

Title: **Technical Evaluation Strategy for the Provision of Industrial Station Cleaning Services for a period of 44 months**

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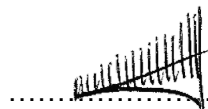
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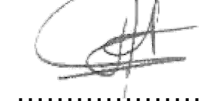
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## **1. INTRODUCTION**

The aim of this document is to highlight the strategy to follow by the technical evaluation team that are appointed to evaluate the Technical Returnable documentation for the Provision of Industrial Station Cleaning Services Contract Scope of Work (SOW).

## **2. SUPPORTING CLAUSES**

### **2.1 SCOPE**

This document refers to the Provision of Industrial Station Cleaning Services at Camden Power Station in which a contractor will be contracted to execute the Provision of Industrial Station Cleaning Services SOW (refer to Doc no: 240-109647530).

The document covers aspects that will be evaluated and scored by the Technical Evaluation Team (TET).

The document also describes the acceptable and unacceptable risks and qualifications and/or conditions.

The Technical Evaluation Strategy will define the following technical evaluation criteria:

- Mandatory Evaluation Criteria
- Qualitative Evaluation Criteria
- TET Member Responsibilities
- Acceptable / Unacceptable Qualifications

Once the Technical Evaluation Strategy is authorised no changes will be made to the evaluation criteria without appropriate authorisation.

#### **2.1.1 Purpose**

The purpose of this tender technical evaluation strategy is to define the Mandatory Evaluation Criteria, Qualitative Evaluation Criteria, and Technical Evaluation Team responsibilities for the tender technical evaluation. The technical evaluation strategy serves as a basis for the tender evaluation process.

#### **2.1.2 Applicability**

This document applies to the Camden Power Station and can be a reference document to Eskom Group Technology and Commercial.

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## 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
- [3] ISO 9001 Quality Management Systems.

### 2.2.2 Informative

- [4] 240-109647530 SOW

## 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
SOW	Scope of work
PSR	Plant Safety Regulations
TET	Technical Evaluation Team
HV	High Voltage

## 2.5 ROLES AND RESPONSIBILITIES

As per 240-48929482: Tender Technical Evaluation Procedure.

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## 2.6 PROCESS FOR MONITORING

The document shall be reviewed as and when required to be always in line with the best technological practices, Eskom's procurement policies and the Tender Technical Evaluation Procedure.

## 2.7 RELATED/SUPPORTING DOCUMENTS

Not applicable.

## 3. TENDER TECHNICAL EVALAUTION STRATEGY

### 3.1 TECHNICAL EVALUATION THRESHOLD

A weighted score-card approach shall be used to evaluate the technical compliance of the tenders against the specifications. The overall minimum weighted final score (threshold) required a tenderer to technically qualify for further evaluation is **80% due to the criticality of the service and the noncompliance experienced with previous contractors who failed to provide the service according to the requirements.**

The scoring method will consider the following qualitative evaluation criteria table:

Score	(%)	Definition
	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 requirement</li></ul>
	80%	<b>COMPLIANT WITH ASSOTIATED QUALIFICATIONS</b> Meet technical requirement(s) with: <ul style="list-style-type: none"><li>Acceptable technical risk(s), AND/OR</li><li>Acceptable exceptions, And/OR</li><li>Acceptable conditions.</li></ul>
	Below 80%	<b>NON-COMPLIANT</b> <ul style="list-style-type: none"><li>Does not meet technical requirement(s), AND/OR</li><li>Unacceptable technical risk(s), AND/OR</li><li>Unacceptable exceptions, AND/OR</li><li>Unacceptable conditions.</li></ul>

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3.2 TET MEMBERS

The names of TET members will be inserted in the technical evaluation feedback report document.

