

**Transnet Freight Rail**

an Operating Division **TRANSNET SOC LTD**

[Registration Number 1990/000900/30]

**REQUEST FOR PROPOSAL (RFP)**

**MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.**

|                                                     |                                                          |
|-----------------------------------------------------|----------------------------------------------------------|
| <b>RFP NUMBER</b>                                   | <b>: SIC21020CIDB (HOAC_HO_37028)</b>                    |
| <b>ISSUE DATE</b>                                   | <b>: 04 April 2022</b>                                   |
| <b>NON-COMPULSORY TENDER CLARIFICATION MEETING:</b> | <b>13 APRIL 2022 @ 9am</b>                               |
| <b>CLOSING DATE</b>                                 | <b>: 10 MAY 2022</b>                                     |
| <b>EXTENDED CLOSING DATE</b>                        | <b>: 17 MAY 2022</b>                                     |
| <b>CLOSING TIME</b>                                 | <b>: 10h00 am</b>                                        |
| <b>TENDER VALIDITY PERIOD</b>                       | <b>: 12 WEEKS FROM CLOSING DATE<br/>(11 August 2022)</b> |

## **Contents**

| <b>Number</b> | <b>Heading</b> |
|---------------|----------------|
|---------------|----------------|

### **The Tender**

#### **Part T1: Tendering Procedures**

- |      |                                        |
|------|----------------------------------------|
| T1.1 | Tender Notice and Invitation to Tender |
| T1.2 | Tender Data                            |

#### **Part T2: Returnable Documents**

- |      |                             |
|------|-----------------------------|
| T2.1 | List of Returnable Document |
| T2.2 | Returnable Schedules        |

### **The Contract**

#### **Part C1: Agreements and Contract Data**

- |      |                              |
|------|------------------------------|
| C1.1 | Form of Offer and Acceptance |
| C1.2 | Contract Data (Parts 1 & 2)  |

#### **Part C2: Pricing Data**

- |      |                      |
|------|----------------------|
| C2.1 | Pricing Instructions |
| C2.2 | Price list           |

#### **Part C3: Scope of Services**

- |      |                     |
|------|---------------------|
| C3.1 | Service Information |
|------|---------------------|

#### **Part C4: Site Information**

- |      |                  |
|------|------------------|
| C4.1 | Site Information |
|------|------------------|

## T1.1 TENDER NOTICE AND INVITATION TO TENDER

### SECTION 1: NOTICE TO TENDERERS

#### 1. INVITATION TO TENDER

Responses to this Tender [hereinafter referred to as a **Tender**] are requested from persons, companies, close corporations or enterprises [hereinafter referred to as a Tenderer].

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DESCRIPTION</b>                                 | MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>TENDER DOWNLOADING</b>                          | <b>This Tender may be downloaded directly from the National Treasury eTender Publication Portal at <a href="http://www.etenders.gov.za">www.etenders.gov.za</a> FREE OF CHARGE.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>NON-COMPULSORY TENDER CLARIFICATION MEETING</b> | <p>A Non-Compulsory Tender Clarification Meeting will be conducted via <b>Microsoft Teams</b> on the <b>13 April 2022</b>, at <b>09:00am [09 O'clock]</b> for a period of ± 2 (two) hours. [Tenderers to provide own transportation and accommodation].</p> <p>The Non-Compulsory Tender Clarification Meeting will start punctually, and information will not be repeated for the benefit of Tenderers joining late.</p> <p>Tenderers are to send back the intention to tender with their details not later than the <b>08 April 2022</b>, an invitation with the link to the tender clarification meeting will be sent to all bidders who have expressed their intention to attend the meeting not later than the <b>11 April 2022</b>.</p> <p>Failure to submit the intention to tender before or on the deadline will result in bidders not getting an invitation to the clarification meeting.</p> |
| <b>CLOSING DATE</b>                                | <p><b>10:00am on (2022/05/17)</b></p> <p>Tenderers must ensure that tenders are uploaded timeously onto the system. If a tender is late, it will not be accepted for consideration.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>VALIDITY PERIOD</b>                             | <p><b>Twelve (12) weeks Business Days from Closing Date: 11 August 2022</b></p> <p>Tenderers are to note that they may be requested to extend the validity period of their tender, at the same terms and conditions, if the internal evaluation process has not been finalised within the validity period. However, once the adjudication body has approved the process and award of the business to the successful Tenderer(s), the validity of the successful Tenderer(s)' bid will be deemed to remain valid until a final contract has been concluded.</p>                                                                                                                                                                                                                                                                                                                                          |

## 2. **TENDER SUBMISSION**

Transnet has implemented a new electronic tender submission system, the e-Tender Submission Portal, in line with the overall Transnet digitalization strategy where suppliers can view advertised tenders, register their information, log their intent to respond to bids and upload their bid proposals/responses on to the system.

a) The Transnet e-Tender Submission Portal can be accessed as follows:

- Log on to the Transnet eTenders management platform website (<https://www.transnet.net>);
- Click on "TENDERS";
- Scroll towards the bottom right hand side of the page;
- On the blue window click on "register on our new eTender Portal";
- Click on "ADVERTISED TENDERS" to view advertised tenders;
- Click on "SIGN IN/REGISTER – for bidder to register their information (must fill in all mandatory information);
- Click on "SIGN IN/REGISTER" - to sign in if already registered;
- Toggle (click to switch) the "Log an Intent" button to submit a bid;
- Submit bid documents by uploading them into the system against each tender selected.

b) The tender offers to this tender will be opened as soon as possible after the closing date and time. Transnet shall not, at the opening of tenders, disclose to any other company any confidential details pertaining to the Tender Offers / information received, i.e. pricing, delivery, etc. The names and locations of the Tenderers will be divulged to other Tenderers upon request.

c) Submissions must not contain documents relating to any Tender other than that shown on the submission.

## 3. **CONFIDENTIALITY**

All information related to this RFP is to be treated with strict confidentiality. In this regard Tenderers are required to certify that they have acquainted themselves with the Non-Disclosure Agreement. All information related to a subsequent contract, both during and after completion thereof, will be treated with strict confidence. Should the need however arise to divulge any information gleaned from provision of the Works, which is either directly or indirectly related to Transnet's business, written approval to divulge such information must be obtained from Transnet.

#### 4. **DISCLAIMERS**

Tenderers are hereby advised that Transnet is not committed to any course of action as a result of its issuance of this Tender and/or its receipt of a tender offer. In particular, please note that Transnet reserves the right to:

- 4.1. Award the business to the highest scoring Tenderer/s unless objective criteria justify the award to another tenderer.
- 4.2. Not necessarily accept the lowest priced tender or an alternative Tender;
- 4.3. Transnet intends on splitting the award of this contract to mitigate the risk of security of supply. The split of business will be structured as follows:
  - The number of successful responds may be up to Four (4), depending on whether the full requirement of machines is met.
  - Where a split is required, Transnet reserves the right to conduct post-tender negotiations with all the shortlisted respondents in an effort to achieve a market-related price, failure to achieve market related prices will mean no split award.
- 4.4. Go to the open market if the quoted rates (for award of work) are deemed unreasonable;
- 4.5. Should the Tenderers be awarded business on strength of information furnished by the Tenderer, which after conclusion of the contract is proved to have been incorrect, Transnet reserves the right to terminate the contract;
- 4.6. Request audited financial statements or other documentation for the purposes of a due diligence exercise;
- 4.7. Not accept any changes or purported changes by the Tenderer to the tender rates after the closing date;
- 4.8. Verify any information supplied by a Tenderer by submitting a tender, the Tenderer/s hereby irrevocably grant the necessary consent to the Transnet to do so;
- 4.9. Conduct the evaluation process in parallel. The evaluation of Tenderers at any given stage must therefore not be interpreted to mean that Tenderers have necessarily passed any previous stage(s);
- 4.10. Unless otherwise expressly stated, each tender lodged in response to the invitation to tender shall be deemed to be an offer by the Tenderer. The Employer has the right in its sole and unfettered discretion not to accept any offer.

- 4.11. Not be held liable if tenderers do not provide the correct contact details during the clarification session and do not receive the latest information regarding this RFP with the possible consequence of being disadvantaged or disqualified as a result thereof.
- 4.12. Transnet reserves the right to exclude any Tenderers from the tender process who has been convicted of a serious breach of law during the preceding 5 [five] years including but not limited to breaches of the Competition Act 89 of 1998, as amended. Tenderers are required to indicate in tender returnable [clause 12 on T2.2-20], [**Breach of Law**] whether or not they have been found guilty of a serious breach of law during the past 5 [five] years.
5. Transnet will not reimburse any Tenderer for any preparatory costs or other work performed in connection with this Tender, whether or not the Tenderer is awarded a contract.

**6. NATIONAL TREASURY'S CENTRAL SUPPLIER DATABASE**

Tenderer are required to self-register on National Treasury's Central Supplier Database (CSD) which has been established to centrally administer supplier information for all organs of state and facilitate the verification of certain key supplier information. The CSD can be accessed at <https://secure.csd.gov.za/>. Tenderer are required to provide the following to Transnet in order to enable it to verify information on the CSD:

Supplier Number..... and Unique registration reference number..... (**Tender Data**)

**Transnet urges its clients, suppliers and the general public  
to report any fraud or corruption to  
TIP-OFFS ANONYMOUS: 0800 003 056 OR [Transnet@tip-offs.com](mailto:Transnet@tip-offs.com)**

**ACKNOWLEDGMENT OF RECEIPT OF DOCUMENTS AND INTENTION TO TENDER**

**(To be returned: By 08 April 2022)**

**Failure to submit the intention to tender before or on the deadline will result in bidders not getting an invitation to the clarification meeting.**

**RETURN** Transnet Freight Rail      Project    N/A  
**TO:**      **Attention:**      No.:  
            **Lerato Morailane, and Dipuo Maroane**  
            **Email:**      **Tender**    **SIC21020CIDB (HOAC\_HO\_37028)**  
            [Lerato.Morailane@transnet.net](mailto:Lerato.Morailane@transnet.net)      **No.:**  
            [Dipuo.maroane@transnet.net](mailto:Dipuo.maroane@transnet.net)  
            Tender  
            Closing    **17 May 2022**  
            Date:

**MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.**

**Check**

**We: Do wish to tender** for the work and shall return our tender by the due date above      **Yes** ☐

**Do not wish to tender** on this occasion and herewith return all your documents receive      **No** ☐

**Company Name** \_\_\_\_\_

**Company Representative** \_\_\_\_\_

**Designation** \_\_\_\_\_

**Address** \_\_\_\_\_

**Contact Number** \_\_\_\_\_

**Email Address** \_\_\_\_\_

**Signature:** \_\_\_\_\_

### RFP CLARIFICATION REQUEST FORM

**RFP No: SIC21020CIDB (HOAC\_HO\_37028)**

RFP deadline for questions / RFP Clarifications: **12:00pm 25 April 2022**

TO: Transnet SOC Ltd  
ATTENTION: Governance, Transnet Freight Rail Tender Office  
EMAIL: [Prudence.Nkabinde@transnet.net](mailto:Prudence.Nkabinde@transnet.net)  
Cc: [Dipuo.marokane@transnet.net](mailto:Dipuo.marokane@transnet.net)  
DATE: \_\_\_\_\_  
FROM: \_\_\_\_\_

Indicate whether this query is general in nature and applicable to all service categories Yes ☐ No ☐

1. For all clarification questions **prior** to the tender closing date and time, direct the communication to the RFP Administrator at [Dipuo.marokane@transnet.net](mailto:Dipuo.marokane@transnet.net)
2. For all clarification questions **after** the tender closing date and time, direct the communication to:

TO: Transnet SOC Ltd  
ATTENTION: Governance, Transnet Freight Rail Tender Office  
EMAIL: [Prudence.Nkabinde@transnet.net](mailto:Prudence.Nkabinde@transnet.net)  
Cc: [Dipuo.marokane@transnet.net](mailto:Dipuo.marokane@transnet.net)  
DATE: \_\_\_\_\_  
FROM: \_\_\_\_\_

|                               |
|-------------------------------|
| REQUEST FOR RFP CLARIFICATION |
|-------------------------------|

SIGNED at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
SIGNATURE OF TENDERER

\_\_\_\_\_  
SIGNATURE OF WITNESS

\_\_\_\_\_  
NAME OF TENDERER

\_\_\_\_\_  
NAME OF WITNESS

**NB: Bidders are required to return this document after downloading the tender document from the National Treasury eTender Publication Portal at [www.etenders.gov.za](http://www.etenders.gov.za) or [www.transnetfreightrailtr.net/Supplier/Pages/Tenders.aspx](http://www.transnetfreightrailtr.net/Supplier/Pages/Tenders.aspx) so that all clarifications can be sent to them.**

## T1.2 TENDER DATA

The conditions of tender are the Standard Conditions of Tender as contained in Annex C of the CIDB Standard for Uniformity in Engineering and Construction Works Contracts. The Standard for Uniformity in Construction Procurement was first published in Board Notice 62 of 2004 in Government Gazette No 26427 of 9 June 2004. It was subsequently amended in Board Notice 67 of 2005 in Government Gazette No 28127 of 14 October 2005, Board Notice 93 of 2006 in Government Gazette No 29138 of 18 August 2006, Board Notice No 9 of 2008 in Government Gazette No 31823 of 30 January 2009, Board Notice 86 of 2010 in Government Gazette No 33239 of 28 May 2010, Board Notice 136 of 2015 in Government Gazette 38960 of 10 July 2015 and Board Notice 423 of 2019 in Government Gazette No 42622 of 8 August 2019.

This edition incorporates the amendments made in Board Notice 423 of 2019 in Government Gazette 42622 of 8 August 2019. (see [www.cidb.org.za](http://www.cidb.org.za)).

The Standard Conditions of Tender make several references to Tender data for detail that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item of data given below is cross-referenced in the left-hand column to the clause in the Standard Conditions of Tender to which it mainly applies.

| Clause                                                             | Data                                                                                            |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| C.1.1 The <i>Employer</i> is                                       | <b>Transnet SOC Ltd</b><br><b>(Reg No. 1990/000900/30)</b>                                      |
| C.1.2 The tender documents issued by the <i>Employer</i> comprise: |                                                                                                 |
| <b>Part T: The Tender</b>                                          |                                                                                                 |
| Part T1: Tendering procedures                                      | T1.1 Tender notice and invitation to tender<br>T1.2 Tender data                                 |
| Part T2 : Returnable documents                                     | T2.1 List of returnable documents<br>T2.2 Returnable schedules                                  |
| <b>Part C: The contract</b>                                        |                                                                                                 |
| Part C1: Agreements and contract data                              | C1.1 Form of offer and acceptance<br>C1.2 Contract data (Part 1 & 2)<br>C1.3 Form of Securities |
| Part C2: Pricing data                                              | C2.1 Pricing instructions: Option A<br>C2.2 Price List                                          |
| Part C3: Scope of Service                                          | C3.1 Service Information                                                                        |

| Part C4: Site information |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | C4.1 Site information                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| C.1.4                     | The Employer's agent is:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Procurement Officer                                                        |
|                           | Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Dipuo Maroane                                                              |
|                           | Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15 Girtton Road<br>Parktown<br>2193                                        |
|                           | Tel No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 011 584 0613                                                               |
|                           | E – mail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="mailto:Dipuo.maroane@transnet.net">Dipuo.maroane@transnet.net</a> |
| C.2.1                     | Only those tenderers who satisfy the following eligibility criteria are eligible to submit tenders:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
|                           | <b>1. Stage One - Eligibility in terms of the Construction Industry Development Board:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                            |
|                           | a) Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, designation of <b>5CE or higher</b> class of construction work, are eligible to have their tenders evaluated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |
|                           | b) Joint Venture (JV)<br>Joint ventures are eligible to submit tenders subject to the following: <ol style="list-style-type: none"> <li>every member of the joint venture is registered with the CIDB;</li> <li>the lead partner has a contractor grading designation of not lower than one level below the required grading designation in the class of construction works under consideration and possesses the required recognition status; and</li> <li>the combined Contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a Contractor grading designation determined in accordance with the sum tendered for a 5CE or higher class of construction work or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations</li> <li>The tenderer shall provide a certified copy of its signed joint venture agreement.</li> </ol> |                                                                            |
|                           | <b><i>Any tenderer that fails to meet the stipulated eligibility criteria will be regarded as an unacceptable tender.</i></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                            |
| C.2.7                     | The arrangement for the non-compulsory clarification are as stated in the Tender Notice and Invitation to Tender.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                            |
| C.2.12                    | No alternative tender offers will be considered.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                            |

C.2.13.3 Each tender offer shall be in the **English Language**.

C.2.13.5 The *Employer's* details and identification details that are to be shown on each tender  
 C2.15.1 offer package are as follows:

- |                         |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Identification details: | The tender documents must be uploaded with: <ul style="list-style-type: none"> <li>▪ Name of Tenderer:</li> <li>▪ Contact person and details:</li> <li>▪ The Tender Number: SIC21020CIDB (HOAC_HO_37028)</li> <li>▪ The Tender Description: Maintenance of Railway Track with On-Track Ballast Regulating Machines Countrywide On An 'As and When Required' Basis for A Period of Eighty-Four (84) Months</li> </ul> |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Documents must be marked for the attention of:  
***Employer's Agent:***

C.2.13.9 Telephonic, telegraphic, facsimile or e-mailed tender offers will not be accepted.

C.2.15 The closing time for submission of tender offers is:  
 Time: **10:00am** on the **17 May 2022**  
 Location: The Transnet e-Tender Submission Portal: [www.transnet.net](http://www.transnet.net)  
**NO LATE TENDERS WILL BE ACCEPTED**

C.2.16 The tender offer validity period is **12 weeks** after the closing date. Tenderers are to note that they may be requested to extend the validity period of their tender, on the same terms and conditions, if Transnet's internal evaluation and governance approval processes has not been finalised within the validity period.

- C.2.23 The tenderer is required to submit with his tender:
1. A valid Tax Clearance Certificate issued by the South African Revenue Services.  
**Tenderers also to provide Transnet with a TCS PIN to verify Tenderers compliance status.**
  2. A **valid B-BBEE Certificate** from a Verification Agency accredited by the South African Accreditation System [**SANAS**], or a **sworn affidavit** confirming annual turnover and level of black ownership in case of all EMEs and QSEs with 51% black ownership or more together with the tender;
  3. A valid CIDB certificate in the correct designated grading;
  4. Proof of registration on the Central Supplier Database;
  5. Letter of Good Standing with the Workmen's compensation fund by the tendering entity or separate Letters of Good Standing from all members of a newly constituted JV.

**Note:** Refer to Section T2.1 for List of Returnable Documents

- C.3.11. Only tenders that achieve the stipulated eligibility criteria will be evaluated further in accordance with the 80/20 preference points systems as described in Preferential Procurement Regulations 6.

80 where the financial value of one or more responsive tenders received have a value equal to or above R50 million, inclusive of all applicable taxes.

Up to 100 minus  $W_1$  tender evaluation points will be awarded to tenderers who complete the preferencing schedule and who are found to be eligible for the preference claimed. **Should the BBBEE rating not be provided, tenderers with no verification will score zero points for preferencing.**

**Note:** Transnet reserves the right to carry out an independent audit of the tenderer's scorecard components at any stage from the date of close of the tenders until completion of the contract.

- C.3.13 Tender offers will only be accepted if:

1. The tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;
2. the tenderer does not appear on Transnet's list for restricted tenderers and National Treasury's list of Tender Defaulters;
3. the tenderer has fully and properly completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the Employer or potentially compromise the tender process and persons in the employ of the state.
4. Transnet reserves the right to award the tender to the tenderer who scores the highest number of points overall, unless there are **objective criteria** which will justify the award of the tender to another tenderer. Objective criteria include but are not limited to the outcome of a due diligence exercise to be conducted. The due diligence exercise may take the following factors into account inter alia;  
  
the tenderer:
  - a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
  - b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical

facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,

c) has the legal capacity to enter into the contract,

d) is not insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act, 2008, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,

e) complies with the legal requirements, if any, stated in the tender data and

f) is able, in the option of the employer to perform the contract free of conflicts of interest.

---

C.3.17      The number of paper copies of the signed contract to be provided by the Employer is 1 (one).

