Eskom	Strategy	Engineering

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CONTENTS

1. INTRODUCTION

An enquiry shall be issued inviting interested & suitable parties to participate in the tender process for the purpose of establishing a partnership with a suitably qualified; experienced and well established service provider for the provision of C&I maintenance labour service for commercial operating units and BOP sections. These commercial operating units and BOP sections comprise of multiple instrumentation, process control systems and interrelated sections and each with own maintenance requirements. This document sets out the method and criteria that will be used to evaluate the tenders that will result from this pre-qualification invite.

2. SUPPORTING CLAUSES

2.1 SCOPE

This strategy defines the technical tender evaluation strategy for the Kusile Power Station C&I Maintenance labour works provision. The scope of the project is as described in the Kusile Power Station Works information.

2.1.1 Purpose

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria and/or Qualitative Evaluation Criteria and the TET member responsibilities for the tender technical evaluation. The technical evaluation strategy serves as basis for the tender technical evaluation process.

2.1.2 Applicability

This strategy document applies to the C&I maintenance labour team working at Kusile Power Station commercial operating units and BOP sections.

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] 32-1034: Eskom Procurement Policy

2.2.2 Informative

[3] 240- 160998666 Kusile Power Station C&I Maintenance Labour Service Scope of Work Rev 2

2.3 DEFINITIONS

2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
SOW	Scope Of Work
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

Compiler	The document compiler is responsible for ensuring that this document is up-to-date and that this document is not a duplication of an existing documentation, regarding the document's objectives and content.
Functional Responsibility (C&I Engineering Manager)	The Functional Responsible Person shall determine if the document is fit for purpose, before the document is submitted for authorisation.
Authoriser (Engineering Group Manager)	The document authoriser is a duly delegated person with the responsibility to review the document for alignment to business strategy, policy, objectives and requirements. He/she shall authorise the release and application of the document.
Lead Discipline Engineers	Provides input to the technical tender evaluation strategy and associated engineering activities.

2.6 PROCESS FOR MONITORING

Refer to the Works information

2.7 RELATED/SUPPORTING DOCUMENTS

Please refer to Section 2.2.

3. TENDER TECHNICAL EVALUATION STRATEGY

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 Kusile Power Station vibration probe replacement scope of works. 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 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**

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

Technical (100%)	
General works	100%
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 TET MEMBERS

Table 1: TET Members

TET number: Section to be Evaluated	TET Member Name	Designation
TET 1: C&I Maintenance	Msizi Mhlongo	C&I Snr Advisor Technical Support Services
TET 2: C&I Maintenance	Nzuzo Ndlovu	C&I Engineer
TET 2: C&I Maintenance	Simiso Tembe	C&I Maintenance Snr Technician
TET 3: C&I Maintenance	Temosho Dibakoane	C&I Maintenance Technician
TET 4: C&I Maintenance	Stanley Mathye	C&I Maintenance Manager

4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Notes to tenderer:

1. An undertaking is required that resources identified would not be changed on award of the Contract.
2. The CV's of Key Personnel should have experience which is comparable in nature to the Works specified in this tender.
3. It is a requirement that the key personnel, in particular, have excellent communication skills in the English language.
4. Where no information is offered by the Tenderer no points shall be scored.

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	**GENERAL WORKS**			100%	
1.1.	**Comprehension of Scope**				
	1.1.1	Provide a C&I Maintenance method statement & quality assurance documentation for the scope of works for C&I maintenance works and servicing of field instruments. *The method statement/s shall detail how the tenderer proposes to execute the works assuring the maintenance of quality in the works.* Minimum High-Level requirements: o Resource Responsibilities o Scope activities prioritisation o Major instruments servicing procedure ⇨ Proposal details fully how scope will be met and provides comprehensive methodology of approach on al c&I control systems = **5**; ⇨ Method statement provided but with minimum information on how work will be executed= **4** ⇨ Method statement provided with basic level of how work will be executed =**2** ⇨ No submission made/method statement not suitable for C&I maintenance works procedure = **0**	Method statement and Quality Control Plan		35%
1.2	**Relevant Experience**				
	1.2.1	Relevant experience/ (track record): (NB: preferably in a coal fired power station) The tenderer submits a list of traceable references/completion certificates that adequately prove that the tenderer has completed similar contracts successfully in the last five (5) years covering the scope below:	List of previously completed projects of similar scope with traceable references including completion certificates		25%

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
		• Submit contract at kusile/Medupi power station plus more than four long term contract and Purchase orders for C&I Maintenance in a coal-fired power station detailing all plants concerned record traceable and verified **(5)** • Submit four long term contract and purchase orders for C&I Maintenance in a coal-fired power station record traceable and verified **(4)** • Submit three long term and short-term contract for C&I Maintenance in a process engineering plant record traceable and verified **(2)** • No previous Experience/experience submitted and CFT couldn't verify validity of experience **(0)**			
	1.2.2	Original Equipment Manufacturer (OEM) service level agreements The Tender submits confirmation letter showing they have rights to perform field instrument repairs and service for Flow, pressure, analytics and temperature instruments. • Submit confirmation letter from more than three OEM, attached certificate of the appointed service expert **(5)** • Submit confirmation letter from two different OEM, attached relevant service certificate of the appointed service expert. **(4)** • Submit confirmation letter from one OEM, attached relevant service certificate of the appointed service expert. **(2)** • No submission received **(0)**	Submits OEM confirmation letter and valid certificates		20%
1.3	**Project Execution Resources**				
	1.3.1	Provide comprehensive details of the resources to be utilised in this project: Qualified and experienced individuals available to execute the scope. A detailed CV for each resource shall serve as evidence for evaluation. Incomplete CV and incomplete number of resources equals to zero (0). 1. Well detailed CV with: 1x Site manager, Qualified, experience in coal-fired power station holding a B-tech in (Process Control & Instrumentation with 10+ years work experience, 4 years work experience should be at either Medupi/Kusile power station)	Detailed CV's Of Key Resources **Requirement:** as per POPIA: consent in the form of an affidavit must be		10%