Table 1: TET Members

TET member	TET Member Name	Designation
TET 1		
TET 2		
TET 3		
TET 4		

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### 3.3 TECHNICAL EVALUATION CRITERIA

#### Technical Evaluation Criteria

The successful tender should have the following key technical aspects:

***Where the mandatory criteria are not met, no further evaluation will be done, and the tenderer deemed unqualified to execute the Services.***

**Table 2: Mandatory Technical Evaluation Criteria**

No.	Mandatory Technical Criteria Description	Reference to Technical Specification/Tender Returnable
1	<p>1.1 Proof of Experience - Minimum 36 months</p> <p>Industrial Cleaning Services OR similar work in relation to this scope of work in a Power Plant.</p> <p>1.2 Traceable references.</p>	<p><b><u>Requirement:</u></b></p> <p>Please provide completion certificates / copy of contracts or orders with contract or order numbers / with short description of the Services rendered and duration of the services rendered.</p> <p>Provide all references for each work experience submitted where the nature of the required/similar service is/was rendered.</p> <p>(Full names, email address, landline number)</p>

### 3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

A minimum of **80** points out of 100 points achieved on qualitative Evaluation criteria in order to proceed with further evaluation.

***NOTE: NEC 3 TSC- Core Clauses; People 24.1 Only documentation of persons observed during evaluation stage shall be allowed on site for the successful tenderer; only replacements with the exact same qualification, or better qualification shall be considered, during the contracting phase.***

***Persons other than those evaluated at Evaluation stage, shall not be allowed on SITE, at Contract Start Date.***

#### Service Experience background

Contractor, and staff shall have experience in carrying out the *Services*, or *Services* of similar nature, in another Power Plant. (Ability for supplier execute the required scope, based on method statement & work instruction/procedure). Contracting staff shall have experience of similar work in a Power Plants, especially key personnel e.g Site manager and Supervisors.

- Traceable references where *Services* was executed. (Full contact details and Proof of experience shall be submitted).
- Work force requirements as per tender requirements outlined in the scope of work.
- Related experience of employees:
  - ✓ CV's of all key personnel staff.( Site manager & Supervisors)
  - ✓ Legislative Authorisations (PSR & ORHVS) if any
  - ✓ Valid competency certificates of individuals
- Innovation by any value adding options over and above the tender specification offered.
- Capability/capacity – staffing structure and provision of equipment

Tenders, which do not meet Eskom's Qualitative requirements, will not be evaluated further.

Based on the evaluation criteria the tenderers will be given an overall rating of **X/100**, a minimum of 80/100 achieves an 80% result, **on Qualitative evaluation only.**



Tools and equipment- AFTER ALL TECHNICAL EVALUATIONS

Employer may request to verify technical evaluation returnable physically at the premises of the Supplier in order to determine if all the tools and equipment to execute the Services is available and ready for use.

- The list of equipment is available in the *Service Information/ SOW*.
- The Supplier, its Employees shall be available for inspection, on a pre arrange date by the Procurement officer of all *TOOLS and EQUIPMENT* to determine the validity of such equipment and tools to execute the Service Information.
- **Requirement: Should verification be done at the Suppliers premises an inventory list of all tools and equipment viewed at the premises shall be generated and kept by the Employer, and shall be available at the *START DATE* of the Contract, by the successful Service Provider.**

**NOTE: Tools and Equipment will be required to be on site as per the SOW on contract start date, any misrepresentation by the successful tenderer will lead to immediate disqualification – termination of contract.**