---

**STAATSKOERANT, 8 AUGUSTUS 2019**

**DEPARTMENT OF PUBLIC WORKS  
NOTICE 423 OF 2019**

**STANDARD FOR UNIFORMITY IN ENGINEERING AND CONSTRUCTION  
WORKS CONTRACTS  
AUGUST 2019**

## **Annex C**

### **Standard Conditions of Tender**

#### **C.1 General**

##### **C.1.1 Actions**

C.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in C.2 and C.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

C.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender Process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

*Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.*

*2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.*

C.1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

### C.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

### C.1.3 Interpretation

C.1.3.1 The tender data and additional requirements contained in the tender schedules that are Included in the returnable documents are deemed to be part of these conditions of tender.

C.1.3.2 These conditions of tender, the tender data and tender schedules which are required for Tender evaluation purposes, shall form part of any contract arising from the invitation to tender.

C.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

a) **conflict of interest** means any situation in which:

- i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her duties impartially;
- ii) an individual or tenderer is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
- iii) incompatibility or contradictory interests exist between an employee and the tenderer who employs that employee.

b) **comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;

c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;

d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels;

### C.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

### C.1.5 Cancellation and Re-Invitation of Tenders

C.1.5.1 An employer may, prior to the award of the tender, cancel a tender if

- a) due to changed circumstances, there is no longer a need for the engineering and construction works specified in the invitation;
- b) funds are no longer available to cover the total envisaged expenditure; or
- c) no acceptable tenders are received.
- d) there is a material irregularity in the tender process.

C.1.5.2 The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised

C.1.5.3 An employer may only with the prior approval of the relevant treasury cancel a tender Invitation for the second time.

## **C.1.6 Procurement procedures**

### **C.1.6.1 General**

Unless otherwise stated in the tender data, a contract will, subject to C.3.13, be concluded with the tenderer who in terms of C.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

### **C.1.6.2 Competitive negotiation procedure**

C.1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of C.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of C.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

C.1.6.2.2 All responsive tenderers or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the tender data shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information.

Notwithstanding the provisions of C.2.17, the employer may request that tenders be clarified, Specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted

weightings. Tenderers shall be advised when they are to submit their best and final offer.

C.1.6.2.4 The contract shall be awarded in accordance with the provisions of C.3.11 and C.3.13 after tenderers have been requested to submit their best and final offer.

### **C.1.6.3 Proposal procedure using the two stage-system**

#### **C.1.6.3.1 Option 1**

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

#### **C.1.6.3.2 Option 2**

C.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

C.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

### **C.2 Tenderer's obligations**

#### **C.2.1 Eligibility**

C.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.

C.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

#### **C.2.2 Cost of tendering**

C.2.2.1 Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with

requirements.

C.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

### **C.2.3 Check documents**

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

### **C.2.4 Confidentiality and copyright of documents**

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

### **C.2.5 Reference documents**

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

### **C.2.6 Acknowledge addenda**

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

### **C.2.7 Clarification meeting**

Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

### **C.2.8 Seek clarification**

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the tender data.

### **C.2.9 Insurance**

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

### **C.2.10 Pricing the tender offer**

C.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes

Except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable fourteen (14) days before the closing time stated in the tender data.

C.2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

C.2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

C.2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

### **C.2.11 Alterations to documents**

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

### **C.2.12 Alternative tender offers**

C.2.12.1 Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

C.2.12.2 Accept that an alternative tender offer must be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

C.2.12.3 An alternative tender offer must only be considered if the main tender offer is the winning tender.

### **C.2.13 Submitting a tender offer**

C.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

C.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-

erasable ink.

C.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number

Of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

C.2.13.4 Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer.

Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

C.2.13.5 Seal the original and each copy of the tender offer as separate packages marking the Packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

C.2.13.6 Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

C.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.

C.2.13.8 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

C.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

#### **C.2.14 Information and data to be completed in all respects**

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

#### **C.2.15 Closing time**

C.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

C.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended

**C.2.16 Tender offer validity**

C.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

C.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.

C.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).

C.2.16.4 Where a tender submission is to be substituted, a tenderer must submit a substitute tender in accordance with the requirements of C.2.13 with the packages clearly marked as "SUBSTITUTE".

**C.2.17 Clarification of tender offer after submission**

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

**Note:** *Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.*

**C.2.18 Provide other material**

C.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

C.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

**C.2.19 Inspections, tests and analysis**

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

**C.2.20 Submit securities, bonds and policies**

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

**C.2.21 Check final draft**

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

**C.2.22 Return of other tender documents**

If so instructed by the employer, return all retained tender documents within twenty-eight (28) days after the expiry of the validity period stated in the tender data.

**C.2.23 Certificates**

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

**C.3 The employer's undertakings****C.3.1 Respond to requests from the tenderer**

C.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up

To five (5) working days before the tender closing time stated in the Tender Data and notify all tenderers who collected tender documents.

C.3.1.2 Consider any request to make a material change in the capabilities or formation of the Tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or

- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

### **C.3.2 Issue Addenda**

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) working days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who collected tender documents.

### **C.3.3 Return late tender offers**

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

### **C.3.4 Opening of tender submissions**

C.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

C.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

C.3.4.3 Make available the record outlined in C.3.4.2 to all interested persons upon request.

### **C.3.5 Two-envelope system**

C.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

C.3.5.2 Evaluate functionality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the functionality evaluation more than the minimum number of points for functionality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any points claimed on BBBEE status level. Return unopened financial

proposals to tenderers whose technical proposals failed to achieve the minimum number of points for functionality.

### **C.3.6 Non-disclosure**

Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

### **C.3.7 Grounds for rejection and disqualification**

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

### **C.3.8 Test for responsiveness**

C.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

C.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified. Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

### **C.3.9 Arithmetical errors, omissions and discrepancies**

C.3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.

C.3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation

points after the evaluation of tender offers in accordance with C.3.11 for:

- a) the gross misplacement of the decimal point in any unit rate;
- b) omissions made in completing the pricing schedule or bills of quantities; or
- c) arithmetic errors in:
  - (i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
  - (ii) the summation of the prices.

C.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices.

C.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:

- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
- b) Where there is an error in the total of the prices either as a result of other corrections Required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

### **C.3.10 Clarification of a tender offer**

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

### **C.3.11 Evaluation of tender offers**

The Standard Conditions of Tender standardize the procurement processes, methods and procedures from the time that tenders are invited to the time that a contract is awarded. They are generic in nature and are made project specific through choices that are made in developing the Tender Data associated with a specific project. Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures.

**The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:**

**Requirement Qualitative interpretation of goal**

**Fair** The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.

**Equitable** Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.

**Transparent** The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.

**Competitive** The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.

**Cost effective** The processes, procedures and methods are standardized with sufficient flexibility to attain best value outcomes in respect of quality, timing and price, and least resources to effectively manage and control procurement processes.

**The activities associated with evaluating tender offers are as follows:**

- a) Open and record tender offers received
- b) Determine whether or not tender offers are complete
- c) Determine whether or not tender offers are responsive
- d) Evaluate tender offers
- e) Determine if there are any grounds for disqualification
- f) Determine acceptability of preferred tenderer
- g) Prepare a tender evaluation report
- h) Confirm the recommendation contained in the tender evaluation report

**C.3.11.1 General**

The employer must appoint an evaluation panel of not less than three persons conversant with the proposed scope of works to evaluate each responsive tender offer using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

**C.3.12 Insurance provided by the employer**

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

### **C.3.13 Acceptance of tender offer**

Accept the tender offer; if in the opinion of the employer, it does not present any risk and only if the tenderer:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement;
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract;
- c) has the legal capacity to enter into the contract;
- d) is not; insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing;
- e) complies with the legal requirements, if any, stated in the tender data; and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

### **C.3.14 Prepare contract documents**

C.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by

The employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents and
- c) other revisions agreed between the employer and the successful tenderer.

C.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

### **C.3.15 Complete adjudicator's contract**

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

### **C.3.16 Registration of the award**

An employer must, within twenty-one (21) working days from the date on which a contractor's offer to perform a construction works contract is accepted in writing by the employer, register and publish the award on the cidb Register of Projects.

### **C.3.17 Provide copies of the contracts**

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

### **C.3.18 Provide written reasons for actions taken**

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

## **Annex D**

### **Standard Conditions for the calling for Expressions of Interest**

#### **D.1 General**

##### **D.1.1 Actions**

D.1.1.1 The employer and each respondent submitting an expression of interest shall comply with these conditions for calling for expressions of interest. In their dealings with each other, they shall discharge their duties and obligations as set out in D.2 and D.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anti-competitive practices.

D.1.1.2 The employer and the respondent and all their agents and employees involved in the Submission process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Respondents shall declare any potential conflict of interest in their submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

*Note: 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.*

*2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.*

D.1.1.3 The respondent shall not make a submission without having a firm intention and the capacity to proceed with the next stage of the procurement process.

### **D.1.2 Supporting documents**

The documents issued by the employer for the purpose of obtaining expressions of interest are listed in the submission data.

### **D.1.3 Interpretation**

D.1.3.1 The submission data and additional requirements contained in the submission schedules that are included in the returnable documents are deemed to be part of these conditions for the calling for expressions of interest.

D.1.3.2 For the purposes of these conditions for the calling for expressions of interest, the following definitions apply:

a) **conflict of interest** means any situation in which:

- i. someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her duties impartially.
- ii. an individual or tenderer is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit.
- iii. incompatibility or contradictory interests exist between an employee and the tenderer who employs that employee.

c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process; and

d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels

### **D.1.4 Communication and employer's agent**

Each communication between the employer and a respondent shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the

## **D.2 Respondent's obligations**

### **D.2.1 Eligibility**

Submit an expression of interest only if the respondent complies with the criteria stated in the submission data and the respondent, or any of his/her principals, is not under any restriction to do business with the employer.

### **D.2.2 Cost of submissions**

Accept that the employer will not compensate the respondent for any costs incurred in the preparation and delivery of a submission.

### **D.2.3 Check documents**

Check the submission documents on receipt, including pages within them, and notify the employer of any discrepancy or omission.

### **D.2.4 Acknowledge addenda**

Acknowledge receipt of addenda to the submission documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the submission data, in order to take the addenda into account.

### **D.2.5 Clarification meeting**

Attend the clarification meeting(s) at which respondents may familiarize themselves with the proposed work, services or supply (and location, etc.) and raise questions. Details of the meeting(s) are stated in the submission data.

### **D.2.6 Seek clarification**

Request clarification of the submission documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the submission data.

**D.2.7 Making a submission**

D.2.7.1 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

D.2.7.2 Seal the original and each copy of the submission as separate packages marking the Packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the submission data, as well as the respondent's name and contact address.