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
		1x Technical supervisor Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 10+years' experience, 4 years work experience shall be at either Medupi/ Kusile Power station) 9x C&I Mechanicians, Qualified, experience in coal-fired power station holding a N4 and Trade Tested (Process Control & Instrumentation with 7+ years work experience) 3x C&I Technicians, Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 10+years' experience,2 years work experience at either Medupi/Kusile power station) 2x Field technician, , Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 7+years' experience) 2years experience with workbench service of instrument and hold a relevant certificate 1x Safety officer (2 years' experience) 1x Technician Assistants (Matric or N3 Engineering studies) **=5**	given by the owner of the CV's and certificates to the tenderers to use their confidential information for this project. Each CV must be accompanied by an affidavit.		
	2.	1x Site manager, Qualified, experience in coal-fired power station holding a B-tech in (Process Control & Instrumentation with 10+ years work experience, 4 years work experience should be at either Medupi/Kusile power station) 1x Technical supervisor Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 7+years' experience, 4 years work experience shall be at either Medupi/ Kusile Power station) 9x C&I Mechanicians, Qualified, experience in coal-fired power station holding a N4 and Trade Tested (Process Control & Instrumentation with 5+ years' work experience)			

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
		3x C&I Technicians, Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 7+years' experience, 1 yearwork experience at either Medupi/Kusile power station) 2x Field technician, , Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 5+years' experience) 2years experience with workbench service of instrument and hold a relevant certificate 1x Safety officer (0-2 years' experience) 1x Technician Assistants (Matric or N3 Engineering studies) =4			
	3.	1x Site manager, Qualified, experience in coal-fired power station holding a B-tech in (Process Control & Instrumentation with 10+ year work experience, 3 years work experience should be at either Medupi/Kusile power station) 1x Technical supervisor Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 7+years' experience, 3 years work experience shall be at either Medupi/ Kusile Power station) 9x C&I Mechanicians, Qualified, experience in coal-fired power station holding a N4 and Trade Tested (Process Control & Instrumentation with 5+ years work experience) 3x C&I Technicians, Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 7+years' experience) 2x Field technician, , Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 6+years' experience) 1year experience with workbench service of instrument and hold a relevant certificate			

	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	1x Safety officer (0-2 years' experience) 1x Technician Assistants (Matric or N3 Engineering studies) **=3** 4. 1x Site manager, Qualified, experience in coal-fired power station holding a B-tech in (Process Control & Instrumentation with 10+ years work experience, 2 years work experience should be at either Medupi/Kusile power station) 1x Technical supervisor Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 7+years' experience, 2 years work experience shall be at either Medupi/ Kusile Power station) 9x C&I Mechanicians, Qualified, experience in coal-fired power station holding a N4 and Trade Tested (Process Control & Instrumentation with 7+ years work experience) 3x C&I Technicians, Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 6+years' experience) 2x Field technician, , Qualified, experienced in coal-fired power station holding a National Diploma or N6 and Trade Tested (Process Control & Instrumentation with 5+years' experience) 1years experience with workbench service of instrument and hold a relevant certificate 1x Safety officer (0-2 years' experience) 1x Technician Assistants (Matric or N3 Engineering studies) **=2** 5. No Cv submitted/Cv submitted experience not enough **=0**			

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
	1.3.2	In order to ensure efficient and effective delivery of this contract the successful service provider must be registered with CIDB with EP designation b(basic works types: electrical power generation, supervisory control and data acquisition systems) • CIDB certificate provided status active with 9EP grade **=5** • CIDB certificate provided status is active with 8EP grade **=4** • CIDB certificate provided status is active with 7EP grade **=2** • Tenderer failed to provided CIDB certificate/certificate is invalid **=0**	Source of evidence tender submitted valid CIDB certificate showing CRS number & expiry date		10%
				TOTAL	100%

5 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

Qualitative Criteria Number	TET Members T1-T4
1.1	X
1.2	X
1.3	X
1.4	X

7.1 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

7.1.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	Tenderer does not have Installation of instrumentation & field signal cables on rotary machinery

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Tenderer does not have Qualified and experienced resources available to execute the scope

7.1.2 Exceptions / Conditions

Table 6: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

Table 7: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	No relevant qualifications or working experience on the subject matter

6 AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation
Mauritz van der Bank	Chief Technologist C&I
Stanley Mathye	C&I Maintenance Manager

7 REVISIONS

Date	Rev.	Compiler	Remarks
March 2024	3	Simiso Tembe	First issue

8 DEVELOPMENT TEAM

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9 ACKNOWLEDGEMENTS

N/A