

Title: **Tender Evaluation Strategy for the Supply, Installation, and Commissioning of two Scraper Chain Mobiles Feeders & all the Auxiliaries**

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## **1. Introduction**

An open enquiry invite will be issued calling for tenderers to participate in the tender process for the supply, installation, and commissioning of two scraper chain mobiles feeders & all the auxiliaries at Hendrina Power Station. This document sets out the method and criteria that will be used to evaluate the tenders that will result from this open enquiry invite.

## **2. Supporting Clauses**

### **2.1. Scope**

The scope of this document is to capture the technical tender evaluation strategy which will be used to evaluate bidders for the supply, installation, and commissioning of two scraper chain mobiles feeders & all the auxiliaries at Hendrina Power Station. The scope of the project is as described in scope document for the supply, installation, and commissioning of two scraper chain mobile feeder & all the auxiliaries at Hendrina Power Station) which should be read in conjunction with 240-163146409 (Scraper Chain Feeder Standard).

#### **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 applies to the Tender Evaluation Team for the supply, installation, and commissioning of two scraper chain mobile feeders & all the auxiliaries at Hendrina 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.

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### **2.2.2. Informative**

- [1] 240-163146409 Scraper Chain Feeder Standard.
- [2] ISO 9001 Quality Management Systems
- [3] 32-1034: Eskom Procurement Policy

## **2.3. Definitions**

### **2.3.1. Classification**

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## 2.4. Abbreviations

Abbreviation	Description
PS	Power Station
SD&L	Supplier Development and Localization
TES	Technical Evaluation Strategy
TET	Technical Evaluation Team

## 2.5. Roles and Responsibilities

As per 240-48929482: Tender Technical Evaluation Procedure.

## 2.6. Process for Monitoring

N/A

## 2.7. Related/Supporting Documents

None

# 3. Tender Technical Evaluation Strategy

## 3.1. Technical Evaluation Method

### 3.1.1. Qualitative Criteria

A weighted score-card approach is used to evaluate the technical compliance of the tenders against the specifications.

The technical criteria and weighting are broken down as follows:

- Criteria 1: Company Experience = 55%
- Criteria 2: Key Individuals Responsible for Contract Work = 40%
- Criteria 3: Manufacturing/ Assembling facility = 5%

The evaluation of the tender submission will be based on the tenderer's ability to meet the above requirements. The tenderers need to meet a weighted score of 65% and above from criteria 1 and 2 to qualify for further evaluation for criteria 3. Tenderers need to have a weighted score of 70% overall (from criteria 1, 2 & 3) or more to technically qualify for further evaluation, which are not covered in this scope.

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The scoring method will be as follows:

Score	Percentage	Description
5	100	<b>Compliant</b> <ul style="list-style-type: none"> <li>Meet technical requirement(s) AND;</li> <li>No foreseen technical risk(s) in meeting technical requirements.</li> </ul>
4	80	<b>Compliant with Associated Qualifications</b> <ul style="list-style-type: none"> <li>Meet technical requirement(s) with;</li> <li>Acceptable technical risk(s) AND/OR;</li> <li>Acceptable exceptions AND/OR;</li> <li>Acceptable conditions.</li> </ul>
2	40	<b>Non-Compliant</b> <ul style="list-style-type: none"> <li>Does not meet 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 or Non-Responsive</b>
<b>Note 1:</b> The scoring table does not allow for scoring of 1 and 3. <b>Note 2:</b> Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy		

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

Evaluation Criteria	Score (%)
Criteria 1: Company Experience	55
Criteria 2: Key Individuals Responsible for Contract Work	40
Criteria 4: Manufacturing/ Assembling facility	5
<b>Total (%)</b>	<b>100</b>

### 3.2. Technical Evaluation Threshold

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

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### 3.3. QUALITATIVE TECHNICAL EVALUATION CRITERIA

Table 3: Criteria 1: Qualitative technical evaluation criteria

1	Qualitative Technical Criteria Description		Reference to Technical Specification / Tender Returnable	Criteria Weighting (%)	Criteria Sub Weighting (%)
1.	<b>Criteria 1: Company Experience</b>			<b>55</b>	
	1.1	<p><b>Technical experience in the construction, installation, and commissioning of scraper chain mobile feeders.</b></p> <p>Scoring Criteria:</p> <ul style="list-style-type: none"> <li>• X ≥ 5 number of completed work = 5 points</li> <li>• 2 &lt; X ≤ 4 number of completed work = 4 points</li> <li>• 0 &lt; X ≤ 2 number of completed work = 2 points</li> <li>• X = 0 number of completed work = 0 points</li> </ul> <p>*Note: 'x' is the number of completed work.</p>	Signed, completion certificate of previous work of similar scope with the following information: Name of company where work was executed, Project, Description, Contract period & Contact person.		45
	1.3	<p><b>QCP (including all ITPs) from manufacturing to commissioning onsite.</b></p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> <li>• QCP includes all necessary steps to evaluate quality and includes reference to supporting documents and intervention points (i.e. hold, witness etc.) = 5 Points</li> <li>• QCP include all steps but no does not reference supporting documents and intervention points (i.e. hold, witness etc.) = 4 Points</li> </ul>	Detailed QCP which will be used to control the quality from manufacturing to commissioning of the feeder		10