D.2.7.3 Accept that the employer shall not assume any responsibility for the misplacement or premature opening of the submission if the outer package is not sealed and marked as stated.

**D.2.8 Information and data to be completed in all respects**

Accept that submissions, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

**D.2.9 Closing time**

Ensure that the employer receives the submissions at the address specified in the submission data not later than the closing time stated in the submission data. Proof of posting shall not be accepted as proof of delivery. The employer shall not accept submissions submitted by telegraph, telex, facsimile or e-mail, unless stated otherwise in the submission data. Accept that, if the employer extends the closing time stated in the submission data for any reason, the requirements of these conditions for expressions of interest apply equally to the extended deadline.

**D.2.10 Clarification of submission**

Provide clarification of a submission in response to a request to do so from the employer during the evaluation of submissions.

**D.3 Employer's undertakings****D.3.1 Respond to clarification**

Respond to a request for clarification received up to five (5) working days before the submission closing time stated in the submission data and notify all respondents who attended the clarification meetings, if any, of those responses.

**D.3.2 Issue Addenda**



If necessary, issue addenda that may amend or amplify the submission documents to each respondent during the period from the date of the calling for expressions of interest until seven (7) working days before the closing time for submissions stated in the submission data. If, as a result, a respondent applies for an extension to the closing time stated in the submission data, the employer may grant such extension and, shall then notify it to all respondents.

### **D.3.3 Late submissions**

Unless otherwise stated in the submission data, return submissions received after the closing time stated in the submission data, unopened, (unless it is necessary to open a submission to obtain a forwarding address), to the respondent concerned.

### **D.3.4 Opening of submissions**

D.3.4.1 Record the name of each respondent whose submission is opened and acknowledge receipt of each submission.

D.3.4.2 Make available the names of the respondents that made submissions prior to the closing time for submissions to all interested persons upon request.

### **D.3.5 Non-disclosure**

Not disclose to respondents, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of submissions until after the evaluation process is complete.

### **D.3.6 Grounds for rejection and disqualification**

Determine whether there has been any effort by a respondent to influence the processing of submissions and instantly disqualify a respondent if it is established that he/she engaged in corrupt or fraudulent practices.

### **D.3.7 Test for responsiveness**

Determine, on opening and before detailed evaluation, whether each submission received:

- a) meets the requirements of these conditions for the calling for expressions of interest;
- b) has all the substantive provisions properly and fully completed and signed, and
- c) is responsive to the other requirements of the call for expressions of interest.

### **D.3.8 Non-responsive submissions**

Reject all non-responsive submissions.

**D.3.9 Evaluation of responsive submissions**

D.3.9.1 Appoint an evaluation panel of not less than three persons. Evaluate submissions using the evaluation criteria established in the submission data.

D.3.9.2 Notify the respondents of the outcome of the evaluation process within two (2) weeks of the evaluation report being accepted by the employer.

**D.3.10 Provide written reasons for actions taken**

Provide upon request written reasons to respondents for any action that is taken in applying these conditions, but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of respondents or might prejudice fair competition between respondents.



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

## **T2.1 List of Returnable Documents**

### **2.1.1 These schedules are required for pre-qualification and eligibility purposes:**

**T2.2-01** Eligibility in terms of the Construction Industry Development Board: **5CE** or Higher

### **2.1.2 Returnable Schedules:**

**T2.2-02** Health and Safety Management

**T2.2-02a** Tender Safety, Environmental and Risk Objective Questionnaire

**T2.2-02b** Health and Safety Cost Breakdown

**T2.2-02c** Letter of Good Standing

**T2.2-03** Risk Elements

**T2.2-03a** Risk Management Plan

**T2.2-04** Environmental Management Plan

**T2.2-05** Job-Creation Schedule

**T2.2-06** Changes to tender document

**T2.2-07** Site Establishment requirements (N/A)

**T2.2-08** Proposed Sub-Contractors

**T2.2-09** Authority to submit tender Confirmation of machine/s ownership

**T2.2-10** Record of addenda to tender documents

**T2.2-11** Storage Capacity

**T2.2-12** Availability of Equipment and Other Resources

#### **Agreement and Commitment by Tenderer:**

**T2.2-13** Compulsory Enterprise Questionnaire

**T2.2-14** Supplier Code of Conduct

**T2.2-15** Unilateral Non-Disclosure Agreement

**T2.2-16** Supplier declaration form

**T2.2-17** RFQ Declaration Form

**T2.2-18** Certificate of Acquaintance with Tender Document Pact

**T2.2-19** Service Provider Integrity Pact

**T2.2-20** Request for Proposal – Breach of law

**T2.2-21** Confirmation of machine/s ownership

**T2.2-22** Agreement in terms of Protection of Personal Information Act, 4 of 2013 ("POPIA")

**T2.2-23** SBD1 (Tax Compliance Status)

**T2.2-24** Operational Risk

**T2.2-29** Schedule of Machines



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

### **1.3.2 Bonds/Guarantees/Financial/Insurance:**

- T2.2-25** Insurance provided by the Contractor
- T2.2-26** Form of Intent to provide a Performance Guarantee
- T2.2-27** Three (3) years audited financial statements
- T2.2-28** Price Adjustment for Inflation

## **2.2 C1.1 Offer portion of Form of Offer & Acceptance**

### **2.3 C1.2 Contract Data**

### **2.4 C1.3 Forms of Securities**

## **2.5 C2.1 Pricing Instructions (Option A)**

### **2.6 C2.2 Price List**

TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

---

## **Part T2.2: Returnable Schedules**

---

## T2.2-01: Eligibility Criteria Schedule - CIDB Grading Designation

### Note to tenderers:

Tenderers are to indicate their CIDB Grading by filling in the table below. **Attach a copy of the CIDB Grading Designation or evidence of being capable of being so registered.**

| CRS Number | Status | Grading | Expiry Date |
|------------|--------|---------|-------------|
|            |        |         |             |

1. Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a **5CE** class of construction work, are eligible to have their tenders evaluated.

### 2. Joint Venture (JV)

Joint ventures are eligible to submit tenders subject to the following:

- every member of the joint venture is registered with the CIDB;
- the lead partner has a contractor grading designation of not lower than one level below the required grading designation in the class of construction works under consideration and possesses the required recognition status; and the
- combined Contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a Contractor grading designation determined in accordance with the sum tendered for a 5CE or higher class of construction work or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations
- The tenderer shall provide a certified copy of its signed joint venture agreement

## T2.2-02: Health and Safety Plan

Submit the following documents as a minimum with your tender:

1. The Tenderers must provide their own project specific health and safety Plan.
2. Health and safety cost breakdown (Bill of Quantities)
3. Safety, Policy signed by the Chief Executive Officer, must include or cover the following five elements –
  - Commitment to Safety, prevention of pollution,
  - Continual improvement,
  - Compliance to legal requirements, appropriate to the nature of contractor's activities,
  - Hold management accountable for development of the safety systems
  - Include objectives and targets.
4. Table or outline the Roles & Responsibilities, such as S16.2 CEO, CR8.1 Construction manager, CR8.2 Assistant Construction manager, CR8.5 Safety officer, CR8.7 Construction Supervisor, CR8.8 Construction assistant supervisor, CR9.1 Risk Assessor, 17.1 SHE Reps, etc. as per the Occupational health and safety Act 85 of 1993
5. List of job categories for project and competencies required per category and develop a training Matrix for all employees who will be working on the project. This matrix must include Management and highlight training planned dates.
6. Overview of the project specific Baseline Risk Assessment (RA), indicating major activities of the project
7. **Three years** synopsis of SHE incidents, description, type and action taken to prevent re-occurrence.
8. Complete and return with tender documentation the Contractor Safety Questionnaire included as an Annexure B.

### Attached submissions to this schedule:

.....

.....

.....

.....

.....

.....

.....

## T2.2-02a: TENDER SAFETY, ENVIRONMENT AND RISK PRE-QUALIFICATION CRITERIA

|     | HEALTH AND SAFETY                                                                                                                                                                                                                                                                                                                                                                              |     |    |  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|
| 1.  | POLICY, ORGANISATION AND MANAGEMENT INVOLVEMENT                                                                                                                                                                                                                                                                                                                                                | YES | NO |  |
| 1.1 | Provide a copy of company SHE Policy?                                                                                                                                                                                                                                                                                                                                                          |     |    |  |
| 1.2 | Provide company organogram indicating all legal appointments that will be made if successful?                                                                                                                                                                                                                                                                                                  |     |    |  |
| 1.3 | Has the Contractor made provision for the cost for health and safety requirements for the contract/project in the tender price. Provide health and safety cost breakdown? <b>(Please note that this safety cost breakdown is required to illustrate to Transnet Freight Rail that safety costs have been factored into your tender price, and will not be paid for as a separate expense )</b> |     |    |  |
| 1.4 | Provide proof of registration and good standing with the Compensation Fund or licensed insurer as contemplated in Compensation for Occupational Injuries and Diseases Act (COIDA)                                                                                                                                                                                                              |     |    |  |
| 2.  | TRAINING                                                                                                                                                                                                                                                                                                                                                                                       | YES | NO |  |
| 2.1 | Provide proof of health and safety related training provided such as training analysis, Certificates, Job Specific Training or Induction Training program?                                                                                                                                                                                                                                     |     |    |  |
| 3.  | Health and Safety Plan                                                                                                                                                                                                                                                                                                                                                                         | YES | NO |  |
| 3.1 | Provide a health and safety plan .                                                                                                                                                                                                                                                                                                                                                             |     |    |  |
| 3.2 | Does the health and safety plan contain the following?                                                                                                                                                                                                                                                                                                                                         |     |    |  |
|     | <ul style="list-style-type: none"> <li>Define health and safety responsibilities for different levels of employees i.e management, supervisors, employees</li> </ul>                                                                                                                                                                                                                           |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how health and safety risks and hazards for the contract/project will be identified and mitigated?</li> </ul>                                                                                                                                                                                                                                  |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how Safe Working Procedures (SWP/SOP) will be developed and how employees will be trained on such SWP's?</li> </ul>                                                                                                                                                                                                                            |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how health and safety training will be conducted?</li> </ul>                                                                                                                                                                                                                                                                                   |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how inspections and audits will be conducted?</li> </ul>                                                                                                                                                                                                                                                                                       |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how health and safety communication will be conducted i.e daily safety talks, toolbox talks, incident recalls, safety performance etc</li> </ul>                                                                                                                                                                                               |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how health and safety representatives will be appointed and health and safety committees where applicable?</li> </ul>                                                                                                                                                                                                                          |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how occurrences/incidents will be recorded, reported and investigated?</li> </ul>                                                                                                                                                                                                                                                              |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how Personal Protective Equipment (PPE) will be selected, approved and training of employees on their use?</li> </ul>                                                                                                                                                                                                                          |     |    |  |
|     | <ul style="list-style-type: none"> <li>Document how emergency plans will be developed and training of employees on such plans?</li> </ul>                                                                                                                                                                                                                                                      |     |    |  |