Table 3: Qualitative Technical Evaluation Criteria

No.:	Qualitative Technical Criteria Description		Criteria Weighting points
1.	Equipment		60
1.1	<p>1.1 2X Diesel Vacuum Truck (10m<sup>3</sup>) HPVR – 1000 Liquid ring (12500 litres Vacuum Tank) and HPVR – 1000 Liquid ring (12000 litres Combination VacJet)</p> <p>1.2 2X HP Jetting machine ( 1000 – 1500 bar)</p> <p>1.3 1x Double Cab Bakkie</p> <p>1.4 1X Road sweeper</p> <p>1.5 1X Bobcat</p> <p>1.6 4X Ride on Sweepers</p> <p>1.7 4X Walk behind Sweepers</p> <p>1.8 4X Floor Scrubbers</p> <p>1.9 2X small Walk behind Floor Scrubbers for small passages</p> <p>1.10 2X Vertical Heavy Duty Slurry Submersible Pump</p> <p>Specification</p> <ul style="list-style-type: none"> <li>- Pump type: 100 ANZE Submersible pump</li> <li>- Head: 38 m</li> <li>- Maximum solid content: &gt;65%</li> <li>- Flow Requirement: 220 m<sup>3</sup>/hr</li> <li>- Voltage: 380V ( Three phase)</li> </ul>	<p><b>Requirement:</b></p> <p>Please submit one of the following for each equipment</p> <p>Proof of Ownership registered under the tendered company's name (Vehicle registration documents or proof of purchase) Attach equipment specifications where applicable</p> <p>OR</p> <p>Lease agreement signed by both parties must include the duration of the contract and indicate availability or lead time for each equipment to be leased. Attach equipment specifications where applicable</p> <p>OR</p> <p>Company's Financial Statement – if equipment will be bought when contract is awarded.</p>	

No.:	Qualitative Technical Criteria Description	Criteria Weighting points
	<p>Note: The pump must be equipped with an inducer which makes settled solids to flow.</p> <p>Pump curves, Performance test Certificate must be attached on delivery.</p> <p>1.11 1X Diesel Pump</p> <p>Pumping capacity – :</p> <ul style="list-style-type: none"> <li>-Flow rate 650 m<sup>3</sup>/hr to 780 m<sup>3</sup>/hr;</li> <li>-Maximum speed – 1800rpm</li> <li>-Head – 50m to 60m</li> </ul> <p>1.12 8X Industrial Portable Vacuum cleaners (380v)</p> <p>1.13 2X Industrial Portable Pressure Washers</p> <p>1.14 3X 40m Heat Resistance pipe</p> <p>1.15 2X Cherry Picker/Scissors Lift(12m and 18m)</p>	
<b>2.</b>	<b>Competencies</b>	<b>15</b>
2.1	<p>2.1.1 2X Vacuum Truck Drivers ( Driver's license – Code 14)</p> <p>2.1.2 6X Vacuum Truck Operators ( Competency Certificate)</p> <p>2.1.3 6X HP Machine Operators ( Competency Certificate)</p> <p>2.1.4 2X Bobcat Operators (Competency Certificate)</p> <p>2.1.5 2X Rigger (Level/CAT 5 and minimum 3 years' experience) – Submit CV</p> <p>2.1.6 2X Cherry Picker Operators (Working at heights and MEWP Competency certificate)</p>	<p><b><u>Requirement:</u></b></p> <p>Please provide valid Driver's license and/or Competency Certificate to operate the mentioned equipment. (Clear Original Certified copies)</p> <p>NB: One competency certificate per person will be accepted; no duplication/ multiple authorisations will be accepted.</p>

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No.:	Qualitative Technical Criteria Description	Criteria Weighting points
3.	Experience	25
3.1	<div> <div>3.1.1 Proof of Experience - Minimum 36 months</div> <div>Industrial Cleaning in a Power Plant OR similar work in relation to this scope of work.</div> <div>3.1.2 Traceable references.</div> </div> <div> <p><b><u>Requirement:</u></b></p> <p>Please provide completion certificates / copy of contracts / contract or order numbers with short description of the Services rendered and duration of the services rendered.</p> <p>Provide all references for each work experience submitted where the nature of the required/similar service is/was rendered. (Full names, email address, landline number)</p> </div>	
		TOTAL: 100

### 3.5 TET MEMBER RESPONSIBILITIES

Table 4: TET Member Responsibilities score card

Supplier:.....

