




## TE- ERMELO LOCOMOTIVE 1188

Description: <b>Specification for Effluent Plant Erection of Steel Structure Square Tubing Covered with Roof Sheeting on Top and Sides</b>				
Compiled by:	Maholo Dlamini		Date:	04.03.2024
Recommended by:	Makwale Letebele		Date:	01/03/2024
Approved by:	Thuthuka Zulu		Date:	04/03/2024
Local Business:	Ermelo Locomotive			
Location:	Ermelo Locomotive Depots			



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## **1. Scope of Work**

This specification requirement covers all the requirements that will be needed to inform the supplier/vendor/manufacture to carry out what is expected from him/her: The contract will be awarded as a turnkey project and the contractor will be responsible for all the work specified.

This specification states the minimum requirements relating to the work and in no way absolves the contractor from responsibility for sound engineering practice. Any omissions or sub-standard requirements of this specification must be brought to the attention of Transnet Engineering at tender stage and optional prices for addressing such omissions must be provided.

The Supplier shall supply all the labour, tools, material, equipment, consumables, facilities, testing and supervision required for the supply and erection of the carport like cover of the effluent plant at Ermelo Locomotives to prevent leaves shrubs and dust contaminating effluent plant.

## **2. Information Required**

Tenders shall be in duplicate and will not be considered if full particulars of all relevant equipment and works requested are not submitted at the tender stage, to ensure an objective assessment of the offer can be made. Tenderers shall confirm that the items that they are offering comply at a standard not less than the minimum required requirement asked for in the specifications. Tenderers must comply to these specifications, but alternative offers may, in addition, also be submitted. Such alternative offers must be fully motivated and substantiated.

### 3. Specific Requirements:

- Occupational Health & Safety Act (Act 85 of 1993) and its Regulations, as amended
- Compensation of Occupational Injuries and Diseases Act (Act 130 of 1993) as amended
- Transnet Contractor Management Procedure (TRN-IMS-GRP-PROC 014)
- Transnet Engineering IMS Compliance Policy Statement
- The contractor shall undergo Safety, Health and Environmental **(SHE) Induction**, and be issued with Induction certificate and valid permits authorising him/her to enter Transnet premises for the duration of the contract.
- All contractor employees shall present/have a valid medical fitness certificate throughout the duration of the contract.
- The contractor is required to produce an approved **Compliance File or SHE File** and **Site Instruction Book** on site at all **times**.
- All measurements and amounts must be stipulated in quote.
- A supervisor will be on site at all times.
- Comply with Transnet Engineering Waste Management Standard.
- Pollution Management and Control Standard Operating Procedure
- The correct PPE must be worn at all times. (Harnesses ropes, etc.)
- During and on completion of the project, there will be SHE inspections and Risk assessments done on the site that the supplier/vendor is working on, which will be reported to the project manager.
- Failure to comply will result in a stop certificate being issued and the supplier will be required to leave the site until the situation is rectified.

- Valid letter of good standing with the Compensation commissioner.

#### **4. Technical Requirements:**

All equipment and installation whether detailed in this specification or not shall comply with the requirements of the Occupational Health and Safety Act 85 of 1993 as amended. Sudden power losses will not have an adverse effect on equipment and shall not unduly delay return to operation after power is restored.

#### **5. Codes of Practice, Regulations & Standards:**

The tenderer shall specify which statutory or industry rules will be applied for the equipment to be working successfully and safely and shall indicate the designed life span.

#### **6. Loads and Duty Cycles:**

The tenderer shall describe all duty cycles that the equipment would be required to perform.

The duration and the number of cycles per day/week/month/year must also be stipulated.

#### **7. Dimensional Parameters:**

The tenderer shall describe the major physical dimensions that are required for ease of operation and installation.

#### **8. Operational Parameters:**

##### **8.1 Environment:**

The equipment will be required to operating in the climatic conditions of Ermelo:

##### **8.2 Special Requirements:**

The tenderer shall indicate any tooling, lifting attachments etc. which is not considered to be standard accessories for the equipment at hand and will be required to operate the equipment effectively and safely.

**8.3 Controls:**

The tenderer shall indicate the type of controls and layout to operate the equipment.

**8.4 Markings:**

The tenderer shall conspicuously mark the equipment with following info as a minimum: all PPE to be worn, technical data, dates of manufacture, manufacturer’s details etc.

