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Strategy for Civil Structures
Professional Services Contract.**

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1. INTRODUCTION

The tender evaluation strategy is developed for the purpose of obtaining a *Consultant* for to take the professional responsibility and accountability in accordance with ECSA, for providing civil engineering inspections and remedial designs services. The works entails identification, assessment, management and mitigation of all risks, defects, technical supervision associated with the Civil and Structures engineering plant for Duvha Power Station.

2. SUPPORTING CLAUSES

2.1 SCOPE

This document covers the technical evaluation criteria to be utilised for the process of evaluating the tender submissions for the Duvha Civil Structures professional services.

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 Duvha 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] 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] NEC3 - Duvha Civil Structures Professional Services Contract

2.3 DEFINITIONS

2.3.1.1 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.

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

2.3.1.3 Contractor: Service provider, consultant or Contractor that is approved by the Employer.

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2.3.1 Classification

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

2.4 ABBREVIATIONS

Abbreviation	Description
ECSA	Engineering Council of South Africa
NEC	New Engineering Contract
PCM	Process Control Management
PSC	Professional Service Contract
TET	Technical Evaluation Team

2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure

2.6 PROCESS FOR MONITORING

The primary process that shall be used for monitoring the application of this document is 240-48929482: Tender Technical Evaluation Procedure

2.7 RELATED/SUPPORTING DOCUMENTS

- [6] 240-53716746: Tender Technical Evaluation Report Template
- [7] 240-53716712: Tender Technical Evaluation Results Form Template
- [8] 240-53716726: Tender Technical Evaluation Scoring Form Template

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 TECHNICAL EVALUATION THRESHOLD

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

Table 1: Technical Scoring Methodology

SCORE	PERCENTAGE (%)	DESCRIPTION
5	100	COMPLIANT <ul style="list-style-type: none">Meet the 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 the technical requirement(s) with,



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		<ul style="list-style-type: none"> • Acceptable technical risks AND/OR; • Acceptable exceptions AND/OR; • Acceptable conditions
2	40	NON-COMPLIANT <ul style="list-style-type: none"> • Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR; • Unacceptable exceptions AND/OR; • Unacceptable conditions
0	0	TOTALLY DEFICIENT/NON-RESPONSIVE

3.2 TET MEMBERS

Table 2: TET Members

TET number	TET Member Name	Designation
TET 1		Engineering Technician Civil
TET 2		Engineer: Civil Engineering

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3.3 MANDATORY TECHNICAL EVALUATION CRITERIA

Table 3: Mandatory Technical Evaluation Criteria

	Mandatory Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Motivation for use of Criteria
1.	ECSA professionally registered Engineer/Technologist.	Tenderers shall attach a proof of ECSA registration for the professional Engineer/Technologist. Registration status shall be active. Suspended or inactive registration status will not be considered	The requirement is for Engineering consulting work as stipulated on the Engineering Professional Act, Act 46 of 2000.
2.	Confirmation letter for adherence to the scope of work.	Tenderers shall submit a signed confirmation letter which states that they will adhere to the scope of work as per the contract without any deviations. All the works will be executed in accordance to the client's requirements and expectations as per the NEC document.	This is to ensure that the tenderers will adhere to the scope of work without any deviations and they will be able to execute the works in accordance to the client's requirements

QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 4: Qualitative Technical Evaluation Criteria

	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	Civil and Structural Engineering Criteria			100	
	1.1	<p>Previous projects completed:</p> <p>Provide proof of relevant experience in the consulting industry. The tenderer must have completed consulting work such as Civil Structural designs (buildings, power station structures, industrial structures, any other structures listed in the scope of work), Assessments through inspections/investigations and/or provide solution as well as technical supervision as a main contractor or subcontractor. Submit at least three (3) verifiable references for previous work. Completion certificates signed by both parties shall be attached for each reference indicating the following:</p> <ul style="list-style-type: none"> • Project name • Principal contractor • Client • Description of work performed (size of structures to be indicated) • Project cost (only for scope performed) • Project start and end date • Name, designation and contact number of reference person 	<p>5 = 3 or more verifiable completed similar scope completed</p> <p>4 = 2 verifiable completed similar scope completed.</p> <p>2 = 1 verifiable completed similar scope completed.</p> <p>0 = No verifiable completed similar scope completed</p>		45