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		<ul style="list-style-type: none"><li>• QCP is generic (does not include all steps) = 2 Points</li><li>• QCP is not submitted, or documents submitted does not qualify as QCP = 0 Points</li></ul>			
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	<b>Qualitative Technical Criteria Description</b>		<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Weighting (%)</b>	<b>Criteria Sub Weighting (%)</b>
<b>2.</b>	<b>Criteria 2: Key Individuals Responsible for Contract Work</b>			<b>40</b>	
	<b>2.1</b>	<p><b>Artisan (Civil) - CV &amp; Qualifications (Concrete finisher) :( Three (3) years in installation &amp; commissioning of buffalo feeders).</b></p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> <li>• <math>X \geq 3</math>Yrs of experience = 5 points</li> <li>• <math>2 &lt; X \leq 3</math> Yrs. of experience = 4 points</li> <li>• <math>0 &lt; X \leq 2</math> Yrs. of experience = 2 points</li> <li>• <math>X = 0</math> Yrs. of experience = 0 points</li> </ul> <p>*Note: 'x' is the number of years of experience.</p>	<b>Certified</b> copy of a trade certificate and CV showing years of experience with traceable references.		10
	<b>2.2</b>	<p><b>Artisan (mechanical) - CV &amp; Qualifications (Mechanical trade tested) :( Three (3) years in installation &amp; commissioning of scraper chain mobile feeders).</b></p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> <li>• <math>X \geq 3</math>Yrs of experience = 5 points</li> <li>• <math>2 &lt; X \leq 3</math> Yrs. of experience = 4 points</li> <li>• <math>0 &lt; X \leq 2</math> Yrs. of experience = 2 points</li> <li>• <math>X = 0</math> Yrs. of experience = 0 points</li> </ul> <p>*Note: 'x' is the number of years of experience.</p>	<b>Certified</b> copy of a trade certificate and CV showing years of experience with traceable references.		10

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<p><b>2.3</b></p>	<p><b>Artisan (electrical) - CV &amp; Qualifications (Electrical trade tested) :( Three (3) years in installation &amp; commissioning of buffalo feeders).</b></p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> <li>• X ≥ 3Yrs of experience = 5 points</li> <li>• 2 &lt; X ≤ 3 Yrs. of experience = 4 points</li> <li>• 0 &lt; X ≤ 2 Yrs. of experience = 2 points</li> <li>• X = 0 Yrs. of experience = 0 points</li> </ul> <p>*Note: 'x' is the number of years of experience.</p>	<p><b>Certified</b> copy of a trade certificate and CV showing years of experience with traceable references.</p>		<p>10</p>
<p><b>2.4</b></p>	<p><b>Master Installation Electrician (MIE) - CV &amp; Qualifications :( Five (5) years in installation &amp; commissioning of scraper chain mobile feeders).</b></p> <p>Scoring criteria:</p> <ul style="list-style-type: none"> <li>• X ≥ 5Yrs of experience = 5 points</li> <li>• 2 &lt; X ≤ 4 Yrs. of experience = 4 points</li> <li>• 0 &lt; X ≤ 2 Yrs. of experience = 2 points</li> <li>• X = 0 Yrs. of experience = 0 points</li> </ul> <p>*Note: 'x' is the number of years of experience.</p>	<p><b>Certified</b> copy of a trade certificate and CV showing years of experience with traceable references.</p>		<p>10</p>

The following criteria will be used to evaluate the contractors which scored an average of 65% and above from criteria 1 and 2. Contractors which do not get a minimum average of 65% will not be evaluated for criteria 4 below, as a result they will not qualify for further evaluation.

	<b>Qualitative Technical Criteria Description</b>		<b>Reference to Technical Specification / Tender Returnable</b>	<b>Criteria Weighting (%)</b>	<b>Criteria Sub Weighting (%)</b>
<b>4.</b>	<b>Criteria 4: Manufacturing/ Assembling facility</b>			<b>5</b>	
	<b>4.1.</b>	<p><b>Proof of and manufacturing facility (Facilities to be inspected by the client (Eskom representative)).</b></p> <p>Scoring Criteria:</p> <ul style="list-style-type: none"> <li>• Contractor has manufacturing facility= 5 points,</li> <li>• Contractor does not have a manufacturing facility = 0 points</li> </ul>	Visit to the contractor facility. Proof of ownership or lease on facility.		5

## 4.2. TET Member Responsibilities

Table 4: TET Member Responsibilities

Mandatory Criteria Number	TET 1	TET 2	TET	TET 2
No mandatory requirements				
Qualitative Criteria Number	TET 1	TET 2	TET 3	TET 4
1.1	X	X	X	X
1.2	X	X	X	X
1.3	X	X	X	X
1.4	X	X	X	X
2.1	X	X	X	X
2.2	X	X	X	X
2.3	X	X	X	X
2.4	X	X	X	X
2.5	X	X	X	X

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### 4.3. Foreseen Acceptable / Unacceptable Qualifications

#### 4.3.1. Risks

Table 5: Acceptable Technical Risks

Risk	Description
1.	N/A

Table 6: Unacceptable Technical Risks

Risk	Description
1.	Contractor not able to take accountability for contracted works
2.	Contractor unable to provide required certifications and hand-over

#### 4.3.2. Exceptions / Conditions

Table 7: Acceptable Technical Exceptions / Conditions

Risk	Description
1.	N/A

Table 8: Unacceptable Technical Exceptions / Conditions

Risk	Description
1.	Technical submission does not address entire scope of work required

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