Maximum number of points percentage 100%		The overall minimum weighted final score (threshold) required for a tenderer to technically qualify for further evaluation is <b>80%</b> .	
		100%	
Gatekeeper/Mandatory	Values	Score	Reason/Explanation
<b>Proof of equipment :-</b>			
<b>Ownership / Lease agreement / Buy ( Financial Statement) 60%</b>		60%	
<b>Equipment:</b>			
1.1 2X Diesel Vacuum Truck (10m³) <b>HPVR – 1000 Liquid ring (12500 litres Vacuum Tank) and HPVR – 1000 Liquid ring (12000 litres VacJet - Combination)</b>	2	100%	
1.2 2X HP Jetting machine ( 1000 – 1500 bar)	2	100%	
1.3 1x Double Cab Bakkie	1	100%	
1.4 1X Road sweeper	1	100%	
1.5 1X Bobcat	1	100%	
1.6 4X Ride on Sweepers	4	100%	
1.7 4X Walk behind Sweepers	4	100%	
1.8 4X Floor Scrubbers	4	100%	
1.9 2X small Walk behind Floor Scrubbers for small passages	2	100%	
1.10 2X Heavy Duty Slurry Submersible Pump Specification - Pump type: 100 ANZE Submersible pump - Head: 38 m - Maximum solid content: >65% - Flow Requirement: 220 m³/hr - Voltage: 380V ( Three phase)  Note: The pump must be equipped with an Inducer which makes settled solids to flow. Pump curves, Performance test Certificate must be attached on delivery.	2	100%	
1.11 1X Diesel Pump <b>Pumping capacity – : Flow rate 650 m³ /hr to 780 m³ /hr; Maximum speed – 1800rpm Head – 50m to 60m]</b>	1	100%	
1.12 8X Industrial Portable Vacuum cleaners (380v)	8	100%	
1.13 2X Industrial Pressure Washers for basement floors	2	100%	
1.14 3X 40m Heat Resistance pipe	3	100%	
1.15 2X Cherry Picker/Scissors Lift(12m and 18m)	2	100%	
<b>Competencies – Equipment Operators 15%</b>		15,00%	
Driver's license and/or Certificate to operate below equipment.(Certified)			
2.1 2X Vacuum Truck Drivers	2	100%	
2.2 6X Vacuum Truck Operators	6	100%	
2.3 6X HP Machine Operators	6	100%	
2.4 2X Bobcat Operators	2	100%	
2.5 2X Rigger	2	100%	
2.6 2X Cherry Picker Operators	2	100%	
<b>Proof of Experience (Similar work or in relation to this scope of work)</b>			
<b>Minimum 3 years 25%</b>		25,00%	
3.1 Experience - Signed Appointment Letter, Contract Number, Letter of Acceptance from Contractor, Order number	36	100%	
3.2 References - Traceable ( Full names, Contact numbers, email address)	2	100%	

### 3.6 FORESEEN ACCEPTABLE / UNACCEPTABLE QUALIFICATIONS

#### 3.6.1 Risks

**Table 5: Acceptable Technical Risks**

Risk	Description
1.	Marginally failing to meet the 100% but meet the 80% threshold as stipulated in section 3.1.

**Table 6: Unacceptable Technical Risks**

Risk	Description
1.	Failing to meet any of the Technical Gatekeepers as listed in section 3.3, Table 2.

#### 3.6.2 Exceptions / Conditions

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

Risk	Description
1.	As per the requirements set out under the Qualitative Technical Evaluation Criteria, section 3.4 of this document.

**Table 8: Unacceptable Technical Exceptions / Conditions**

Risk	Description
1.	As per the requirements set out under the Mandatory Technical Evaluation Criteria, section 3.3 of this document.

#### 4. AUTHORISATION

This document has been seen and accepted by:

Name	Designation
Musa Dubazana	
David Mailula	

#### 5. REVISIONS

Date	Rev.	Compiler	Remarks
09/02/2022	01	ND Phakathi	Original

#### 6. DEVELOPMENT TEAM

Operating Support

#### 7. ACKNOWLEDGEMENTS

Development team

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