Eskom	Strategy	Engineering

Title: **Maintenance, Servicing and repairs of coal and ash plant electrohydraulic actuators and Power Packs systems**

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Compiled by	Reviewed by	Supported by	Approved by
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CONTENTS

TABLES

1. INTRODUCTION

This technical evaluation document will be used to determine the suitable and qualifying supplier to offer service for Maintenance, Servicing and repairs of coal plant electro hydraulic actuators and Power Packs systems for Coal and Ash Plant Kendal Power Station on an as and when required basis for a period of 5 years.

2. SUPPORTING CLAUSES

2.1 SCOPE

- Maintenance, Servicing and repairs of coal plant electro hydraulic actuators and Power Packs systems

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's responsibilities for the tender technical evaluation process.

2.1.2 Applicability

This document applies only applicable to Kendal power Station

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] *1037767 Kendal Power Station Procurement Purchase Requisition Compliance Checklist

[3] 32-188, Eskom's Procurement and Supply Chain Management Procedure

2.2.2 Informative

[4] Occupational Health and Safety Act

[5] 32727, SHEQ policy

2.3 DEFINITIONS

2.3.1 General

Definition	Description
Component	Any self-contained part, combination of parts, subassemblies or units, which perform a distinctive function necessary to the operation of a system.
Eskom Cardinal rules	Are safety rules designed to keep all employees and visitors safe at all times, so that they must be acted upon at all times.
Maintenance	A combination of all technical, administrative and managerial actions during the lifecycle of an item intended to retain it in, or restore it to, a condition in which it can perform its required function.
Material deviations	It is the non-conforming deviation to the technical requirements e.g. has the detrimental effects on the scope or quality or performance of works as identified in the Scope of Works.
Method Statement	A written document detailing the key activities in sequence to be performed in order to successfully complete the work tasks while ensuring as practical reasonable that all risks and hazards identified are reduced.
Minimum Weighted Final Score	The final highest technically ranked score after consolidating all individual scoring by TET members recommended from a technical perspective provided this score exceeds the 75% threshold.
Qualitative Evaluation Criteria	Weighted evaluation criteria used to identify the highest technically ranked tenderer in this case Mandatory Evaluation Criteria are not the pre requisite
Responsive tender	It is the tender that conforms to all terms, condition and specifications of the tender documents without material deviations or qualifications.
Safe Handling Method	It is the procedure that describes how equipment is to be handled in a safe and standardised process.

2.3.2 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
QCP	Quality Control Procedure
SD&L	Supplier, development and localization
SHEQ	Safety Health Environment & Quality
SOW	Scope of Work
TET	Tender Evaluating Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

Technical scoring as per 240-48929482:

2.7 RELATED / SUPPORTING DOCUMENTS

N/A as per Tender Engineering Evaluation Procedure number 240-48929482.

3. TENDER TECHNCIAL EVALAUTION STRATEGY

Process will follow an open tender process with only Qualitative Technical Evaluation criteria used for the evaluation process. Qualitative Technical Evaluation will follow the weighted evaluation route with the necessary supporting document/s provided. Only the tenderers that have achieved a total score of 70% under qualitative criterion will be considered.

3.1 TECHNICAL EVALUATION THRESHOLD

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

3.2 TET MEMBERS

Table 1: TET Members

TET number	TET Member Name	Designation
TET 1	Sazi Jele	Senior Technologist – Bulk Material Handling
TET 2	Siyanda Malgas	Coal Plant System Engineer
TET 3	Mfanelo Hlongwani	DHP Plant System Engineer

