

Title: **Tender Technical Evaluation  
Strategy for Clarifier 48  
Launder Construction Joints  
Repairs Scope of Work**

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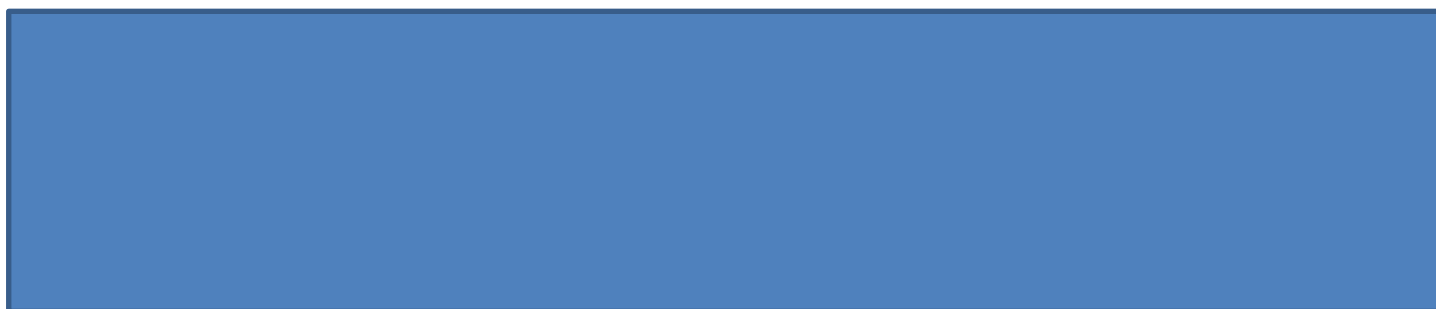
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## **1. INTRODUCTION**

The objective of the project is to provide repairs for WTP North Clarifier 48 launder construction joints and seal them to prevent any water leaks. The tender evaluation strategy is developed to outline a criterion to select a suitable supplier for the execution of the works required.

## **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 repair works detailed in the Clarifier 48 Launder Construction Joints Repairs scope of work document.

#### **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**

- [1] Clarifier 48 Launder Construction Joints Repairs Scope of Work

### **2.3 DEFINITIONS**

#### **2.3.1 Classification**

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

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## 2.4 ABBREVIATIONS

Abbreviation	Description
CV	Curriculum Vitae
HIRA	Hazard Identification & Risk Assessment
NEC	New Engineering Contract
OHS	Occupational Health and Safety Act
PCM	Process Control manual
SOW	Scope of Work
TET	Technical Evaluation Team

## 2.5 ROLES AND RESPONSIBILITIES

N/A as per 240-48929482: Tender Technical Evaluation Procedure

## 2.6 PROCESS FOR MONITORING

N/A

## 2.7 RELATED/SUPPORTING DOCUMENTS

Clarifier 48 Launder Construction Joints Repairs scope of work

## 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	<b>COMPLIANT</b> <ul style="list-style-type: none"><li>Meet the technical requirement(s) AND,</li><li>No foreseen technical risk(s) in meeting technical requirements</li></ul>
4	70	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> <ul style="list-style-type: none"><li>Meet the technical requirement(s) with,</li><li>Acceptable technical risks AND/OR;</li><li>Acceptable exceptions AND/OR;</li><li>Acceptable conditions</li></ul>
2	35	<b>NON-COMPLIANT</b>

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		<ul style="list-style-type: none"><li>• Does not meet the technical requirement(s) AND/OR Unacceptable technical risk(s) AND/OR;</li><li>• Unacceptable exceptions AND/OR;</li><li>• Unacceptable conditions</li></ul>
0	0	<b>TOTALLY DEFICIENT/NON-RESPONSIVE</b> <ul style="list-style-type: none"><li>• no submission</li></ul>

### 3.2 TET MEMBERS

**Table 1: TET Members**

<b>TET number</b>	<b>TET Member Name</b>	<b>Designation</b>
TET 1		
TET 2		

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### **3.3 MANADATORY TECHNICAL EVALUATION CRITERIA**

**Table 2: Mandatory Technical Evaluation Criteria**

	<b>Mandatory Technical Criteria Description</b>	<b>Reference to Technical Specification / Tender Returnable</b>	<b>Motivation for use of Criteria</b>
1.	Tenderer to submit a letter of confirmation to fully adhere to the scope of work	Confirmation Letter	The confirmation letter is required to ensure the tenderers understood the intended scope of work to be executed and to ensure agreement to fully comply with the scope of work