|                                                                               |                                                                                                                                                                                                                                                 |            |           |  |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|--|
|                                                                               | <ul style="list-style-type: none"> <li>Fatigue management and Fit for duty processes i.e substance abuse testing and how to deal with positive results, fatigue management addressed?</li> </ul>                                                |            |           |  |
|                                                                               | <ul style="list-style-type: none"> <li>Provision of first aid measures?</li> </ul>                                                                                                                                                              |            |           |  |
|                                                                               | <ul style="list-style-type: none"> <li>Medical testing of all employees by Occupational Health Practitioner?</li> </ul>                                                                                                                         |            |           |  |
|                                                                               | <ul style="list-style-type: none"> <li>Measures to be put in place for security of employees and safeguarding of equipment?</li> </ul>                                                                                                          |            |           |  |
|                                                                               | <ul style="list-style-type: none"> <li>COVID-19 measures</li> </ul>                                                                                                                                                                             |            |           |  |
|                                                                               | <ul style="list-style-type: none"> <li>Provision of welfare facilities?</li> </ul>                                                                                                                                                              |            |           |  |
| <b>4.</b>                                                                     | <b>SELECTION, PROCUREMENT AND MANAGEMENT OF SUBCONTRACTORS</b>                                                                                                                                                                                  | <b>YES</b> | <b>NO</b> |  |
| 4.1                                                                           | Will some of the work be subcontracted? If yes, provide:                                                                                                                                                                                        |            |           |  |
|                                                                               | <ul style="list-style-type: none"> <li>Procedure showing how subcontractors will be assessed to ensure that they are capable of performing the work safely and how they will be managed to ensure compliance to safety requirements?</li> </ul> |            |           |  |
| <b>5.</b>                                                                     | <b>FALL PROTECTION (Applicable where work will be performed at fall risk position)</b>                                                                                                                                                          | <b>YES</b> | <b>NO</b> |  |
| 5.1                                                                           | Will there be any work conducted from a fall risk position? If yes                                                                                                                                                                              |            |           |  |
|                                                                               | <ul style="list-style-type: none"> <li>Provide a fall protection plan to demonstrate that all work at fall risk position will be undertaken under competent supervision, carried out by employees who are trained and medically fit?</li> </ul> |            |           |  |
|                                                                               | <ul style="list-style-type: none"> <li>Does your fall protection plan include rescue plan, risk assessment, inspection, testing and maintenance of fall protection equipment?</li> </ul>                                                        |            |           |  |
| <b>Name of Transnet Contract Manager/Designated Transnet Person (Safety):</b> |                                                                                                                                                                                                                                                 |            |           |  |
| <b>Signature of Transnet Contract Manager/Designated Transnet Person :</b>    |                                                                                                                                                                                                                                                 |            |           |  |
| <b>Signature of Transnet Contract Manager/Designated Transnet Person :</b>    |                                                                                                                                                                                                                                                 |            |           |  |
| <b>Date of Receipt of Documentation:</b>                                      |                                                                                                                                                                                                                                                 |            |           |  |
| <b>Comments:</b>                                                              |                                                                                                                                                                                                                                                 |            |           |  |
| <b>Date of Endorsement of Documentation:</b>                                  |                                                                                                                                                                                                                                                 |            |           |  |



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

## T2.2-02b Health and Safety Cost Breakdown

NB: This Safety Cost breakdown is required to illustrate to Transnet that safety costs have been factored into your tender price and will not be paid for as a separate expense.

| Tenderer (Company)                                                                                                   | Responsible Person             | Designation                    | Date |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|------|
|                                                                                                                      |                                |                                |      |
| Project/Tender Title                                                                                                 | Project/Tender No.             | Project Location / Description |      |
| MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINE COUNTRYWIDE FOR A PERIOD OF TWELVE (12) MONTHS | SIC21020CIDB/<br>HOAC-HO-37028 | COUNTRYWIDE                    |      |

| #   | Cost element                              | Unit Cost (R)                               | # of Units | Total Cost (R) |
|-----|-------------------------------------------|---------------------------------------------|------------|----------------|
| 1.  | Human Resources                           |                                             |            |                |
| 2.  | Systems Documentation                     |                                             |            |                |
| 3.  | Meetings & Administration                 |                                             |            |                |
| 4.  | H&S Training                              |                                             |            |                |
| 5.  | PPE & Safety Equipment                    |                                             |            |                |
| 6.  | Signage & Barricading                     |                                             |            |                |
| 7.  | Workplace Facilities                      |                                             |            |                |
| 8.  | Emergency & Rescue Measures               |                                             |            |                |
| 9.  | Hygiene Surveys & Monitoring              |                                             |            |                |
| 10. | Medical Surveillance                      |                                             |            |                |
| 11. | Safe Transport of Workers                 |                                             |            |                |
| 12. | HazMat Management (e.g. asbestos /silica) |                                             |            |                |
| 13. | Substance Abuse Testing (3 kits @R500 pm) |                                             |            |                |
| 14. | H&S Reward & Recognition                  |                                             |            |                |
| 15. | Other                                     |                                             |            |                |
|     |                                           | <b>Total Health and Safety Estimate (R)</b> |            |                |
|     |                                           | <b>Total Estimate Value (R)</b>             |            |                |
|     |                                           | <b>H&amp;S Cost as % of Tender value</b>    |            |                |

## T2.2-02c Letter/s of Good Standing with the Workmen's compensation Fund

Attached to this schedule is the Letter/s of Good Standing.

- 1.
- 2.
- 3.
- 4.

Name of Company/Members of Joint Venture:

|       |
|-------|
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |

## T2.2-03: Assessment Schedule: Risk Management

Tenderers to identify and evaluate the potential risk elements associated with the Works and possible mitigation thereof. The risk elements and the mitigation as identified thereof by the Tenderer are to be submitted.

If No Risks are identified "No Risks" must be stated on this schedule.

Tenderers are also to evaluate any risk/s stated by the Employer in Contract Data Part C1 and provide possible mitigation thereof.

|  |
|--|
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

|          |          |
|----------|----------|
| Signed   | Date     |
| _____    | _____    |
| Name     | Position |
| _____    | _____    |
| Tenderer |          |
| _____    |          |

**T2.2-03a: Tenderer's Risk Management Plan will be as follows:****Assessment of Tender: Risk Management plans****COMPANY NAME:**

**TENDER DESCRIPTION:** MAINTENANCE OF RAILWAY TRACK WITH BALLAST REGULATING MACHINE: COUNTRYWIDE FOR A PERIOD OF 84 MONTHS

**1. Business continuity plan**

**Business Continuity Management:** The objective is to ensure continuity of the service provision to TFR in case on any interruptions which may arise from the tenderer's site aligned to applicable standards

**The following criteria to be included:**

- Emergency operating procedures
- Business Continuity invocation action
- Project recovery resources
- Business / Supplier Contact list
- Emergency Contact

Business Continuity plan contains Emergency Operating Procedures, Business continuity invocation action, Project recovery resources , Business / Supplier contact list Emergency contacts

Business Continuity plan contains 5 of the 5 required criteria

Business Continuity plan contains 4 of the 5 required criteria

Business Continuity plan contains 3 of the 5 required criteria

Business Continuity plan contains 2 of the 5 required criteria

Business Continuity plan contains 1 of the 5 required criteria

No business continuity plan submitted

**2. Business Impact Analysis****Scoring Criteria**

- Identification of critical processes within the project
- Recovery Time Objective in case of any interruption that may arise
- Recovery Strategy: how will the supplier recover
- Operational dependencies eg: Operational equipments, telephones etc. needed to ensure continuity
- Alternative supply of equipment and/ or supply of extra staff
- Battle box (It comprises of all necessary documentation, equipments required for continuity)

Business Impact Analysis contains Identification of critical processes within the project, Recovery Time Objective, Recovery Strategy, Operational dependencies, Alternative supply of equipment and/or supply of extra staff, Battle box.

Business Impact Analysis contains 5 of the 5required criteria

Business Impact Analysis contains 4 of the 5required criteria

Business Impact Analysis contains 3 of the 5 required criteria

Business Impact Analysis contains 2 of the 5 required criteria

Business Impact Analysis contains 1 of the 5 required criteria

No business plan submitted



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

| 3. Risk Assessment for the project / Operational Risks: The identified Risks should be based on the scope of works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Score Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>- Identification of risks of service interruption during the project</li> <li>- Risk Analysis methodology</li> <li>- Ranking of the Risks</li> <li>- Mitigation of the identified risks</li> <li>- Responsible person</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>Risk Register contains Identification of risks of service interruption during the project ,Risk Analysis methodology, Ranking of the Risks, Mitigation of the identified risks and Responsible person</p> <p>Risk Register contains 5 to 5 required criteria</p> <p>Risk Register contains 4 to 5 required criteria</p> <p>Risk Register contains 3 of the 5 required criteria</p> <p>Risk Register contains 2 of the 5 required criteria</p> <p>Risk Register contains 1 of the 5 required criteria</p> <p>No Risk Register submitted \ Risks identified are not relevant to the project</p> |
| <b>Marks obtained</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Total Marks</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Assessment criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <ol style="list-style-type: none"> <li>1. Be fair and objective in your assessment.</li> <li>2. Complete the assessment document in full and use comments row to motivate your marks where necessary.</li> <li>3. The document should be completed in a neat and tidy manner due to the fact that it will become an official document.</li> <li>4. Be transparent and share your observations with the company representative (applicable where site visit was conducted to verify information supplied) and assessment team.</li> <li>5. No copies of the completed assessment document must be provided to the company representative.</li> <li>6. On completion of the assessment the marks obtained and end result of the assessment needs to be discussed with the contractor.</li> <li>7. After the tender award the tenderers representative may be advised of their shortcomings in terms of their SHE submission.</li> </ol> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Name of Evaluator/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## T2.2-04: Assessment Schedule: Environmental Management Plan

The tenderer must provide an environmental management plan describing:-

- Key environmental impacts and aspects associated with the proposed project.
- Possible mitigation measures associated with identified impacts and aspects.
- Key roles and responsibilities for both the Tender's project team and Transnet with regards to the project.
- Monitoring techniques and reporting of both accidents and incidents.
- Details of induction and other forms of training (if any).

