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1. INTRODUCTION

To ensure that a technically competent supplier is appointed, this technical evaluation strategy will outline the qualitative and quantitative requirements that shall be met for the execution of the hydraulic scope of works for the submerged scrapper conveyor (SSC), the evaporator warming steam regulating valve (LBG40AA001), the storage vessel blowdown high and low flow regulating valves (HAG81AA002 and HAG82AA002), the HP bypass valve power pack (LBF01BB001) and reheat safety valves (LBB23BB001). It also covers the boiler feed pumps/electric feed pump (EFP) leak-off valves power packs, cold reheat (LBC01/02AA101) and the bled steam (LBS21/22/30/40AA101 and LBQ50AA101) hydraulic cylinders.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the (and is limited to) the tender technical evaluation criteria that will be used to evaluate a suitable service provider for the execution of the hydraulic scope of works during outages.

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 only applicable to the hydraulic overhaul or refurbishment outage scope of works.

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] Applicable Commercial procurement strategy

[3] Pressure Equipment Regulations (PER)

[4] 32-727: Eskom SHEQ Policy

[5] 240-105658000: Supplier Quality Management: Specification

[6] 32-1034: Eskom Procurement and Supply Management Procedure

2.2.2 Informative

[1] ISO 9001 Quality Management Systems

[2] ISO 14001 (Environment)

[3] OHSAS 18001 (Health and Safety) Standard

2.3 DEFINITIONS

Table 1: Definitions

Term	Definition
Contract(ing) Strategy	The part of the commercial strategy that governs the nature of the relationship which the employer wishes to foster with the contractor, which in turn determines the risks and responsibilities between the parties to the contract, the contract terms and conditions and the methodology by which the contractor is to be paid.
Enquiry	A competitive or non-competitive request for information, interest, quotations or proposals made to a supplier, a group of suppliers or the market at large.
Procurement	Procurement is the process which creates, manages and fulfils contracts relating to the provision of goods, services and engineering and construction works or disposals, or any combination thereof
Procurement Strategy	Forms part of the commercial strategy and sets out estimated pricing, pre-qualification criteria, procurement mechanism, evaluation processes and any other element of the procurement process for a transaction.
Quality Control Plan:	A document specifying the activities to be inspected throughout the execution of the project, inclusive of test methods, procedures, and acceptance criteria (This term is equivalent to QIP and ITP).
Tender	A tender refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification.

2.4 ABBREVIATIONS

Table 2: Abbreviations

Abbreviation	Description
CV	Curriculum Vitae
EFP	Electric Feed Pump
HP	High Pressure
ISO	International Organisation for Standards
ITP	Inspection Test Plan
NQF	National Qualification Framework
QC	Quality Control
QCP	Quality Control Plan
QIP	Quality Inspection Plan
SANAS	South African National Accreditation System
SSC	Submerged Scrapper Conveyor
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

The roles and responsibility are defined as per the Tender Engineering Evaluation Procedure 24048929482)

2.6 PROCESS FOR MONITORING

N/A

2.7 RELATED/SUPPORTING DOCUMENTS

[1] Applicable Commercial procurement strategy

3. TENDER TECHNCIAL EVALAUTION STRATEGY

The technical evaluation begins with mandatory evaluation which will include evaluating the mandatory criteria listed in below section. Upon passing/meeting the Mandatory criteria evaluation, the Tender will be subjected to the qualitative evaluation, and the scoring matrix/criteria is shown below.

Table 3: Qualitative technical criteria scoring

SCORE	%	DEFINITION
5	100	**COMPLIANT**
		Meet technical requirement(s) AND;
		No foreseen technical risk(s) in meeting requirements
4	80	**COMPLIANT WITH ASSOCIATED QUALIFICATIONS**
		Meet technical requirements(s) with;
		Acceptable technical risk (s) AND/OR;
		Acceptable exception AND/OR;
		Acceptable conditions.
2	40	**NON-COMPLIANT**
		Does not meet technical requirements(s) AND/OR;
		Unacceptable technical risk(s) AND/OR;
		Unacceptable exceptions AND/OR;
		Unacceptable conditions.
0	0	**TOTALLY DEFECIENT OR NON-RESPONSIVE**
Note: 1	The scoring table does not allow for scoring 1 and 3.	
Note: 2	Foreseen acceptable and unacceptable risk(s), exceptions and conditions are unambiguously defined in this Technical Tender Evaluation Strategy	

3.1 TECHNICAL EVALUATION THRESHOLD

The minimum weighted final score (threshold) required for a tender to be considered from a technical qualitative is 75% for a supplier/tenderer to be considered.