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### 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 (%)
<b>1.</b>	<b>Company Experience</b>			<b>30</b>	
	1.1	The contractor or sub-contractor shall provide at least 3 previously completed projects for repairs of concrete repairs and waterproofing of concrete structures. Completion certificates or signed contract documents shall be attached as the tender returnable. Completion certificate or contract document shall contain client's name and contact details, description of the scope executed, duration of the works. Each previous work weighs 33% of the sub-weighting	Completion certificates		30%
<b>2.</b>	<b>Key Personnel</b>			<b>50</b>	
	2.1	The contractor or sub-contractor shall provide a CV of a Civil Technician with at least a N6 National Higher Diploma or National Diploma in Civil Engineering and have at least 3 years in the relevant field. Experience shall reflect start and end months and years.	A copy of N6 Higher Diploma or National Diploma in Civil Engineering qualification certificate and CV		25%
	2.2	The contractor or sub-contractor shall provide a CV of a construction supervisor with at least a N3 in Civil Engineering or Building & valid OHS Act/Legal/HIRA safety training course. CV to reflect at least 3 years of relevant experience in the civil engineering field. Experience shall reflect start and end months and years.	A copy of N3 in Civil Engineering or Building & valid OHS Act/Legal/HIRA safety training course qualification certificates and CV		25%
<b>3.</b>	<b>Execution Method Statement</b>			<b>20</b>	

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	3.1	<p>The contractor or sub-contractor shall provide a detailed method statement demonstrating how the Civil works would be carried out. To include the following key points;</p> <ul style="list-style-type: none"> <li>• works preparation,</li> <li>• water control plan to avoid water flooding the water area,</li> <li>• safe access to reach inside and outside the launder,</li> <li>• chipping off existing construction joints material (inside and outside the launder),</li> <li>• casting cementitious grout around the joints on the floor to improve structural integrity,</li> <li>• installation of jointex material and installation of proposed waterproof membrane material (with material datasheets) to be used.</li> </ul> <p>Note: The method statement must also indicate how the supplier will work around all the existing plant area.</p>	Detailed Method Statement with all the 6 key points.		20
				<b>TOTAL: 100</b>	

Qualitative Technical Evaluation Criteria		Score [0,2,4,5]	Scoring Criteria
1.1	Completed similar projects		5 = 3 or more verifiable similar completed projects 4 = 2 verifiable similar completed projects. 2 = 1 verifiable similar completed project 0 = verifiable similar completed projects
2.1	Site Civil Technician		5 = CVs and qualifications submitted with the more than 3 years of work experience. 4 = CVs and qualifications submitted with 2 years of work experience or more than 2 years of work experience, but less than 3 years of work experience 2 = CVs and qualifications submitted with 1 year of work experience or more than 2 years of work experience, but less than 2 years of work experience. 0 = no CVs and qualifications submitted, and work experience of less than 1 year.
2.2	Construction Supervisor		5 = CVs and qualifications submitted with the more than 3 years of work experience. 4 = CVs and qualifications submitted with 2 or more than 2, but less than 3 years of work experience



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			<p>2 = CVs and qualifications submitted with 1 years of work experience or more than 2 years of work experience, but less than 2 years of work experience.</p> <p>0 = CVs and qualifications submitted with less than 1 year of work experience or No attached CVs and qualification</p>
3.1	Construction method statement		<p>5 = Work method statement submitted with all details of how work will be executed and on time. Detailed method statement that covers all the 6 key points of the scope of work.</p> <p>4 = Work method statement submitted with 4 key points covered but has less than 6 key points. 4 key points should not exclude;</p> <ul style="list-style-type: none"> <li>• works preparation,</li> <li>• safe access to reach inside and outside the launder,</li> <li>• casting cementitious grout around the joints on the floor to improve structural integrity,</li> <li>• installation of jointex material and installation of proposed waterproof membrane material (with material datasheets) to be used.</li> </ul> <p>2 = Work method statement submitted with 2 key points covered or more but less than 4 key points. 2 key points should not exclude;</p> <ul style="list-style-type: none"> <li>• casting cementitious grout around the joints on the floor to improve structural integrity,</li> <li>• installation of jointex material and installation of proposed waterproof membrane material (with material datasheets) to be used.</li> </ul> <p>0 = Work method statement submitted with less than 2 key points covered or none of the key points / no submission</p>

### **3.5 TET MEMBER RESPONSIBILITIES**

**Table 4: TET Member Responsibilities**

<b>Mandatory Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>
1. Letter of confirmation to fully adhere to the scope of work	X	X
<b>Qualitative Criteria Number</b>	<b>TET 1</b>	<b>TET 2</b>
1.1. Completed similar projects	X	X
2.1. Site Civil Technician	X	X
2.2. Construction Supervisor	X	X
3.1. Construction method statement	X	X

### 3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

#### 3.6.1 Risks

**Table 5: Acceptable Technical Risks**

Risk	Description
1.	Alternative (equivalent) waterproof material product and equipment being used instead of the preferred equipment

**Table 6: Unacceptable Technical Risks**

Risk	Description
1.	Waterproof material product 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
4.	Tenderers who have not executed similar works

#### 3.6.2 Exceptions / Conditions

**Table 7: Acceptable Technical Exceptions / Conditions**

Risk	Description
1.	
1.	
2.	
3.	
4.	
5.	

6.	
----	--

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	
2.	
3.	
4.	
5.	
6.	
7.	

4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation	Signature

5. REVISIONS

Date	Rev.	Compiler	Remarks

6. DEVELOPMENT TEAM

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

7. ACKNOWLEDGEMENTS

N/A

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