

Maintenance of Demin Water Plant : Environmental Commercial Requirements

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List of Returnables

Environmental Policy

Environmental Aspect and Impact Register

Environmental Method Statement as per scope of work



Environmental Policy

- The contractor must submit a signed Environmental Policy. The policy should demonstrate your organization (top management)'s commitment to protection of the environment which is not only intended to prevent adverse environmental impacts through prevention of pollution, but to protect the natural environment from harm and degradation arising from the organisation's activities, products and services . The policy must also demonstrate commitment to compliance with legal and other requirements, prevent pollution and continually improve environmental performance..



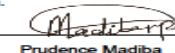
Research, Testing and Development Statement of Commitment to Environment

Eskom Research, Testing and Development's (RT&D) mandate is to conduct research, develop and select next horizon technologies to support Eskom's future.

We, as RT&D are committed to reducing our impact on the environment. We strive to improve our environmental performance over time and to ensure we integrate environmental requirements during the provision of specialist skills, research, technical testing and inspection services. RT&D will implement and continually improve environmental practices to reduce our impact on the environment and enhance ultimate environmental performance.

This Statement of Commitment to the environment will ensure alignment with the Environmental Management System ISO 14001:2015 and overall Eskom SHEQ Policy (32-727) and its objectives. RT&D's top management commitments to the environment will be achieved through:

- Establishing, implementing and maintaining an Environmental Management System.
- Fulfilling compliance obligations and applicable permits.
- Identifying and managing environmental risks from our activities, products and services by effectively mitigating and minimising the effects on environment.
- Ensuring that all employees working for or on behalf of RT&D are aware of the environmental aspects and impacts associated with their activities through continual training and awareness.
- Ensuring that environmental objectives are established and are compatible with the strategic direction and context of the organisation.
- Provision of a review framework to measure environmental performances and continually improve practices to enhance the environmental management system.
- Monitoring, reduction and prevention of environmental pollution.
- Ensuring that the products and services are designed to protect the environment.
- Ensuring that the statement of commitment to environment is communicated and understood by all employees and made available to all internal and external stakeholders on request.
- Commitment to comply with the Eskom document management processes and the Eskom Policy of Zero Harm.


Prudence Madiba

RESEARCH, TESTING AND DEVELOPMENT
GENERAL MANAGER
February 2023

Environmental Aspect and Impact Register as per scope of work



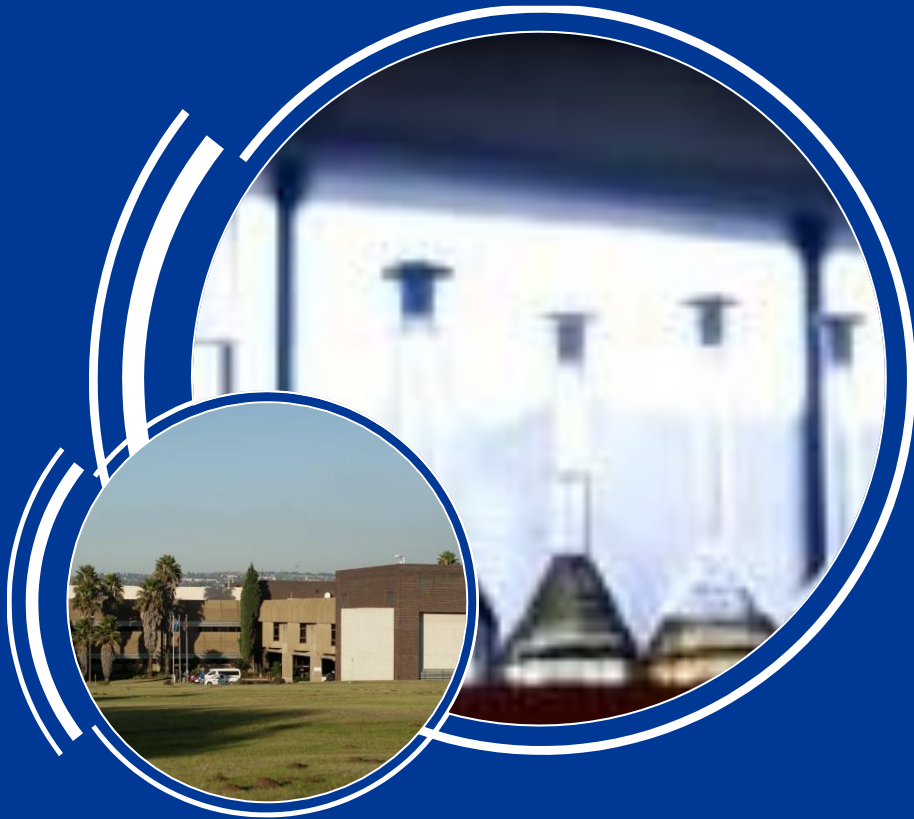
The supplier shall determine the aspects related to the scope of work. Aspect is an element of organization's activity, products or service which may interact with the environment and may cause negative or positive impact. While impact – refers to any change on the environment whether adverse or beneficiary. Changes to the environment, either adverse or beneficial, that result wholly or partially from environmental aspects are called environmental impacts. The environmental impact can occur at local, regional and global scales, and also can be direct, indirect or cumulative by nature. The relationship between environmental aspects and environmental impacts is one of cause and effect.

Activity	Aspect	Impact	Rating Environmental Impact			Regulatory requirement	Mitigation Measures	Performance Indicators	Monitoring	Responsible person	Date Completed / Remarks
			Likelihood	Magnitude	Significance rating						
General matters essential to the planning phase											
Working with hazardous substances	Spillages and storage	Soil and/or water pollution	1	1	1	<ul style="list-style-type: none">National Water Act 36 of 1998.National Environmental Management Act 107 of 1998	1. All hazardous substances must be stored in a suitable container and must be clearly marked with warning labels. 2. Employees handling such materials must be trained to do so. 3. MSDS for all hazardous substances used on site must be available on site.	Incident reports, Complaints from I & AP's register	Will be noted in project reviews, ECO visits	Contractor/ Project manager	

Method Statement

- A method statement must be submitted that explains the method that is going to be used to manage certain environmental aspect of the activity. It should clearly explain the step-by-step procedure which will be used execute the task.

<u>Ref</u>	<u>Environmental Tender Returnable</u>	<u>Comments</u>	<u>Submission</u> <u>Y = Yes</u> <u>N= No</u>
1	Signed Environmental Policy	<ul style="list-style-type: none"> Top management commitment to the Environment 	Yes
2	Aspects and Impacts register as per scope of work.	<ul style="list-style-type: none"> Identification, assessment, and control of activities that have or may have an impact on the environment. The methodology used must be provided together with the identified activities that have been identified, based on the scope of work, that have an impact on the environment and the control measures. 	Yes
3.	Environmental Method statement	<ul style="list-style-type: none"> A method statement must be submitted that explains the method that is going to be used to manage certain environmental aspect of the activity 	Yes
	Recommendation		Recommended / Not Recommended



Thank You