
3.	The approach is generic and not tailored to address the specific project objectives and requirements. The approach does not consider all the critical characteristics of the work
4.	The Contractor does not show a full understanding of the scope of work
5.	The experience level of the Contractor to perform such works
6.	Change of Sub-Contractors after Tender award

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

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.	Deviations to any part of the scope of work without providing alternate solutions
2.	The technical proposal/method statement is generic, incomplete and not tailored to address the specific project objectives, scope and constraints. It does not deal with the critical constraints and hazards of the project.

Table 9: Unacceptable Technical Risks

Risk	Description
1	**N/A**

4. Acceptance

This document has been seen and accepted by:

Note: Initials not acceptable

5. Revisions

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

6. Development Team

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

7. Acknowledgements

None

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30

Appendix A – Contractor's Relevant Experience

List of Completed Projects			
Project name	**Description of work performed**	**Project start and end date**	**Name, designation and contact number of reference person**

CONTROLLED DISCLOSURE

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Eskom Holdings SOC Ltd, © copyright Eskom Holdings SOC Ltd, Reg No 2002/015527/30