	1.2	<p>Site Organogram</p> <p>Proposed site organogram showing all proposed Civil and Structural Consulting personnel (ECSA Professionally Registered Engineer/Technologist, ECSA Candidate Registered Engineer/Technologist (Site Engineer for technical supervision), Technician, Draftsperson, Architect, that will be allocated to the Duvha site for the required consulting work for the contract duration, showing all category skills described in the scope of work.</p>	<p>5 = Site organogram submitted and showing all proposed key personnel for the service.</p> <p>4 = Site organogram submitted and showing most of the key personnel for the service.</p> <p>2 = Site organogram submitted and showing some of the key personnel for the service.</p> <p>0 = Site organogram submitted and not showing any key personnel of the service/ None submitted</p>		5
	1.3	<p>ECSA registered Professional Engineer/Technologist</p> <p>Submit a CV and Qualification(s) for ECSA Professional Civil Engineer/Technologist with a minimum of 7 years' experience within the civil engineering industry.</p>	<p>5 = CV and all qualifications/certificates submitted for a Professional Engineer/Technologist with 7 or more years of relevant experience.</p> <p>4 = CV and all qualifications/certificates submitted for a Professional Engineer/Technologist with a minimum of 5 years of relevant experience but less than 7 years of relevant experience.</p> <p>2 = CV and all qualifications/certificates submitted for a Professional Engineer/Technologist with a minimum of 3 year of relevant experience but less than 4 years of relevant experience.</p>		35

			0 = Incomplete CV or No qualifications/certificates submitted		
	1.4	ECSA Candidate Engineer/Technologist Submit a CV and Qualification(s) for a registered ECSA Candidate Civil Engineer/Technologist with a minimum of 5 years' experience within the civil engineering industry.	5 = CV and all qualifications/certificates submitted for a Candidate Engineer/Technologist with 5 or more years of relevant experience. 4 = CV and all qualifications/certificates submitted for a Candidate Engineer/Technologist with a minimum of 3 years of relevant experience but less than 5 years of relevant experience. 2 = CV and all qualifications/certificates submitted for a Candidate Engineer/Technologist with a minimum of 1 year of relevant experience but less than 3 years of relevant experience. 0 = Incomplete CV or No qualifications/certificates submitted		15
				TOTAL: 100	

3.4 TET MEMBER RESPONSIBILITIES

Table 5: TET Member Responsibilities

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

3.5 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

3.5.1 Risks

Table 6: Acceptable Technical Risks

Risk	Description
1.	Alternative (equivalent) equipment being used instead of the preferred equipment

Table 7: Unacceptable Technical Risks

Risk	Description
1.	Equipment that does not operate within the prescribed limits
2.	Performance guarantees not given for the work done
3.	Lack of local support for the equipment or products used

3.5.2 Exceptions / Conditions

Table 8: Acceptable Technical Exceptions / Conditions


Risk	Description
1.	Delays due to the elements which may prolong the project duration

Table 9: Unacceptable Technical Exceptions / Conditions



Risk	Description
1.	All conditions must be met

4. AUTHORISATION

This document has been seen and accepted by:

Name & Surname	Designation	Signature
	Civil Engineer: Auxiliary Engineering	<i>Herame</i>

5. REVISIONS

Date	Rev.	Compiler	Remarks
February 2023	0.0		Draft Document
March 2023	1		Final

6. DEVELOPMENT TEAM

N/A

7. ACKNOWLEDGEMENTS

N/A

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