The following documents are key -

1.0 Transnet SOC Limited – Integrated Management Systems (IMS) Policy,

1.1 By signing this Tender Schedule, the tenderer confirms that they will comply with the above policy statement and environmental commitments therein.

1.2 Tender to provide a signed declaration of understanding as part of the returnable acknowledging understanding thereof and the budget provision for the implementation of environmental management requirements.

By signing this Tender Schedule, the tenderer confirms that they will **comply** with the above requirements and in particular Transnet Freight Rail IMS policy statement and environmental commitments therein.

The scoring of the Tenderer's Environmental Management Plan will be as follows:

| Key Environmental Impacts and Possible Mitigation Measures (60%) |                                                                                                                                                                 |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Score 0)                                                        | The EMP is <b>not submitted</b> by the bidder.                                                                                                                  |
| (Score 20)                                                       | Poorly written EMP with <b>zero/no key</b> impacts and mitigation measures specific to the project                                                              |
| (Score 40)                                                       | EMP contains <b>1-3</b> key impacts and mitigation measures specific to the project.                                                                            |
| (Score 60)                                                       | EMP contains <b>4-6</b> key impacts and mitigation measures specific to the project.                                                                            |
| (Score 80)                                                       | EMP contains <b>7-9</b> key reasonable and relevant impacts and mitigation measures specific to the project.                                                    |
| (Score 100)                                                      | EMP contains <b>10 and more</b> key reasonable and relevant impacts and mitigation measures specific to the project, which meet and exceed tender requirements. |



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

| Key Roles and Responsibilities (20%) |                                                                                                                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Score 0)                            | The EMP is <b>not submitted</b> by the bidder.                                                                                                                                         |
| (Score 20)                           | Poorly written EMP with <b>zero/no key</b> roles and responsibilities specific to the project.                                                                                         |
| (Score 40)                           | EMP <b>contains 1-3 key</b> reasonable and relevant roles and responsibilities specific to the project.                                                                                |
| (Score 60)                           | EMP contains <b>4-6 key</b> reasonable and relevant roles and responsibilities specific to the project.                                                                                |
| (Score 80)                           | EMP contains <b>7-9 key</b> reasonable and relevant key reasonable and relevant roles and responsibilities specific to the project.                                                    |
| (Score 100)                          | EMP contains <b>10 and more key</b> reasonable and relevant key reasonable and relevant roles and responsibilities specific to the project, which meet and exceed tender expectations. |

| Environmental Monitoring, Training and Reporting (20%) |                                                                                                                                                                             |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Score 0)                                              | The EMP is <b>not submitted</b> by the bidder.                                                                                                                              |
| (Score 20)                                             | Poorly written EMP with <b>zero/no</b> monitoring techniques, no training and no form of reporting.                                                                         |
| (Score 40)                                             | Tenderer did not demonstrate understanding of the project scope and provided irrelevant <b>information</b> on monitoring techniques, training methods and types of reports. |
| (Score 60)                                             | Tenderer understood the project scope, but provided relevant but less detailed information on monitoring techniques, training methods and types of reports.                 |
| (Score 80)                                             | Tenderer understood the project scope and identified relevant monitoring techniques, relevant training methods and relevant reports.                                        |
| (Score 100)                                            | Tenderer understood the project scope and addresses all critical aspects with regards to monitoring, training and reporting which meets and exceeds tender requirements.    |

TRANSNET FREIGHT RAIL  
 ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)  
 DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING  
 MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

**Attached submissions to this schedule:**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

|          |       |          |       |
|----------|-------|----------|-------|
| Signed   | ..... | Date     | ..... |
| Name     | ..... | Position | ..... |
| Tenderer | ..... |          |       |

## T2.2-05: JOB-CREATION SCHEDULE

The Government has identified State Owned Enterprises sourcing activities as a key enabler to achieve the National Development Plan (NDP) objective of reducing unemployment from the current baseline of 28% to 6%.

In order to give effect to these job creation objectives, Tenderers are required to provide the following undertaking of new jobs that will be created (either by them or by their subcontractors) should they be awarded this tender.

**Tenderers to note, that if successful, any deviations from the Job creation Schedule in the contract phase will be subject to acceptance by the *Project Manager* in terms of the Conditions of Contract. Please also note the applicable Z clauses in Contract Data by *Employer*.**

- (a) Please indicate total number of new jobs that will be created over the term of the contract:

| Total number and value of new jobs created | Total number of new jobs | Total rand value of new jobs created |
|--------------------------------------------|--------------------------|--------------------------------------|
|                                            |                          |                                      |

- (b) Of the total number of new jobs created, please indicate the number and value of new jobs to be created for the following designated groups:

|                                                                   | Total number of new jobs | Total rand value of new jobs |
|-------------------------------------------------------------------|--------------------------|------------------------------|
| Black men                                                         |                          |                              |
| Black women                                                       |                          |                              |
| Black Youth                                                       |                          |                              |
| Black people living in rural or underdeveloped areas or townships |                          |                              |
| Black People with Disabilities                                    |                          |                              |

- (c) Of the total number of new jobs created, please indicate the number of skilled, semi-skilled and unskilled new jobs that will be created over the term of the contract:

|                                                                   | Total number of Skilled jobs | Total number of Semi-skilled jobs | Total number of Unskilled jobs |
|-------------------------------------------------------------------|------------------------------|-----------------------------------|--------------------------------|
| Black men                                                         |                              |                                   |                                |
| Black women                                                       |                              |                                   |                                |
| Black Youth                                                       |                              |                                   |                                |
| Black people living in rural or underdeveloped areas or townships |                              |                                   |                                |

|                                |  |  |  |
|--------------------------------|--|--|--|
| Black People with Disabilities |  |  |  |
| Other                          |  |  |  |

(d) Please indicate the number of new jobs to be created, broken down per quarter over the term of the contract (7 years). Bidders to Please attach the same document for Year 2 to Year 7

| <b>Year 1</b>                                                                            | <b>Q1</b> | <b>Q2</b> | <b>Q3</b> | <b>Q4</b> |
|------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|
| Total number of new jobs                                                                 |           |           |           |           |
| Number of new jobs for Black men                                                         |           |           |           |           |
| Number of new jobs for black women                                                       |           |           |           |           |
| Number of new jobs for black youth                                                       |           |           |           |           |
| Number of new jobs for black people living in rural or underdeveloped areas or townships |           |           |           |           |
| Number of new jobs for black People with Disabilities                                    |           |           |           |           |
| Number of new jobs for other categories                                                  |           |           |           |           |
| Number of new skilled jobs                                                               |           |           |           |           |
| Number of new semi-skilled jobs                                                          |           |           |           |           |
| Number of new unskilled jobs                                                             |           |           |           |           |

## T2.2-06: Changes to Tender Document

**Changes to the tender documents are only allowed if a main tender complying fully with the tender documents has also been provided.**

**Do not return this schedule if no alternative tender is submitted.**

The Conditions of Tender state that the tenderer may:

- C.2.12.1** Submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. The alternative tender offer is to be submitted with the main tender offer together with a schedule that compares the requirements of the tender documents with the alternative requirements the tenderer proposes.
- C.2.12.2** Accept that an alternative tender offer may be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

Having examined the criteria stated in the Tender Data for this tender the proposed changes to the tender documents are:

| Document No. | Subject of the proposed change | Propose to change to: |
|--------------|--------------------------------|-----------------------|
|              |                                |                       |
|              |                                |                       |
|              |                                |                       |

Signed \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Position \_\_\_\_\_

Tenderer \_\_\_\_\_

Tenderers to indicate their Site establishment area requirements:

[illegible]

Date \_\_\_\_\_

## Position

Position

## T2.2-08: Proposed Sub-Contractors:

Tenderer to note that if successful, any deviations from the list of proposed sub-contractors in the contract phase will be subject to acceptance by the *Service Manager* in terms of the Conditions of Contract. Please also note the applicable Z clauses in Contract Data by *Employer*.

Provide detailed information of the proposed Sub-contractors below:

|    | <b>Name of proposed Sub-contractor</b> | <b>Proposed Sub-contractor National Treasury Central Supplier Database Registration Number Address and Region</b> | <b>Nature and extent of work</b> | <b>B-BBEEE Certificates or Sworn Affidavit attached behind this schedule? Yes/No</b> | <b>Percentage (%) of the sub-contracted works in terms of the tendered total of the prices.</b> |
|----|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1. |                                        |                                                                                                                   |                                  |                                                                                      |                                                                                                 |
| 2. |                                        |                                                                                                                   |                                  |                                                                                      |                                                                                                 |
| 3. |                                        |                                                                                                                   |                                  |                                                                                      |                                                                                                 |
| 4. |                                        |                                                                                                                   |                                  |                                                                                      |                                                                                                 |
| 5. |                                        |                                                                                                                   |                                  |                                                                                      |                                                                                                 |
| 6. |                                        |                                                                                                                   |                                  |                                                                                      |                                                                                                 |

## T2.2-09: Authority to submit a Tender

Indicate the status of the tenderer by ticking the appropriate box hereunder. The tenderer must complete the certificate set out below for his category of organisation or alternatively attach a certified copy of a company / organisation document which provides the same information for the relevant category as requested here.

| A - COMPANY | B - PARTNERSHIP | C - JOINT VENTURE | D - SOLE PROPRIETOR |
|-------------|-----------------|-------------------|---------------------|
|             |                 |                   |                     |

### A. Certificate for Company

I, \_\_\_\_\_ chairperson of the board of directors \_\_\_\_\_  
 \_\_\_\_\_, hereby confirm that by resolution of the board taken on \_\_\_\_\_  
 \_\_\_\_\_ (date), Mr/Ms \_\_\_\_\_, acting in the capacity of \_\_\_\_\_  
 \_\_\_\_\_, was authorised to sign all documents in connection with this tender  
 offer and any contract resulting from it on behalf of the company.