**9. Specific Requirements:**

	<b>REQUIRED</b>	<b>DETAILS OF OFFER</b> Comply (Yes) / Do not comply (No)
<b>Scope Of Work</b>	<ul style="list-style-type: none"> <li>➤ The scope will cover the following:               <ul style="list-style-type: none"> <li>• Erection of Car Port like Structure at Effluent Plant</li> <li>• Supply and Erection of square tubing surrounding the effluent plant</li> <li>• Supply and Erection of IBR Roof Sheeting on Top and on All Sides surrounding the effluent Plant</li> <li>• Supply all other accessories required to erect the structure</li> <li>• The specific sizes of the effluent plant cover IBR sheeting required to be provided during the site briefing</li> </ul> </li> </ul>	
<b>Effluent Plant Structure Erection</b>	<ul style="list-style-type: none"> <li>➤ Erect Structure that is technically sound as per building regulations, using approved SABS material</li> <li>➤ Compliance to the Basic Conditions of Employment</li> </ul>	



	<b>REQUIRED</b>	<b>DETAILS OF OFFER</b> Comply (Yes) / Do not comply (No)
	<p>Act: Taxes: PAYE, VAT, UIF; Regional Services Levies and Skills Development Levy.</p> <ul style="list-style-type: none"> <li>➤ Compliance to the Compensation for Occupational Injuries and Diseases (COID), Occupational Health and Safety Act (Act No. 85 of 1993) as amended and its regulations such as the Hazardous Chemical Substances Regulations; Public Liability, and Provident fund.</li> <li>➤ Responsible for reporting IODs to compensation and provide claim numbers to TE and their employees.</li> <li>➤ Responsible for reporting any incident with more than 14 days loss time to DoL.</li> <li>➤ Provide all required equipment for working at heights e.g. valid safety harnesses, step ladders etc.</li> </ul>	
<b>Site Inspection</b>	<ul style="list-style-type: none"> <li>➤ This is to be carried out weekly by the contractor and a representative from Transnet Engineering Building and a report to be submitted on monthly meetings.</li> </ul>	
<b>Risk And Responsibility</b>	<ul style="list-style-type: none"> <li>➤ The contractor accepts full responsibility for its staff's actions and will ensure that such actions at no time place the staff or property of Transnet Engineering above mentioned sites in danger (specific reference to hazardous activities like weed eating, moving and the spraying of insecticides).</li> <li>➤ Should the contractor's workers participate in strikes, marches, riots or any other actions which</li> </ul>	



	<b>REQUIRED</b>	<b>DETAILS OF OFFER</b> Comply (Yes) / Do not comply (No)
	<p>fall outside their duties, it is the contractor's responsibility to control its personnel, restore order or, if necessary, to remove them from. Transnet Engineering premises</p> <ul style="list-style-type: none"> <li>➤ The contractor must discourage its workers from participating in any actions, such as mentioned above, whether these are initiated by staff of the institution concerned, or by any other outside body.</li> <li>➤ In the case of any strike, stay-away or action where no, or only partial service is rendered, and where the contractor is not responsible for remuneration (no work, no pay) of such personnel, the contract price for the period concerned shall be adjusted accordingly.</li> <li>➤ In the event of actions such as mentioned above, it is the responsibility of the contractor to calculate revised invoices and present them for payment at the end of the month in which only partial service was rendered.</li> <li>➤ The contractor accepts responsibility for any losses, which occur during the erection of effluent plant carport like cover when it can be established beyond reasonable doubt that his employees were responsible. Transnet Engineering shall request their staff to ensure that all items of value, cash, documents and personal items are securely locked away during service periods.</li> </ul>	
<b>Inspection</b>	<ul style="list-style-type: none"> <li>➤ All the services provided shall be subjected to inspection by the nominated officials of Transnet during any stage of the contract period.</li> </ul>	
<b>Reports</b>	<ul style="list-style-type: none"> <li>➤ Checklists and meetings must be submitted /attended at PEMM business about services that</li> </ul>	





	<b>REQUIRED</b>	<b>DETAILS OF OFFER</b> Comply (Yes) / Do not comply (No)
	are rendered by the contractor.	

**5. Quality Control:**

The contractor shall provide a quality control plan with the tender indicating how quality will be assured.

**TRANSNET LIMITED**  
**SCHEDULE OF PRICES:**

All prices **exclude Vat** and additional items listed (with prices) shall be clearly labelled as optional or essential.

<b>Item</b>	<b>Qty.</b>	<b>Price per item</b>	<b>Price</b>



<b>Total (Excl. VAT) to tender form</b>			<b>R</b>

Tenderer: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

**6. References:**

Standard operating procedure for specification of contract work

**7. Quality Control:**

The contractor shall provide a quality control plan with the tender indicating how quality will be assured.