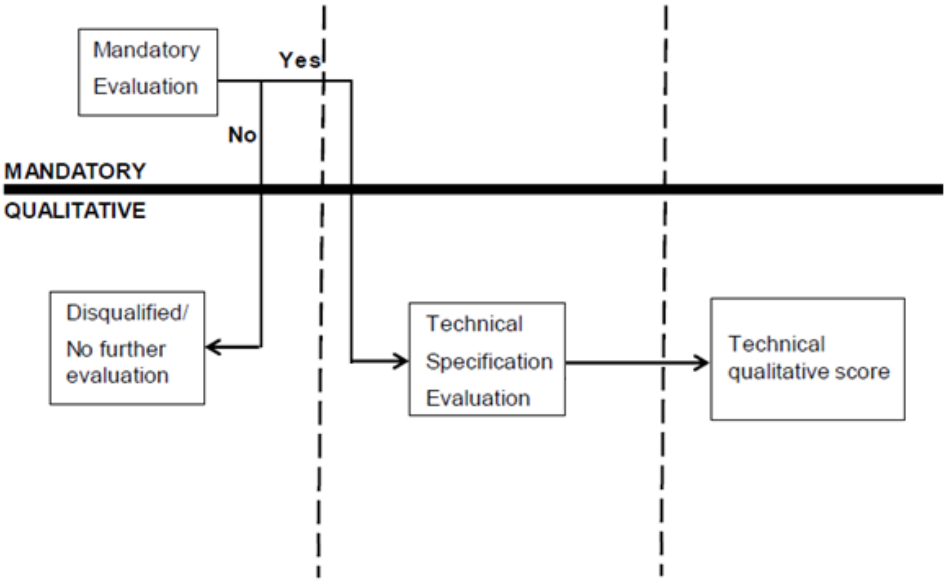

Figure 1: Technical Evaluation Process

3.2 TET MEMBERS

Table 4: TET Members

TET number	TET Member Name	Designation
TET 1	Sizwe Buthelezi	System Engineer (SSC)
TET 2	Mkhulu Mokoena	Senior. Engineer (Valves)

3.3 MANADATORY TECHNICAL CRITERIA

The mandatory requirement outlined on the table below must both be met simultaneously for a tenderer to continue to the next stage of the technical evaluation process (a prescribed in Figure 1). If either one of the criteria is met and the other is not met for any reason, the tendered shall be disqualified and unfortunately shall not continue with the process.

Table 5: Mandatory Technical criteria

	Mandatory Technical Criteria Description	**Reference to Technical Specification / Tender Returnable**	**Motivation for use of Criteria**	**Scoring of Criteria**	**Scores**
	Quality Control Plan (QCP)	Tenderer to submit a previously signed and closed QCP for Hydraulic power pack **AND** Hydraulic actuator.	To confirm that the supplier has completed similar scope of work.	**BOTH** fully signed QCP submitted	**Yes**
				NO QCP/ **ONLY** one QCP/ **NOT** fully signed QCP submitted	**No**

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 6: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Points	Weight (%)
1	**INDUSTRY INVOLVEMENT AND EXPERTISE (46%)**			
1.1	Proof of years involved in Industry on valves (control and isolating), hydraulic actuators, hydraulic control power unit. Submit previously signed contract awards certificate/purchase order **AND** contract completion letter which will be used to verify company experience.	Submit proof(s) with experience accumulating to 5 years or more.	5	46
		Submit proof(s) with experience accumulating to 3 -5 years.	4	
		Submit proof(s) with experience accumulating to 1 - 2 years.	2	
		Not submitted/ Submitted with zero/not relevant experience	0	
2	**PERSONNEL EXPERIENCE AND EXPERTISE (31%)**			
2.1	Contractor to submit propose structure/organogram showing team composed (as a minimum) of a 1 x Site Manager, 1 x Safety Officer, 1 x Quality Controller (QC), 1 x Technician, 3 x Artisan, and 3 x Assistant/Semi-Skilled. The structure shall be accompanied with all CVs of the personnel indicated in the structure showing relevant experience with references. Qualifications Requirements on CVs: (1) Site Manager – NQF Level 6 or more (Mechanical) (2) Technician – NQF Level 6 or more (Mechanical) (3) Quality Controller (QC) - NQF Level 6 or more (Mechanical or Electro-Mechanical) (4) Safety Officer – NQF 5 or more (Safety Management) (5) Artisan - NQF 5 or more (Mechanical or Electro-Mechanical) (6) Assistant/Semi-skilled- NQF 3 or more NB: CVs submitted without qualifications or qualifications submitted without a CV shall be = 0	Site Manager CV AND qualification (NQF 6 or more) submitted with more than 3 years of experience	5	6
		Site Manager CV AND qualification (NQF 6 or more) submitted with experience 3 to 1 years	4	
		Site Manager CV OR qualification (NQF 6 or more) not submitted OR qualification NQF level less than 6	0	
		Technician CV AND qualification (NQF 6 or more) submitted with more than 3 years of experience	5	5
		Technician CV AND qualification (NQF 6 or more) submitted with experience 3 to 1 years	4	
		Technician CV OR qualification (NQF 6 or more) not submitted OR qualification NQF level less than 6	0	
		Quality Controller CV AND qualification NQF 6 or more) submitted with more than 3 years of experience	5	5
		Quality Controller CV AND qualification (NQF 6 or more) submitted with experience 3 to 1 years	4	
		Quality Controller CV OR qualification (NQF 6 or more) not submitted OR qualification NQF level less than 6	0	
		Safety Officer CV AND qualification (NQF 5 or more) submitted with more than 3 years of experience	5	5