Signed

Date

Name

Position

Chairman of the Board of Directors

## B. Certificate for Partnership

We, the undersigned, being the **key partners** in the business trading as \_\_\_\_\_  
 \_\_\_\_\_ hereby authorise Mr/Ms \_\_\_\_\_ acting in the  
 capacity of \_\_\_\_\_, to sign all documents in connection with the tender  
 offer for Contract \_\_\_\_\_ and any contract resulting from it on our behalf.

| Name | Address | Signature | Date |
|------|---------|-----------|------|
|      |         |           |      |
|      |         |           |      |
|      |         |           |      |
|      |         |           |      |

**NOTE:** This certificate is to be completed and signed by the full number of Partners necessary to commit the Partnership. Attach additional pages if more space is required.

### C. Certificate for Joint Venture

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms

\_\_\_\_\_, an authorised signatory of the company \_\_\_\_\_

\_\_\_\_\_, acting in the capacity of lead partner, to sign all documents in connection with the tender offer for Contract \_\_\_\_\_ and any contract resulting from it on our behalf.

This authorisation is evidenced by the attached power of attorney signed by legally authorised signatories of all the partners to the Joint Venture.

Furthermore we attach to this Schedule a copy of the joint venture agreement which incorporates a statement that all partners are liable jointly and severally for the execution of the contract and that the lead partner is authorised to incur liabilities, receive instructions and payments and be responsible for the entire execution of the contract for and on behalf of any and all the partners.

| Name of firm | Address | Authorising signature, name (in caps) and capacity |
|--------------|---------|----------------------------------------------------|
|              |         |                                                    |
|              |         |                                                    |
|              |         |                                                    |
|              |         |                                                    |

TRANSNET FREIGHT RAIL  
 ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)  
 DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING  
 MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

**D. Certificate for Sole Proprietor**

I, \_\_\_\_\_, hereby confirm that I am the sole owner of the business  
 trading as \_\_\_\_\_.

Signed

Date

Name

Position

Sole Proprietor

## T2.2-10: Record of Addenda to Tender Documents

This schedule as submitted confirms that the following communications received from the *Employer* before the submission of this tender offer, amending the tender documents, have been taken into account in this specific tender offer:

|   | Date | Title or Details |
|---|------|------------------|
| 1 |      |                  |
| 2 |      |                  |
| 3 |      |                  |
| 4 |      |                  |
| 5 |      |                  |
| 6 |      |                  |
| 7 |      |                  |
| 8 |      |                  |
| 9 |      |                  |

Attach additional pages if more space is required.

Signed \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Position \_\_\_\_\_

Tenderer \_\_\_\_\_

## T2.2-11: Storage Capacity

### Note to tenderers:

The Tenderer is required to demonstrate to the Purchaser that he has sufficient current and/or future storage capacity to accommodate Transnet Limited's requirements as detailed in the Pricing Data and Goods Information, (Proof of Ownership or Rental/Lease Agreement of premises)

#### Index of documentation attached to this schedule:

|       |
|-------|
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |
| ..... |

|        |       |      |       |
|--------|-------|------|-------|
| Signed | ..... | Date | ..... |
|--------|-------|------|-------|

|      |       |          |       |
|------|-------|----------|-------|
| Name | ..... | Position | ..... |
|------|-------|----------|-------|

|          |       |
|----------|-------|
| Tenderer | ..... |
|----------|-------|

The Tenderer to submit a list of all Equipment and other resources that will be used to execute the *services* as described in the Service Information.

[illegible]

Signed \_\_\_\_\_ Date \_\_\_\_\_

| Name | Position |
|------|----------|
|------|----------|

Tenderer



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

## T2.2-13: Compulsory Enterprise Questionnaire

The following particulars hereunder must be furnished.

In the case of a Joint Venture, separate enterprise questionnaires in respect of each partner/member must be completed and submitted.

**Section 1: Name of enterprise:** \_\_\_\_\_

**Section 2: VAT registration number, if any:** \_\_\_\_\_

**Section 3: CIDB registration number, if any:** \_\_\_\_\_

**Section 4: CSD number:** \_\_\_\_\_

**Section 5: Particulars of sole proprietors and partners in partnerships**

| Name | Identity number | Personal income tax number |
|------|-----------------|----------------------------|
|      |                 |                            |
|      |                 |                            |
|      |                 |                            |

\* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

**Section 6: Particulars of companies and close corporations**

Company registration number \_\_\_\_\_

Close corporation number \_\_\_\_\_

Tax reference number: \_\_\_\_\_

**Section 7: The attached SBD4 must be completed for each tender and be attached as a tender requirement.**

**Section 8: The attached SBD8 must be completed for each tender and be attached as a requirement.**

**Section 9: The attached SBD9 must be completed for each tender and be attached as a requirement.**

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise:

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- v) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

|                 |          |
|-----------------|----------|
| Signed          | Date     |
| Name            | Position |
| Enterprise name |          |

## **DECLARATION OF INTEREST**

1. Any legal person, including persons employed by the state<sup>1</sup>, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/ adjudicating authority where-

- the bidder is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

---

<sup>1</sup>"State" means –

- a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999); any municipality or municipal entity;
- b) provincial legislature;
- c) national Assembly or the national Council of provinces; or
- d) Parliament.



## SBD 4

### 2. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

2.1 Full Name of bidder or his or her representative: \_\_\_\_\_  
 \_\_\_\_\_

2.2 Identity Number: \_\_\_\_\_

2.3 Position occupied in the Company (director, trustee, shareholder<sup>2</sup>): \_\_\_\_\_  
 \_\_\_\_\_

2.4 Company Registration Number: \_\_\_\_\_

2.5 Tax Reference Number: \_\_\_\_\_

2.6 VAT Registration Number: \_\_\_\_\_

2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / personnel numbers must be indicated in paragraph 3 below.

2.7 Are you or any person connected with the bidder presently employed by the state?

**YES / NO**

2.7.1 If so, furnish the following particulars:

- Name of person / director / trustee / shareholder/ member:  
 \_\_\_\_\_
- Name of state institution at which you or the person connected to the bidder is employed:  
 \_\_\_\_\_
- Position occupied in the state institution:  
 \_\_\_\_\_

Any other particulars:  
 \_\_\_\_\_  
 \_\_\_\_\_

<sup>2</sup> "Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.



#### SBD 4

2.7.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?

**YES / NO**

2.7.3 If yes, did you attached proof of such authority to the bid document?

**YES / NO**

Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.3.1 If no, furnish reasons for non-submission of such proof:

---



---



---

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?

**YES / NO**

2.8.1 If so, furnish particulars:

---



---



---

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?

**YES / NO**

2.8.2 If so, furnish particulars.



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

---



---



---

#### **SBD 4**

2.9 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid?

**YES/NO**

2.9.1 If so, furnish particulars.

---



---



---

2.10 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?

**YES/NO**

2.10.1 If so, furnish particulars:

---



---



---



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

**SBD 4****3 Full details of directors / trustees / members / shareholders.**

| <b>Full Name</b> | <b>Identity Number</b> | <b>Personal Tax<br/>Reference Number</b> | <b>State Employee<br/>Number / Persal<br/>Number</b> |
|------------------|------------------------|------------------------------------------|------------------------------------------------------|
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |
|                  |                        |                                          |                                                      |

## SBD 4

### 4 DECLARATION

I, THE UNDERSIGNED (NAME) \_\_\_\_\_ CERTIFY THAT  
THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF  
PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION  
PROVE TO BE FALSE.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Position

\_\_\_\_\_  
Name of bidder

## SBD 6.1

### PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim for preference points for Broad-Based Black Economic Empowerment [B-BBEE] Status Level of Contribution.

Transnet will award preference points to companies who provide valid proof of their B-BBEE status using either the latest version of the generic Codes of Good Practice or Sector Specific Codes (if applicable).

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

#### 1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 The value of this bid is estimated to be below R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable. Despite the stipulated preference point system, Transnet shall use the lowest acceptable bid to determine the applicable preference point system in a situation where all received acceptable bids are received outside the stated preference point system.

1.3 Preference points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contribution.

1.4 The maximum points for this bid are allocated as follows:

|                                                          | POINTS     |
|----------------------------------------------------------|------------|
| <b>PRICE</b>                                             | <b>80</b>  |
| <b>B-BBEE STATUS LEVEL OF CONTRIBUTION</b>               | <b>20</b>  |
| <b>Total points for Price and B-BBEE must not exceed</b> | <b>100</b> |

1.5 Failure on the part of a bidder to submit proof of B-BBEE status level of contributor together with the bid will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.



- 1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

## 2. DEFINITIONS

- (a) "all applicable taxes" **includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;**
- (b) "B-BBEE" **means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;**
- (c) "B-BBEE status level of contributor" **means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;**
- (d) "bid" **means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the supply/provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;**
- (e) "Broad-Based Black Economic Empowerment Act" **means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);**
- (f) "EME" **means an Exempted Micro Enterprise as defines by Codes of Good Practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);**
- (g) "functionality" **means the ability of a bidder to provide goods or services in accordance with specification as set out in the bid documents**
- (h) "Price" **includes all applicable taxes less all unconditional discounts.**
- (i) "Proof of B-BBEE Status Level of Contributor"
  - (i) the B-BBBEE status level certificate issued by an authorised body or person;**
  - (ii) a sworn affidavit as prescribed by the B-BBEE Codes of Good Practice; or**
  - (iii) any other requirement prescribed in terms of the B-BBEE Act.**
- (j) "QSE" **means a Qualifying Small EEnterprise as defines by Codes of Good Practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 ( Act No. 53 of 2003);**
- (k) "rand value" **means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties.**

### 3. POINTS AWARDED FOR PRICE

#### 3.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:  
 80/20

$$P_s = 80 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

$P_s$  = Points scored for comparative price of bid under consideration  
 $P_t$  = Comparative price of bid under consideration  
 $P_{\min}$  = Comparative price of lowest acceptable bid

### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

| B-BBEE Status Level of Contributor | Number of points (80/20 system) |
|------------------------------------|---------------------------------|
| 1                                  | 20                              |
| 2                                  | 18                              |
| 3                                  | 14                              |
| 4                                  | 12                              |
| 5                                  | 8                               |
| 6                                  | 6                               |
| 7                                  | 4                               |
| 8                                  | 2                               |
| Non-compliant contributor          | 0                               |

4.2 The table below indicates the required proof of B-BBEE status depending on the category of enterprises:

| Enterprise | B-BBEE Certificate & Sworn Affidavit                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Large      | Certificate issued by SANAS accredited verification agency                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| QSE        | Certificate issued by SANAS accredited verification agency<br>Sworn Affidavit signed by the authorised QSE representative and attested by a Commissioner of Oaths confirming annual turnover and black ownership (only black-owned QSEs - 51% to 100% Black owned)<br>[Sworn affidavits must substantially comply with the format that can be obtained on the DTI's website at <a href="http://www.dti.gov.za/economic_empowerment/bee_codes.jsp">www.dti.gov.za/economic_empowerment/bee_codes.jsp</a> .] |



|                        |                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EME<sup>3</sup></b> | Sworn Affidavit signed by the authorised EME representative and attested by a Commissioner of Oaths confirming annual turnover and black ownership<br>Certificate issued by CIPC (formerly CIPRO) confirming annual turnover and black ownership<br>Certificate issued by SANAS accredited verification agency only if the EME is being measured on the QSE scorecard |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- 4.3 A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Status Level verification certificate for every separate bid.
- 4.4 Tertiary Institutions and Public Entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.
- 4.5 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- 4.6 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.
- 4.7 Bidders are to note that the rules pertaining to B-BBEE verification and other B-BBEE requirements may be changed from time to time by regulatory bodies such as National Treasury or the DTI. It is the Bidder's responsibility to ensure that his/her bid complies fully with all B-BBEE requirements at the time of the submission of the bid.

