

TRANSNET



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**TRANSNET PORT TERMINALS
WESTERN CAPE MULTI-PURPOSE TERMINALS
PROVISION FOR HANDLING AND TRANSPORTATION OF
MANGANESE ORE**

2023



Project Background: Multi Purpose Terminal Saldanha

Background

Transnet Port Terminals, MPT Terminal Saldanha (TPT MPT) is a Breakbulk Terminal handling facility located in Saldanha Bay. This is a 24 hour; 365 days operations and it handles various commodity and cargo export/import requirements, in support of market demands. The successful handling of the Manganese commodity requires the integrated synergy of all the departments within the Terminal to ensure that the Manganese is unloaded from the rail wagons.

Project Scope: Multi Purpose Terminal Saldanha

1. The service provider must be available 24 hours per day, 7 days per week, including weekends and Public Holidays, in order to support TPT's 24-hour operations
2. The Transportation and Cargo Handling Services may include ad-hoc services offered by TPT to certain customers as determined by TPT in its sole and unfettered discretion.
- 3. The intended operation is as follows:**
 - Offloading of Manganese Ore from Rail CR wagons type:
 - The Service Provider shall be responsible to offload the Manganese ore from rail wagons at TPT's premises by means of Straddle Excavators (hereinafter referred to as excavators) placed on portal frames to allow for the excavators to travel/move over the rail wagons during unloading of the wagons.
 - Transportation of Manganese ore to a covered storage area at Multi-Purpose Terminal.
 - The Service provider shall be required to transport the Manganese ore by means of articulated dumper trucks and stockpile the commodity in an undercover storage area at MPT warehouse.
 - Recording and reporting of Manganese ore stock levels at Multi-Purpose terminal.
 - The Service Provider must have controls in place to record and report on stockpile balances in terms of stacking space, as and when requested by TPT.



Project Scope: Multi Purpose Terminal Saldanha

4. The Service Provider will be required to provide the following:

A. (4) Straddle Excavators:

- The Service Provider must have available a minimum of 4 straddle excavators to be utilized at the Multi-Purpose Terminal. Each excavator should be elevated on a portal frame which should have (continuous track type) tracked wheels, to provide for the movement of the excavator from one rail wagon to another.
- Each excavator, which includes the actual load, and portal frames to be adequate to load the dumper trucks.
- Bidder to ensure that bucket size is optimal for the machine and operational throughput so as to off-load 125 wagons within 10 hours.
- Modification with regards to the excavator must be supported by engineering drawings and the qualification of a professionally registered engineer with Engineering Counsel of South Africa (ECSA) must be supplied by the bidder. The design of the portal frames and interface of the excavator to the wagons to be included.
- An independent Engineering Counsel of South Africa (ECSA) professionally registered Engineer must approve and sign-off the respective drawings and the qualification and registration of the engineer must be supplied by the bidder.
- Each excavator should have a grabbing reach of approximately 8.1 meters e.g., an approximate boom and arm length of 5.7 meters and 2.4 meters, respectively.

Project Scope: Multi Purpose Terminal Saldanha

- Each excavator should have a scoop with a minimum load capacity of approximately 1 cubic meter.
- The service provider shall furthermore be required to provide a minimum of 8 excavator operators to be deployed at the Multi-Purpose Terminal.
- The bidder to supply letter of exclusion from roadworthy for the excavators if no license can be provided.