		Safety Officer CV AND qualification (NQF 5 or more) submitted with experience 3 to 1 years	4	
		Safety Officer CV OR qualification (NQF 5 or more) not submitted OR qualification NQF level less than 5	0	
		Artisan CV AND qualification (NQF 5 or more) submitted with more than 3 years of experience	5	5
		Artisan CV AND qualification (NQF 5 or more) submitted with experience 3 to 1 years	4	
		Artisan CV OR qualification (NQF 5 or more) not submitted OR qualification NQF level less than 5	0	
		Assistant/Semi-skilled CV AND qualification (NQF 5 or more) submitted with more than 3 years of experience	5	5
		Assistant/Semi-skilled CV AND qualification (NQF 5 or more) submitted with experience 3 to 1 years	4	
		Assistant/Semi-skilled CV OR qualification (NQF 5 or more) not submitted OR qualification NQF level less than 5	0	
3	**COMPANY PROCESSES (23%)**			
3.1	Detailed method statement or procedures for overhauling or refurbishment of hydraulic actuators AND hydraulic power pack/unit.	Comprehensive method statement/procedure relevant to the hydraulic actuators AND hydraulic power pack/unit submitted	5	13
		Method statement/procedure relevant to the hydraulic actuators AND hydraulic power pack/unit submitted shows partial understanding of the scope.	4	
		Method statement/procedure relevant to the hydraulic actuators AND hydraulic power pack/unit submitted is high level lacks details.	2	
		Not submitted/ submitted but not relevant to the scope.	0	
3.2	QCP (quality control plan) for overhauling or refurbishment of hydraulically actuated control valves or hydraulic equipment for the current scope of works.	Detailed QCP submitted.	5	10
		High level QCP submitted (missing some critical activities)	4	
		Not submitted OR submitted with deviations	0	

3.5 TET MEMBER RESPONSIBILITIES

Table 7: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2
1. Supplier certified to ISO 9001 Quality Management Systems	X	X
2. Supplier certified to ISO 14001 Environment	X	X
Qualitative Criteria Number	**TET 1**	**TET 2**
1. Industry involvement and expertise	X	X
2. Personnel experience and expertise	X	X
3. Company processes	X	X

3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.6.1 Risks

Table 8: Acceptable Technical Risks

Risk	Description
1.	There are no foreseeable risks that are identified at the time of compiling this document.

Table 9: Unacceptable Technical Risks

Risk	Description
1.	There are no foreseeable risks that are identified at the time of compiling this document, thus no unacceptable technical risks

3.6.2 Exceptions / Conditions

Table 10: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	There are no exceptions to be made as this is seen as a basic refurbishment/overhaul scope. The evaluation criteria are clear and concise and is within the operational parameters of any entity that is within the business of hydraulic equipment.

Table 11: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Submitting a method statement and QCP that are not related the scope of works.

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Mkhulu Mokoena	Senior Engineer
Sizwe Buthelezi	System Engineer
Gift Nkuna	Auxiliary Engineering Manager
Riaan Nel	Boiler Engineering Manager
Kenneth Ndumo	Turbine Engineering Manager
Jacky Mathobela	Engineering Manager

5. REVISIONS

Date	Rev.	Compiler	Remarks
2024/09/12	0	M. Mokoena S. Buthelezi	New document
2025/05/19	1	M. Mokoena S. Buthelezi	Revise mandatory criteria Revise qualitative criteria Revise threshold Include qualitative technical criteria scoring table Revise Turbine Engineering Manager

6. DEVELOPMENT TEAM

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

- M. Mokoena
- S. Buthelezi

7. ACKNOWLEDGEMENTS

None