

	<p style="text-align: center;"><b>Specification</b></p>	<p style="text-align: center;"><b>Kusile Power Station</b></p>
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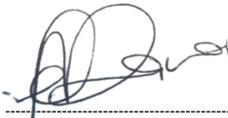
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<p>Date: 27/06/2024</p>	<p>Date: 27/06/2024</p>	<p>Date: 27/06/2024</p>

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### **CONTROLLED DISCLOSURE**

## **1. Introduction**

This document specifies the environmental requirements for all Eskom Kusile Power Station contractors, partners, and suppliers. These requirements are in addition to the requirements stipulated in the Kusile Power Station Operational Environmental Management Plan and Environmental Legislation.

## **2. Supporting Clauses**

### **2.1 Scope**

This document is applicable to all contractors, partners and suppliers doing work at all areas under direct control of Eskom Kusile Power Station.

#### **2.1.1 Purpose**

To ensure that all contractors and suppliers working for and on behalf of Kusile Power Station comply with environmental requirements during procurement and operation stages of the works.

#### **2.1.2 Applicability**

This document shall apply throughout Kusile Power Station procurement processes and operation stages of the works.

#### **2.1.3 Effective date**

From the date of signature.

### **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] 32-136: Construction Safety, Health, and Environmental Management
- [2] 32-727: Safety Health Environmental Quality Policy.
- [3] 32-726 SHE Requirements for the Eskom Commercial Process.

#### **2.2.2 Informative**

- [4] Environmental management Systems (ISO 14001) requirements
- [5] National Environmental management Act No 107 of 1998
- [6] Kusile Power Station Operational Environmental Management Plan (240-96626258)

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## **2.3 Definitions**

### **2.3.1 Contractor:**

Any employer formally contracted (directly or indirectly) by Eskom Kusile Power Station and who performs work, supplies a service, product, equipment, or material for the purposes of advancing Eskom Kusile Power Station's business or other interests. This includes personal contractors (i.e., consultants) and third-party contractors i.e., vendors, suppliers, agents, joint ventures, principal contractors, and subcontractors.

### **2.3.2 Environmental Management Plan:**

It is a programme/plan of action for achieving organisational objectives relating to the mitigation of environmental impacts of its activities, products, and services.

### **2.3.3 Environmental Management System:**

The part of the overall management systems that includes organisational structure planning activities, responsibilities, practices procedures and resources of developing, reviewing, and managing the environmental policy (ISO 14001: 2015).

## **2.4 Abbreviations**

<b>Abbreviation</b>	<b>Explanation</b>
EHS	Environment, Health, and Safety
OEMP	Operation Environmental Management Plan
SDS	Safety Data Sheet
SHE	Safety, Environment and Health

## **2.5 Roles and Responsibilities**

### **2.5.1 The Contractor and or Supplier**

Shall be responsible for implementing the requirements of this Specification.

### **2.5.2 Senior Environmental Advisor or Officer Environmental Management**

- a) Shall be responsible for evaluating compliance to this Specification during the various phases of the procurement and works.
- b) Shall ensure that this specification is issued during tender enquiry stage.

## **2.6 Process for Monitoring**

Compliance to this specification will be monitored during tender evaluation, ad-hoc inspections and by internal audits.

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## **2.7 Related/Supporting Documents**

Not applicable.

## **3. Environmental Requirements**

### **3.1 Instruction**

- c) The contractor and or supplier shall have a documented and implemented environmental management system e.g., environmental policy, operational procedures relating to their activities, Environmental Aspects and Impacts Register etc.
- d) The contractor and or supplier shall prepare an environmental management plan relating to their activities that will be carried out. The environmental management plan shall be based on, amongst others, Eskom Kusile Power Station's OEMP and any other applicable environmental legislation. The environmental management plan must include all the aspects and impacts relating to the activity and address the principle of continual improvement.
- e) The contractor and or supplier employees shall be inducted on the environmental requirements.
- f) The contractor and or supplier shall comply with all Eskom Kusile Power Station environmental requirements such as policies, standards, and procedures.
- g) The contractor shall appoint trained and competent personnel in writing where required, who will have the responsibilities of implementing all environmental requirements on a specific contract.
- h) Environmental incidents must be reported before the end of the shift or within 24 Hours.
- i) Eskom Kusile Power Station shall issue non-conformances where there are deviations from Eskom Kusile Power Station Procedures and any other environmental requirements.
- j) The contractor and or supplier shall allocate funds for the implementation of environmental requirements.
- k) Environmental Incident Investigations shall be done jointly where responsible managers and the environmental team from Eskom and the Eskom subsidiary or contractor are present.
- l) Environmental Incident investigation shall be done in accordance with Eskom Environmental Incident Management Procedure (240-133087117).

### **3.2 Records**

The following minimum records shall be kept on all sites:

- a) Contractor site specific Environmental Management Plan.
- b) Environmental Aspects and Impacts Register.
- c) Incident registers and investigation reports.
- d) Non-conformance register.
- e) Public Complaints register.
- f) Waste management plan and Waste disposal register.

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- g) Hazardous Substances registers and SDS where applicable.
- h) Records of audit reports and audit findings close-out, where applicable.
- i) Records of inspections conducted.
- j) Licences for Landfill sites/Waste Treatment plant for all waste streams generated and disposed by the contractor.
- k) Registration certificate for a waste service provider appointed by the contractor.
- l) Safe disposal certificates or weighbridge certificates for all waste disposed.
- m) Method statements/work instruction for the activities to be done onsite.