B. (8) Articulated Dumper Trucks:

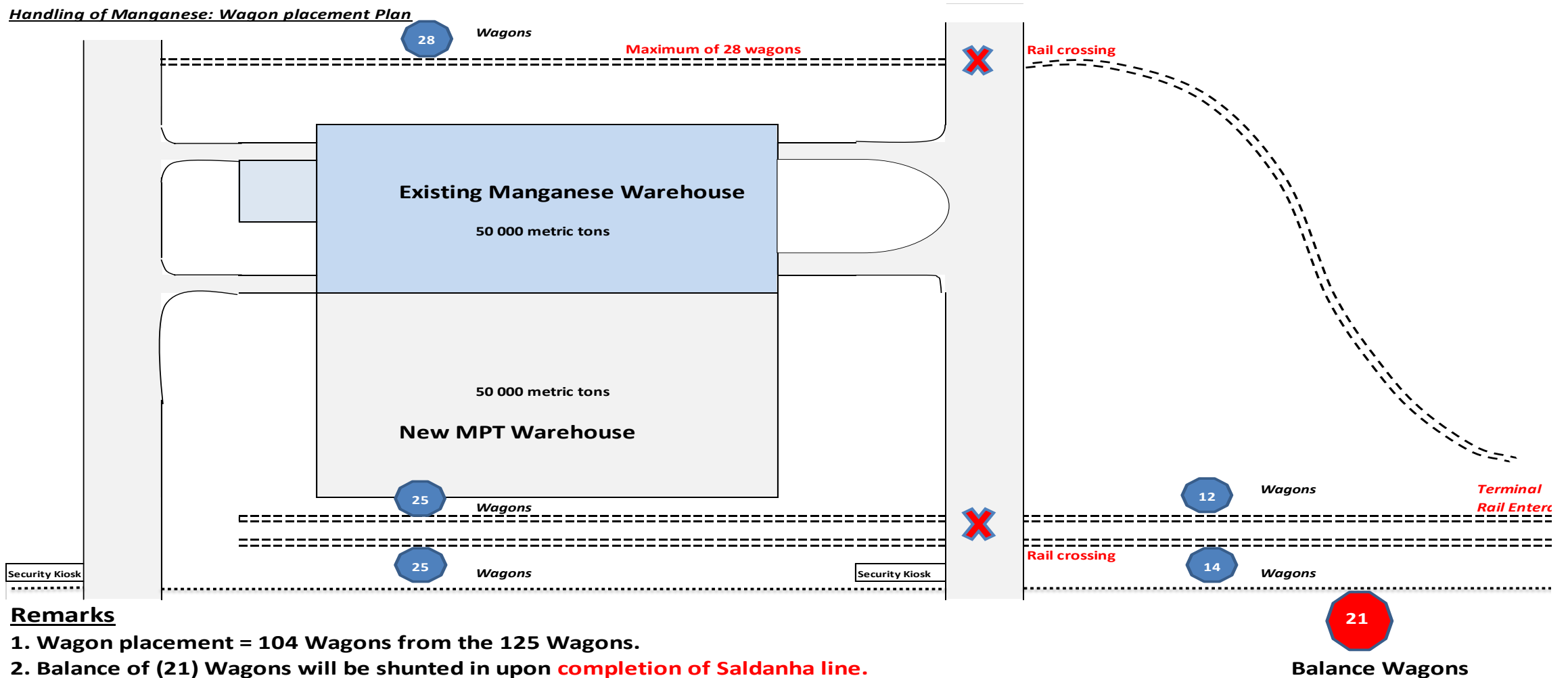
- Heavy load articulated dumper trucks to at least have a capacity of 25 tons (1 cubic meter of manganese weights 7 430kg).
- The Service Provider must have available a minimum of 16 articulated dumper trucks to be utilized at the Multi-Purpose Terminal to cover our 24-hour operations.
- The Service Provider must ensure it has 4 excavators and 8 articulated dumper trucks available to off- load and deliver Manganese ore to the MPT terminal warehouse.
- The bidder to supply letter of exemption from roadworthiness for the dumper trucks if no license can be provided.

