

ENVIRONMENTAL MANAGEMENT PLAN

1. PURPOSE

This Environmental Management Plan (EMP) forms part of Transnet National Ports Authority's (TNPA) Environmental Management System and is intended to provide guidance on TNPA's minimum environmental requirements to Contractors wishing to conduct their businesses on TNPA property. Its aim is also to obtain an undertaking by the Contractor on how actual & potential environmental impacts arising from Contractor activities will be managed. Its objective is also to ensure that all activities undertaken as part of the contract are carried out in line with all statutory requirements. These minimum requirements do not absolve the Contractor from complying with legislation.

2. SUBMISSION OF EMP TO TNPA

The EMP must be submitted not later than the date specified in the tender / request for proposal / quotation for review **and this has to be** prior to the awarding of the tender/contract. ***The tenderer/contractor has to submit this document, fully completed, to the Safety Health and Environment Department of TNPA prior to the commencement of any activity pertaining to the agreed to Contract Agreement on operations to take place on TNPA's property.*** All applications must take into account the requirements of the Environmental Impact Assessment Regulations as well as other environmental legal requirements specific to the contract.

3. NAME OF THE CONTRACTOR:

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4. CONTRACTOR CONTACT PERSON RESPONSIBLE FOR ENVIRONMENTAL MANAGEMENT (ENVIRONMENTAL SPECIALIST):

4.1 Name, Contact Details, Designation & Responsibilities pertaining to Environmental Management

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5. ENVIRONMENTAL AWARENESS AND TRAINING FOR EMPLOYEES & SUBCONTRACTORS:

5.1 Training Needs Analysis, Training Programme & Schedule, Induction, etc

Note: TNPA Induction is compulsory

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6. CONTRACT DESCRIPTION / SCOPE:

6.1 DETAILED DESCRIPTION OF ACTIVITIES THAT WILL BE CARRIED OUT AS WELL AS THE EQUIPMENT TO BE USED:

List Actual & Potential Negative Environmental Impacts that will result from each activity/equipment (Environmental Risk Assessment specific to the project /contract)

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7. DESCRIPTION OF PROPOSED SITE/INFRASTRUCTURE/FACILITIES TO BE USED

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8. LIST OF ALL INTERESTED & AFFECTED PARTIES

8.1 Name, Organisation & Nature of Interest

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9. OUTCOME OF CONSULTATION WITH INTERESTED & AFFECTED PARTIES:

9.1 Legislative Requirements, Written Comments, Compatibility with Other Commodities, Management of Sub-Contractors, Other Environmental/ Social & Economic Issues of concern, etc

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10 LICENSES, PERMITS AND AUTHORIZATION

10.1 Provide a list of applicable environmental legislation as well as copies of all valid environmental licenses, permits & authorizations relevant (specific) to the project/ contract activities including but not limited to the construction of facilities/infrastructure (Note: EIA Regulations to be borne in mind). No contractor will be allowed to start without the project specific authorizations

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11. AIR QUALITY MANAGEMENT PLAN

11.1 Identifying Sources & Proposed Air Quality Control Measures (e.g. Dust, Noxious Emissions, Noise, etc):

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12. WATER QUALITY MANAGEMENT PLAN:

12.1 Proposed Water Quality Management Measures (e.g. Drainage System, Storm water, Surface Water, Ground Water & Wastewater Management, Effluent Discharge Permits, Resource Conservation Initiatives, etc):

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13. WASTE MINIMIZATION/ MANAGEMENT PLAN

13.1 Proposed Waste Management Measures (Waste Generated, Containment, Transportation & Disposal, Waste Reduction, Re-use & Recycling, general housekeeping, prohibitions on littering, Waste Disposal Register, Waste Manifest, etc.):

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14. HAZARDOUS SUBSTANCES MANAGEMENT PLAN

14.1 Proposed Management/Control Measures for Hazardous Substances (e.g. Quantity, Storage, Handling, Transportation & Disposal-Material Safety Data Sheets, etc):

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15. SOIL MANAGEMENT PLAN

15.1 Proposed Control Measures for the soil (e.g. Baseline soil analysis, treatment, Provision of hard (impervious) surfaces, Housekeeping, leakages of hazardous substances from storage tanks, waste disposal practices, etc):

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16. EMERGENCY RESPONSE PLAN:

16.1 Proposed Emergency Response Plan (Emergency Coordinator, Employee Training/Awareness, Emergency Equipment/ Cleanup Contractors to be used in the event of an incident occurring, Emergency Contact Register, etc):

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17. PLANT AND EQUIPMENT MANAGEMENT:

17.1 Proposed Management Measures for Plant and Equipment, Service & Maintenance Cycle, Fuel Capacity, Oil, Grease, Noise level Management

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18. PROTECTION OF THE FAUNA & FLORA:

18.1 Proposed Management Measures to protect the fauna & flora (e.g. Eradication of alien species, protection of environmental sensitive / protected areas)

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19. MANAGEMENT PLAN FOR ABLUTION FACILITIES

19.1 Proposed Management Measures For Ablution Facilities (e.g. provision of adequate ablution facilities, frequency of servicing these ablution facilities to ensure they are sanitary and non-offensive)

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20. TRAFFIC MANAGEMENT PLAN:

20.1 Proposed Traffic Management Measures (e.g. Adherence to speed limits on private & public roads to avoid accidents that may lead to environmental damage)

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21. MONITORING PLAN:

21.1 Proposed Monitoring Plan e.g. Baseline & Ongoing Monitoring (what will be monitored, frequency, how the results will be recorded and where the records will be kept) (e.g. Site Inspections, Inspection Findings, Corrective/ Preventive Measures for Non-conformances)

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22. MANAGEMENT OF VISUAL IMPACT

22.1 Proposed Measures to buffer the aesthetic impact of e.g. stockpiles

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23. MANAGEMENT OF COMPLAINTS:

23.1 Proposed Measures to manage complaints, Complaints Register & Corrective Plan

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24. MANAGEMENT OF INCIDENTS:

24.1 Proposed Measures to manage incidents, Incident Register & Corrective Plan

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25. SITE SECURITY:

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26. REHABILITATION /DECOMMISSIONING PLAN:

26.1 Proposed Decommissioning and Rehabilitation Measures (e.g. for areas that have been disturbed/ contaminated)

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27. SITE CLOSURE AUDIT:

27.1 Audit to assess compliance status & rehabilitation prior to closure of the site

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Signed by:
Tenderer/Contractor Representative

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Date:

Signed by:
Tenderer's Environmental Specialist to confirm
his / her approval of the Environmental Risk Assessment,
EMP, Method Statements & other project-specific
supporting documents submitted to TNPA

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Date:

Signed by:
Transnet Representative (SHEQ Department)

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Date: