

SPECIFICATION FOR A SERVICE FOR PROVISION OF GENERAL WASTE MANAGEMENT SERVICE FOR SALT RIVER PLANT, CAPE CORRIDOR (BELLVILLE DEPOT), AND ORE CORRIDOR (SALDANHA DEPOT) FOR 36 MONTHS.

1. Background

Transnet, a South African State-Owned Company (SOC) is the backbone of South Africa's railway freight logistics network. Transnet operates as an integrated freight transport company, formed around a core of operating divisions and specialist units that complement each other, including Transnet Freight Rail (TFR); Transnet Engineering (TE); Transnet National Ports Authority (TNPA); Transnet Port Terminals (TPT); Transnet Pipelines (TPL); and Transnet Property (TP). TE provides manufacturing, maintenance, and refurbishment services of rolling stock and specialized equipment to Freight Rail, National Ports Authority, Port Terminals, and Pipelines. TE Salt River covers mainly three areas, the Salt River Manufacturing Plant, and Rolling Stock Maintenance Depots in Bellville and Saldanha. TE generates tons of solid and liquid industrial waste from its manufacturing operations, maritime operations, and rolling stock maintenance operations. Therefore, TE requires suitable service provider to provide a service for general waste management **for Salt River Plant; Cape Corridor (Bellville Depot) and Iron Ore Corridor (Saldanha Depot)** for 36 months.

2. Scope of Work

In line with the requirements of NEM: Waste Act and the National Waste Management Strategy, TE's approach to waste management is informed by waste management hierarchy. Waste avoidance, reduction, re-use and recycling are the foundation of cradle-to-cradle waste management. The Service Provider will assist TE apply waste management hierarchy in managing waste, in particular recycling. To this end, the services required include the

provision of labour (on-site waste sorters), recycling equipment (balers, bulk bags, tables, 1000 L wheelie bin, etc.), appropriate waste receptacles (18 cubes RORO bins), handling, recycling, transportation, and disposal of waste. On-site sorting and baling of waste assist TE reduce the amount of waste disposed of in landfill site, thereby reducing TE's footprint.

The Service Provider should have the capacity to provide services in the areas tabled below:

TABLE 2.1 ESTIMATED DISTANCES FROM CAPE TOWN

| LOCATIO N | BUSSINESS/DEPOT/SUBDEP OT | COMPOSITION ACTIVITIES | ESTIMATED KILOMETERS FROM CAPE TOWN |
|------------------|------------------------------------|------------------------------------|--|
| Salt River Plant | All businesses | Workshops, Stores and Offices | 10 |
| Bellville Depot | Locomotives/SOE/PEMM/Wagons | Workshops, Stores and Offices | 30 |
| Saldanha Depot | Locomotives/SOE/PEMM/Wagons/Wheels | Workshop, Stores, Yard and Offices | 150 |

This scope of service will be that the Tenderer must be able to perform the services. as specified below:

TABLE 2.2 SCOPE OF WORK

| | | |
|-----|---|---|
| 1. | Provision of Equipment | Area/Frequency |
| a) | 18 cube RORO waste bins for general waste. The waste receptacles should meet all applicable national standards and further be able to temporarily store waste without causing any nuisance. | Specified areas as per schedule of prices |
| b) | Provision of recycling equipment such as, 1000L wheelie bins recycling balers, bulk bags, hand tools, power tools (where applicable), etc. | Specified areas as per schedule of prices |
| 2. | Providing consumables such labels, etc. | As and when |
| 3 | Provision of Labour | |
| (a) | The Contractor shall provide a total of 3 onsite waste sorters, 1 for Salt River Plant , 1 for Bellville Depot and 1 for Saldanha Depot to oversee waste separation, recycling, baling and collection of waste at the Depots from Monday to Friday. | Monday-Friday (07H00-15H30) |
| 3. | Collection, transportation of recycled materials to an authorised recycling facility, and sale of recycled materials (Credit Notes to be submitted to TE) | As and when |
| 4. | Collection, transportation, and disposal at authorised landfill sites. | As and when |
| 5. | Provide monthly waste management reports including waste volumes, dates of collections, where waste was disposed/treated/recycled; and all waste manifests and disposal certificates per depot (Salt River/Bellville/Saldanha) submitted in electronic form at least by 2nd of the following month. | Monthly |

| | | |
|----|--|-------------|
| 6. | Technical advice on waste legislation and regulations where required. | As and when |
|----|--|-------------|

3. Mandatory Submission

The following **mandatory document** must be submitted.

- **Valid City of Cape Town Accreditation as Waste Management Service Provider in line with the City of Cape Town Integrated Waste Management By-Law, as amended.**

4. Other Requirements

1. The Contractor shall confine his/her work on Mondays to Fridays from 7:00 to 15:30.
2. The Contractor shall provide sufficient, labour, leak free and well-maintained transport vehicles, and good condition waste skips/ bins, consumables and equipment of every description required for the carrying out of the work included in this contract for Saldanha, Bellville and Salt River.
3. Any waste removal should preferably be done in the presence of the Contractor's labour stationed on that particular Depot.
4. The Contractor shall provide waste bins, servicing and waste removal, transport and disposal of waste as indicated **within 24 hours from the time of request. No waste bin shall be removed/serviced without an authorisation from TE.**
5. **Any request received after 12H00 on Friday shall be serviced at least within 72 hours (the following Monday).**
6. The contractor shall allocate a contract manager who shall be responsible for managing the contract throughout the duration of the contract.
7. The Contractor must report all SHE accidents and incidents in which his/ her staff / employees are involved rendering services within TE premises immediately to the SHE Department.
8. The Contractor shall provide his/ her employees with all relevant Personal Protective Equipment (PPE)

9. The Contractor shall not interfere in any manner whatsoever with the production nor shall he /she carry out any work or perform any act which affect production, security or Transnet's property.
10. The Contractor shall comply with the provisions of the following Statutes among others, as well as all such laws, Provincial Ordinance, Local Authority Bylaws and all relevant Regulations applicable to the work to be undertaken as amended, including but not limited to;
 - a. The Compensation of Occupational Injuries and Diseases Act (Act 130 of 1993)
 - b. The Occupational Health and Safety Act (Act 85 of 1993)
 - c. The National Environmental Management Waste Act, No 59 of 2008
 - d. The National Environmental Management Act, Act 107 of 1998
 - e. The Environmental Conservation Act, Act 73 of 1989.
 - f. The National Traffic Act, Act 93 of 1996.
 - g. National Water Act, No 38 of 1998
 - h. Any other waste related legislation
 - i. City of Cape Town Integrated Waste Management By-Law
 - j. Saldanha Bay Municipality Integrated Waste Management By-Law
11. TE Risk & Safety Department shall monitor the Contractor and evaluate the level of compliance to the conditions stipulated in this specification and Transnet policies through inspections and audits where applicable.
12. All the services provided shall be subjected to inspection by the nominated officials of Transnet Engineering during any stage of the contract period. The Contractor shall permit unrestricted access, at any time, to Transnet Engineering official(s) in order that Transnet Engineering may witness the Contractor in the process of providing the services and to assess the performance of the Contractor in the execution of providing the services against the stipulated schedule of requirements, specification(s) and any mutually agreed upon and documented standard(s). This may include permitting the Transnet Engineering official(s) the opportunity to scrutinize any operational document(s) utilised by the Contractor.
13. Transnet Engineering reserves the right to arrange itself with another Contractor to carry out the service if the service is not adhered to. All costs including supervision in which Transnet Engineering is involved shall be borne solely by the Contractor.

14. **Contract will be terminated if Transnet Engineering is not satisfied with the services that have been provided.**

15. The contractor shall arrange for Transnet Engineering Safety Induction for all employees before they may enter the different sites for work, including new personnel in case of change in its employees / staff servicing TE's Depots.

16. **The service may be decreased/ increased according to the needs of Transnet Engineering.**

17. The **appointed** Contractor shall prepare and submit a SHE file that include **but not limited** to the following documents:

- a. Valid COID Letter of good standing;
- b. Public liability insurance;
- c. Signed Section 37 agreement (to be provided by Transnet Engineering);
- d. Medical certificates for each employee to work on site including.
 - i. Hearing test & Lung function test
- e. Safety File (Must include but not necessarily limited to):
 - i. Risk Assessment.
 - ii. Appointment letters
 - iii. Safe Operating Procedures
 - iv. Waste Management Plan
 - v. Personal Protective Equipment checklist indicating all PPE to be worn on site.

18. The contractor may be requested in the middle of the contract to change the waste handling equipment to suite TE waste management systems.

19. Ad hoc bins must be supplied as and when requested.

20. **Bins must be:**

- a. **Neatly painted and marked accordingly.**
- b. **General waste bins should be "preferably" blue in colour.**

5. TECHNICAL AND COST PROPOSAL:

1. The suitable Contractor shall propose all probable cost in relation to the defined scope of work as per schedule of prices (**See Table 5**)
2. **Any projected annual increases and rates must be factored into the quotation and indicated as the contract value will not change over the 36 months.**
3. **The following evaluation documents must be submitted.**
 - a. **Valid City of Cape Town Accreditation as Waste Management Service Provider (Mandatory submission)**
 - b. Registration/permits/licences for any recycling facility to be used.
 - c. List of similar work done in within the past three years (from January 2021), with name of the client and contract value.
 - d. Reference Letters for of similar work done in within the past three years (from January 2021).
 - e. Proof of waste management training of its employees, and waste management procedure
 - f. At least two copies of valid roll-on roll-off (RORO) trucks registered under the company, and two relevant valid driver's licences.
 - g. Copies of ISO 14001 certification ; ISO 45001 or OHSAS 18001; Proof of membership to IWMSA

TABLE 5: SCHEDULE OF PRICES

| Salt River | | | | | | | | |
|--|--------------------------------|-----------------------------|---------------------|---|--------------------------|------------------------|--------------------------------|---------------|
| NO. | Business | Position | Monthly Rental/Unit | Transportation costs per month (estimated 1 lift a month) | Estimated tons per month | Disposal Costs per ton | Total disposal costs per month | Monthly Total |
| 1 | Maritime Services | Next to Bay 46 | | | 1 | | | |
| 2 | Coaches | Next to Bay 28 | | | 1 | | | |
| 3 | RSE | Behind Bay 23 | | | 1 | | | |
| 4 | Wheels | Next to Bay 9 | | | 1 | | | |
| 5 | RM | Nex to RM | | | 1 | | | |
| 6 | PEMM/SOE/LOG& Support Services | Next to RM Logistics Stores | | | 1 | | | |
| Recycling Personnel & Equipment | | | | | | | | |
| 1 X on-site waste sorter | | | | | | | | |
| 1 X HDPE four-wheeled bulk bin -1100 litre | | | | | | | | |
| 30 cubes Recycling Container (closed top) | | | | | | | | |
| 1 X sorting table | | | | | | | | |
| Small baling machine (at least 4-ton press force single phase power supply vertical baler) | | | | | | | | |
| Other consumables (e.g. bale strapping rolls) | | | | | | | | |
| | | | | | | | | |
| Salt River Plant Monthly Subtotal | | | | | | | | |

| Bellville | | | | | | | | |
|--|-------------|------------|---------------------|---|--------------------------|------------------------|--------------------------------|---------------|
| NO. | Business | Position | Monthly Rental/Unit | Transportation costs per month (estimated 1 lift a month) | Estimated tons per month | Disposal Costs per ton | Total disposal costs per month | Monthly Total |
| 1 | Wagons | Waste area | | | 1 | | | |
| 2 | Locomotives | Waste area | | | 1 | | | |
| Recycling Personnel & Equipment | | | | | | | | |
| 1 X on-site waste sorter | | | | | | | | |
| 1 X HDPE four-wheeled bulk bin -1100 litre | | | | | | | | |
| 30 cubes Recycling Container (closed top) | | | | | | | | |
| 1 X sorting table | | | | | | | | |
| Bellville Depot Monthly Subtotal | | | | | | | | |

| Saldanha | | | | | | | | |
|--|-------------|------------|---------------------|---|--------------------------|------------------------|--------------------------------|---------------|
| NO. | Business | Position | Monthly Rental/Unit | Transportation costs per month (estimated 1 lift a month) | Estimated tons per month | Disposal Costs per ton | Total disposal costs per month | Monthly Total |
| 1 | Locomotives | Waste area | | | 1 | | | |
| 2 | Locomotives | "The Mall" | | | 1 | | | |
| 3 | Wagons | Waste area | | | 1 | | | |
| 4 | Wagons | Waste area | | | 1 | | | |
| Recycling Personnel & Equipment | | | | | | | | |
| 1 X on-site waste sorter | | | | | | | | |
| 1 X HDPE four-wheeled bulk bin -1100 litre | | | | | | | | |
| 30 cubes Recycling Container (closed top) | | | | | | | | |
| 1 X sorting table | | | | | | | | |
| Small baling machine (at least 4-ton press force single phase power supply vertical baler) | | | | | | | | |
| Other consumables (e.g. bale strapping rolls) | | | | | | | | |
| Saldanha Depot Monthly Subtotal | | | | | | | | |

| | |
|--------------------------------------|--|
| Annual Subtotal 1 st year | |
| Annual Subtotal 2 nd year | |
| Annual Subtotal 3 rd year | |
| Total Contract Value (vat excl.) | |
| Total Contract Value (vat incl.) | |

Table 5.2: Technical Evaluation Criteria

| CRITERIA | DESCRIPTION | | EVIDENCE |
|--------------------------------|--|-------|--|
| | MEASURE | SCORE | |
| Experience | Reference letters of similar work done within the past three years (from January 2021), with contactable reference letters. At least two or more references submitted | 30% | Contactable signed reference letters |
| | Less than two (2) references submitted | 0% | |
| Waste Management Best Practice | Valid ISO 14001 certification; or ISO 45001; or Proof of membership to IWMSA (any of these) submitted | 10% | Valid Registration/Accreditation Certificate (s) |
| | Valid ISO 14001 certification; or ISO 45001; or Proof of membership to IWMSA (any of these) not submitted | 0% | |
| Training | Proof of waste management training of company's employees submitted | 10% | Certificates or signed attendance register |
| | Proof of waste management training of company's employees not submitted | 0 | |
| | Waste management procedure, and proof of training of employees in the waste management procedure submitted | 10% | Signed attendance register |

| | | | |
|-----------------|--|-----|--|
| | Waste management procedure, and proof of training of employees in the waste management procedure not submitted | 0 | |
| Capacity | At least two copies of valid roll-on roll-off (RORO) trucks registered under the company, and two relevant valid driver's licences submitted | 40% | Valid truck registration certificates & valid driver's licence cards |
| | At least two copies of valid roll-on roll-off (RORO) trucks registered under the company, and two relevant valid driver's licences not submitted | 0 | |

Adequate (minimum qualification): 80 % or more

Not adequate: Less than 80%

Compiled & approved by



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Date