Terminal View: Multi Purpose Terminal Saldanha



Yard View – Wagon Placement Plan: Multi Purpose Terminal Saldanha

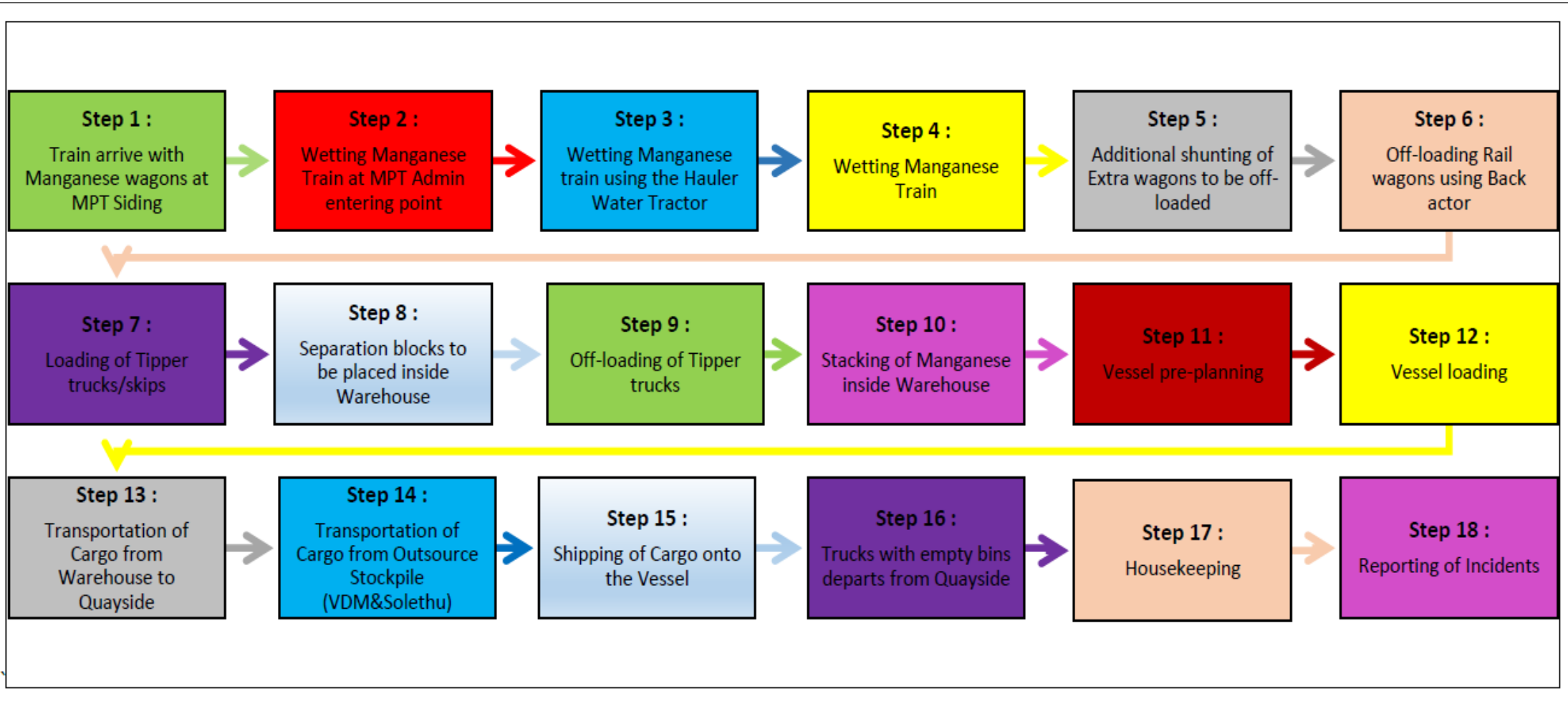
Handling of Manganese: Wagon placement Plan





Remarks

1. Wagon placement = 104 Wagons from the 125 Wagons.
2. Balance of (21) Wagons will be shunted in upon **completion of Saldanha line.**
3. Shunting will be arrange an hour in advance with TFR.
4. Rail line on Saldanhna will commence offloading with two (2) Excavators to completed the line in 5-6 hours.

SOP Train Offloading: Multi Purpose Terminal Saldanha



Project Technical Evaluation: Multi Purpose Terminal Saldanha

		PROVISION FOR TRANSPORTATION AND CARGO HANDLING SERVICES OF MANGANESE ORE (TRAIN OFF-LOADING) FOR TRANSNET PORT TERMINALS (HEREINAFTER REFERRED TO AS TPT) AN OPERATING DIVISION OF TRANSNET SOC LTD. AT THE MULTI-PURPOSE TERMINAL, PORT OF SALDANHA – FOR A PERIOD OF THREE (3) YEARS.							
CRITERIA	DESCRIPTION	WEIGHT (Points) %	SCORE BREAKDOWN AND DESCRIPTION	SCORE POINTS	Company #1		Company #2		
					Score	Comments	Score	Comments	
ELIGIBILITY	1. Service Records	Y/N	<p>Provided copies of service records for four (4) Excavators and eight (8) Articulated Dumper Trucks, or a confirmation letter from the Supplier/OEM for new equipment. If the service provider intends to lease equipment, a letter of intent to lease must be submitted from the lessor signed by both parties or a lease agreement for the equipment leased signed by both parties.</p>	Y/N					
	2. Company's Experience	20	<p>Provided Two (2) or more detailed traceable references in the past Two (2) years.</p> <p>Provided one (1) detailed traceable reference in the past two (2) years..</p> <p>No detailed traceable references provided in the past two (2) years.</p>	20 Points 10 Points 0 Points					
MEASURED CRITERIA	1. Response time - Provide dedicated Technical support to cover required maintenance, defects,breakdowns as well as supervision on a 24/7 basis and ideally to respond within (60) minutes or less. Supplier is required to submit a detailed and traceable reference confirming the service provider's response time, since we cannot afford any operational disruption to honor our commitments to our clients.	15	Response time 60 minutes or less	15 Points					
			More than 60 minutes	0 Points					
	2. Structure/Organogram - The service provider to submit the operational team's qualifications i.e certificates and structure/organogram as per clause 6.2.1 and 6.3.1 of the scope. Qualifications i.e certificates and structure/organogram should indicate at least two (2) teams.	5	Certificates and structure/organogram indicating two (2) teams or more submitted	5 Points					
			Certificates and structure/organogram indicating two (2) teams or more not submitted	0 Points					
	3. The service provider shall have a minimum of 16 drivers available. The drivers must hold the valid accompanying Code C1/EC drivers license and PrDP. The Service provider shall have a minimum of 8 excavator operators available. The operators must hold the valid accompanying competency certificates.	20	16 or more certified copies of Code C1/EC Driver's Lisenses and valid PrDP's 8 or more valid competency certificates for operators	20 Points					
			13 - 15 certified copies of Code C1/EC Driver's Lisenses and valid PrDP's 6 - 7 valid competency certificates for operators	10 Points					
			10 - 12 certified copies of Code C1/EC Driver's Lisenses and valid PrDP's 5 - 6 valid competency certificates for operators	5 Points					
			0 certified copies of Code C1/EC Driver's Lisenses and valid PrDP's 0 valid competency certificates for operators	0 Points					
	4. Certified copies of registration certificates or valid license certificates in respect of each dumper truck or letter of exemption from roadworthy by the National Road Traffic Act.	20	8 certified and valid copies of registration certificates or letter of exemption from roadworthy by the National Road Traffic Act.	20 Points					
			Less than 8 certified and valid copies of registration certificates or letter of exemption from roadworthy by the National Road Traffic Act.	0 Points					
5. Certified copies of registration certificates or valid license certificates in respect of each straddle excavator or letter of exemption from roadworthy by the National Road Traffic Act.	20	4 certified and valid copies of registration certificates or letter of exemption from roadworthy by the National Road Traffic Act.	20 Points						
		Less than 4 certified and valid copies of registration certificates or letter of exemption from roadworthy by the National Road Traffic Act.	0 Points						
		100							