3.3 MANADATORY 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.	No applicable	No applicable	No applicable
2.			

3.4 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 (%)
1.	**company experience**	The contractor to provide proof of maintenance work previously executed on electrohydraulic actuators and power packs on heavy industry in the past years.	**10%**	• Contract executed within 5 years (5/5 • Between 6-7 years (4/5) • 8 years and above (2/5) • No proof of contract (0/5)
		Tenderer to provide brief company background and technical experience on refurbishment and maintenance of electro hydraulic actuators, hydraulic cylinders and power packs on one page	**10%**	• Company background provided and technical experience on refurbishment and maintenance of actuators and cylinders provided in detail as per TES (5/5) • Company background provided and technical experience on refurbishment and maintenance of actuators and cylinders provided but not in detail as per TES (4/5) • Only company background provided or only technical experience provided (2/5) • No information provided (0/5)
2.	**Technical report writing**	The contractor to provided one previous report for completed refurbishment work done on an actuator/cylinder and power pack system and must cover the following • Strip and asses report provided with sample pictures of stripped • Detail spare list required for the refurbishment provided • Post refurbishment report included • Sample of test certificate included	**10%**	• All 4 requirements covered in detail (5/5) • All 4 covered but less details (4/5) • Less than 4 requirements covered (2/5) • Nothing provided (0/5)
3.	**Quality standard of work performed**	The contractor provided sample of detail QCP for the previous work done on point 3	**10%**	• Detailed QCP of relevant work signed by both client and tender provided by tenderer (5/5) • Detailed QCP with signatures but not relevant to the work (4/5) • Unsigned QCP provided (2/5) • No QCP (0/5)

4.	**Workshop/repair facility**	Contactor to provide proof of facility and shall be accompanied by the following: • Proof of facility provided in a form of verifiable address and pictures. • Stripping bench, tools and hoisting mechanism available • Testing facility for repair items available • The contractor provided ISO 9001 compliance certificate or proof of recent application	**20%**	• All 4 points covered in full (5/5) • All 4 points covered partially (4/5) • Less than 4 points covered (2/5) • No information (0/5)
5.	**Methodology**	The contractor provided detail repair methodology of an electro-hydraulic actuator and hydraulic cylinder, handling, storage and transportation procedure of the company in order to assure quality and prevent damages of the related components	**20%**	• All 4 required methodology covered in detail (5/5) • Only 3 methodologies covered in detail (4/5) • Methods included not covered in detail (2/5) • No Methodology (0/5)
6.	**Resources**	The contractor to provide site execution organogram which reflects roles and responsibilities per resource.	**10%**	• Detailed site execution organogram with resource tittles including roles and responsibilities. (5/5) • Site execution organogram with resource tittles only (4/5) • Site execution organogram not adequate for scope execution (2/5) • No organogram (0/5)
		CVs of site manager and supervisor with a minimum qualification of a national diploma in mechanical engineering and has a minimum of 3 years' experience in the refurbishment, maintenance and fault finding of actuators and hydraulic power packs	**10%**	• CVs and certified copies of relevant qualification provided, and site manager and supervisor has more than 5 years of experience (5/5) • CVs and certified copies of relevant qualification provided, and site manager and supervisor has less than 5 years of experience (4/5)

				• CVs and certified copies of relevant qualification provided, and site manager and supervisor has less than 3 years of experience (2/5) • No information provided (0/5)
		Total	**100%**	

3.5 TET MEMBER RESPONSIBILITIES

In Table 4 identify the TET members allocated to review/evaluate each Qualitative criterion (minimum 2 evaluators per criteria / sub-criteria)

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET 3	TET 4	TET 5	TET 6	TET 7	TET n
1.	-	-	-	-	-	-	-	-
2.	-	-	-	-	-	-	-	-
Qualitative Criteria Number	**TET 1**	**TET 2**	**TET 3**	**TET 4**	**TET 5**	**TET 6**	**TET 7**	**TET n**
1.	X	X	X	X	X	X	-	-
2.	X	X	X	X	X	X	-	-
3.	X	X	X	X	X	X	-	-
4.	X	X	X	X	X	X	-	-
5.	X	X	X	X	X	X	-	-
6.	X	X	X	X	X	X	-	-
7.	X	X	X	X	X	X	-	-
8.	X	X	X	X	X	X	-	-
9.	X	X	X	X	X	X	-	-

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Siyanda Malgas	Aux Eng Manager
Sazi Jele	Snr Auxiliary Engineer
Dwight Reed	Snr Technician Maintenance
Phindile Magongwa	Manager Maintenance
Zanele Skosana	Snr Technician Maintenance
Mfanelo Hlongwani	Ash Handling Plant System Engineer

5. REVISIONS

Date	Rev.	Compiler	Remarks
October 2024	00	S Malgas	TES

6. DEVELOPMENT TEAM

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

Sazi Jele

Mfanelo Hlongwani

Siyanda Malgas