### **3.3 Tender Submission Documentation**

The following documentation shall be submitted with all tender submissions:

- a) If the contractor is certified under national or international listing scheme, a certified copy of the certificate for certification shall be sent with the tender, if not, the company's environmental management system manual and or Work Instructions should be submitted.
- b) An Environmental Aspects and Impacts register based on the scope of work as per tender documentation.
- c) Environmental Management Plan relating to the activities tendered for. This should, amongst others, be based on the scope of works as per tender documentation.
- d) Environmental bill of quantities as per scope of work.

## **4. Acceptance**

This document has been seen and accepted by:

<b>Name</b>	<b>Designation</b>
Christopher Nani	General Manager
Luvuyo Feni	Technical Plant Manager
Grace Olukune	Engineering Group Manager
Dumi Gama	Operating Group Manager
Abel Vuma	Maintenance Group Manager
Sipho Shabangu	Risk and Assurance Manager
Lesiba Kgobe	Environmental Management Manager
Vuyo Mokoena	Human Resource Manager
Barileng Makena	Coal Management Manager
Matshidiso Kgafane	Procurement Manager

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## 5. Revisions

<b>Date</b>	<b>Rev.</b>	<b>Compiler</b>	<b>Remarks</b>
June 2024	4	P Naledzani	3.1. F, reporting timelines explained.
June 2021	3	K.P Hlungwani	3.1 Added 3.1 I and j and edited 3.1 f to add more information required to form part of the incident and non-conformance reports. 3.2 Added list of records to be found on all sites. Changed Aspects/Impacts register to Environmental Aspects and Impacts register throughout the document.
April 2018	2	C Malebana	Document due for review
April 2016	1	L Kgobe	New Document

## 6. Development Team

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

- Lesiba Kgobe
- Cylia Malebana
- Maqhawe Nkambule
- Nhlonipho Nkosi
- Muwanwa Sinthumule
- Naledzani Phathutshedzo

## 7. Acknowledgements

None

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**Appendix A – Environmental Tender Evaluation Report**

	<b>Kusile Power Station Environmental Tender Evaluation Report</b>	<b>Doc. No.</b>	<b>240-106963417-1</b>
		<b>Alt.Doc No.</b>	N/A
		<b>Rev.</b>	01
		<b>Pages 3</b>	
<b>ENQUIRY NO</b>			
<b>NAME OF PROJECT MANAGER</b>			
<b>NAME OF BUYER</b>			
<b>PROJECT</b>			
<b>SCOPE</b>			
<b>REVISION REPORT</b>			
<b>CONTRACTOR/SUPPLIER</b>			
<b>Name and Details</b>			
<b>PURPOSE</b>	To assess whether the above-mentioned supplier/s submitted the required <i>environmental documentation</i> as specified in the Enquiry referenced below, and that such documentation complies with the specified requirements.		
<b>▪ REFERENCE DOCUMENT TATION</b>	SHE Requirements for contractors Environmental Management Plan Record of Decision (Environmental Authorization) – <i>where applicable</i>		
<b>2.3 EVALUATION CRITERIA</b>			
The tender submission score sheet indicating the criteria to be used, the weighting of each criterion and the weighting per discipline in multidisciplinary packages shall be authorised by the relevant senior manager. The approved tender submission score sheet shall be issued with the enquiry document to be used for technical evaluation.			
<b>ENVIRONMENTAL EVALUATION CRITERIA</b>			
<ul style="list-style-type: none"> <li><b>DOCUMENT REQUIREMENTS: ENVIRONMENTAL MANAGEMENT PLAN, ENVIRONMENTAL AUTHORISATION AND ENVIRONMENTAL REQUIREMENTS FOR CONTRACTORS</b></li> </ul>		<b>SCORE</b>	
		<b>Maximum</b>	<b>Actual</b>

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<b>1. ENVIRONMENTAL MANAGEMENT SYSTEM (e.g. ISO 14001)</b>		
1.1 Environmental Policy	1	
1.2 Objectives and Targets	1	
1.3 Roles and Responsibilities	1	
1.4 Communication	1	
1.5 Internal Audits	1	
1.6 Emergency Preparedness (Environmental related emergencies)	1	
1.7 Monitoring, measurement, and evaluation of compliance	1	
1.8 Non-Conformance, Corrective action and preventive action	1	
1.9 Management Review	1	
<b>2. ENVIRONMENTAL MANAGEMENT PLAN</b>		
2.1 Handling of Hazardous Chemical Substances	1	
2.2 Site Establishment	1	
2.3 Water Management	1	
2.4 Access Control	1	
2.5 Environmental Human Resources	1	
2.6 Environmental Training	1	
2.7 Environmental Incident Reporting	1	
2.8 Compliance to Other Legal Requirements	1	
<b>3. WASTE MANAGEMENT PLAN</b>		
3.1 Procedure/method statement submitted	1	
3.2 Register of possible waste to be generated by the project	1	
3.3 Waste segregation	1	
3.4 Waste minimization	1	
3.5 Records of waste quantities disposed (Template)	1	
3.6 Legislation requirements	1	
<b>4. ENVIRONMENTAL BILL OF QUANTITIES</b>		
4.1 Environmental Bill of quantities submitted	1	
4.2 Waste management	1	
4.3 Human Resources (Environmental Officer Services)	1	

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4.4 Environmental Management System		<b>1</b>	
<b>Final Score Total</b>		<b>Maximum Total</b>	<b>Actual Total</b>
		<b>27</b>	
<b>FINAL SCORE PERCENTAGE (%)</b>			
%			
<b>THRESHOLD</b>			
The score that each tenderer receives will provide a numeric basis for tender comparison. The minimum weighted average score required for a tender to be considered must be <b>80%</b> or above.			
<b>Motivation for failing to attain maximum score in the evaluation above</b>			
<b>No.</b>	<b>Requirement</b>	<b>Issue</b>	
<b>• ENVIRONMENTAL EVALUATOR</b>			
<b>Name</b>	<b>Signature</b>	<b>Date</b>	

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