## 5. BID DECLARATION

- 5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

### 6. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 6.1

- 6.1 B-BBEE Status Level of Contribution: = .....(maximum of **20** points)

(Points claimed in respect of paragraph 6.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.)

## 7. SUB-CONTRACTING

- 7.1 Will any portion of the contract be sub-contracted?

**(Tick applicable box)**

|     |  |    |  |
|-----|--|----|--|
| YES |  | NO |  |
|-----|--|----|--|

<sup>3</sup> In terms of the Implementation Guide: Preferential Procurement Regulations, 2017, Version 2, paragraph 11.11 provides that in the Transport Sector, EMEs can provide a letter from accounting officer or get verified and be issued with a B-BBEE certificate by SANAS accredited professional or agency as the Transport Sector Code has not been aligned to the generic Codes. EMEs in the Transport Sector are not allowed to provide a Sworn Affidavit as the generic codes are not applicable to them.

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE.

**(Tick applicable box)**

|     |  |    |  |
|-----|--|----|--|
| YES |  | NO |  |
|-----|--|----|--|

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

| Designated Group: An EME or QSE which is at last 51% owned by:    | EME √ | QSE √ |
|-------------------------------------------------------------------|-------|-------|
| Black people                                                      |       |       |
| Black people who are youth                                        |       |       |
| Black people who are women                                        |       |       |
| Black people with disabilities                                    |       |       |
| Black people living in rural or underdeveloped areas or townships |       |       |
| Cooperative owned by black people                                 |       |       |
| Black people who are military veterans                            |       |       |
| OR                                                                |       |       |
| Any EME                                                           |       |       |
| Any QSE                                                           |       |       |

8. **DECLARATION WITH REGARD TO COMPANY/FIRM**

8.1 Name of company/firm:.....

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One person business/sole propriety
- ☐ Close corporation
- ☐ Company
- ☐ (Pty) Limited

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....  
.....



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

**8.6 COMPANY CLASSIFICATION**

- ☐ Manufacturer  
☐ Supplier  
☐ Professional Supplier  
☐ Other Suppliers, e.g. transporter, etc.

[ *TICK APPLICABLE BOX* ]

8.7 Total number of years the company/firm has been in business:.....

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If a bidder submitted false information regarding its B-BBEE status level of contributor, local production and content, or any other matter required in terms of the Preferential Procurement Regulations, 2017 which will affect or has affected the evaluation of a bid, or where a bidder has failed to declare any subcontracting arrangements or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have
  - (a) disqualify the person from the bidding process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) if the successful bidder subcontracted a portion of the bid to another person without disclosing it, Transnet reserves the right to penalise the bidder up to 10 percent of the value of the contract;
  - (e) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
  - (f) forward the matter for criminal prosecution.

**WITNESSES**

1. ....
2. ....

.....  
SIGNATURE(S) OF BIDDERS(S)

DATE:.....

ADDRESS

.....

## SBD 8

### DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

1. This Standard Bidding Document must form part of all bids invited.
2. It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
3. The bid of any bidder may be disregarded if that bidder, or any of its directors have-
  - a. abused the institution's supply chain management system;
  - b. committed fraud or any other improper conduct in relation to such system; or
  - c. failed to perform on any previous contract.

**4. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

| Item  | Question                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes                             | No                             |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|
| 4.1   | Is the bidder or any of its directors listed on the National Treasury's database as companies or persons prohibited from doing business with the public sector?<br><b>(Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the <i>audi alteram partem</i> rule was applied).</b>                                                                                                                    | Yes<br><input type="checkbox"/> | No<br><input type="checkbox"/> |
| 4.1.1 | If so, furnish particulars:                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                |
| 4.2   | Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?<br><b>To access this Register enter the National Treasury's website, <a href="http://www.treasury.gov.za">www.treasury.gov.za</a>, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445.</b> | Yes<br><input type="checkbox"/> | No<br><input type="checkbox"/> |
| 4.2.1 | If so, furnish particulars:                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                |
| 4.3   | Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?                                                                                                                                                                                                                                                                                               | Yes<br><input type="checkbox"/> | No<br><input type="checkbox"/> |
| 4.3.1 | If so, furnish particulars:                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                |



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

|       |                                                                                                                                                                   |                                 |                                |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|
| 4.4   | Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract? | Yes<br><input type="checkbox"/> | No<br><input type="checkbox"/> |
| 4.4.1 | If so, furnish particulars:                                                                                                                                       |                                 |                                |

**SBD 8****CERTIFICATION**

**I, THE UNDERSIGNED (FULL NAME)..... CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT.**

**I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.**

---

 Signature

---

 Date

---

 Position

---

 Name of Tenderer

## **CERTIFICATE OF INDEPENDENT BID DETERMINATION**

1. This Standard Bidding Document (SBD) must form part of all bids/quotes<sup>4</sup> invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>5</sup> Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
3. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
  - (a) disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
  - (b) cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
4. This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

---

<sup>4</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

<sup>5</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

**SBD 9**

**CERTIFICATE OF INDEPENDENT QUOTATION/PROPOSAL DETERMINATION**

I, the undersigned, in submitting the accompanying quote:

---

(Quote Number and Description)

in response to the invitation for the quote made by:

---

(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_\_\_ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

**SBD 9**

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium<sup>6</sup> will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)
  - (c) methods, factors or formulas used to calculate prices;
  - (d) the intention or decision to submit or not to submit, a bid;
  - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

---

<sup>6</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

---

Signature

---

Date

---

Position

---

Name of bidder

## T2.2-14: Supplier Code of Conduct

Transnet SOC Limited aims to achieve the best value for money when buying or selling goods and obtaining services. This however must be done in an open and fair manner that supports and drives a competitive economy. Underpinning our process are several acts and policies that any supplier dealing with Transnet must understand and support. These are:

- The Transnet Procurement Policy – A guide for Tenderers.
- Section 217 of the Constitution - the five pillars of Public PSCM (Procurement and Supply Chain Management): fair, equitable, transparent, competitive and cost effective;
- The Public Finance Management Act (PFMA);
- The Broad Based Black Economic Empowerment Act (BBBEE)
- The Prevention and Combating of Corrupt Activities Act (PRECCA); and
- The Construction Industry Development Board Act (CIDB Act).

This code of conduct has been included in this contract to formally appraise Transnet Suppliers of Transnet's expectations regarding behaviour and conduct of its Suppliers.

### ***Prohibition of Bribes, Kickbacks, Unlawful Payments, and Other Corrupt Practices***

Transnet is in the process of transforming itself into a self-sustaining State Owned Enterprise, actively competing in the logistics industry. Our aim is to become a world class, profitable, logistics organisation. As such, our transformation is focused on adopting a performance culture and to adopt behaviours that will enable this transformation.

#### ***1. Transnet SOC Limited will not participate in corrupt practices. Therefore, it expects its suppliers to act in a similar manner.***

- Transnet and its employees will follow the laws of this country and keep accurate business records that reflect actual transactions with, and payments to, our suppliers.
- Employees must not accept or request money or anything of value, directly or indirectly, from suppliers.
- Employees may not receive anything that is calculated to:
  - Illegally influence their judgement or conduct or to ensure the desired outcome of a sourcing activity;

- Win or retain business or to influence any act or decision of any person involved in sourcing decisions; or
- Gain an improper advantage.
- There may be times when a supplier is confronted with fraudulent or corrupt behaviour of Transnet employees. We expect our Suppliers to use our “Tip-offs Anonymous” Hot line to report these acts. (0800 003 056).

**2. *Transnet SOC Limited is firmly committed to the ideas of free and competitive enterprise.***

- Suppliers are expected to comply with all applicable laws and regulations regarding fair competition and antitrust practices.
- Transnet does not engage with non-value adding agents or representatives solely for the purpose of increasing BBBEE spend (fronting).

**3. *Transnet's relationship with suppliers requires us to clearly define requirements, to exchange information and share mutual benefits.***

- Generally, suppliers have their own business standards and regulations. Although Transnet cannot control the actions of our suppliers, we will not tolerate any illegal activities. These include, but are not limited to:
  - Misrepresentation of their product (origin of manufacture, specifications, intellectual property rights, etc);
  - Collusion;
  - Failure to disclose accurate information required during the sourcing activity (ownership, financial situation, BBBEE status, etc.);
  - Corrupt activities listed above; and
  - Harassment, intimidation or other aggressive actions towards Transnet employees.
- Suppliers must be evaluated and approved before any materials, components, products or services are purchased from them. Rigorous due diligence is conducted and the supplier is expected to participate in an honest and straight forward manner.
- Suppliers must record and report facts accurately, honestly and objectively. Financial records must be accurate in all material respects.

### ***Conflicts of Interest***

A conflict of interest arises when personal interests or activities influence (or appear to influence) the ability to act in the best interests of Transnet SOC Limited.

- Doing business with family members.
- Having a financial interest in another company in our industry

Where possible, contracts will be negotiated to include the above in the terms of such contracts. To the extent such terms are not included in contractual obligations and any of the above code is breached, then Transnet reserves its right to review doing business with these suppliers.

I, \_\_\_\_\_ of \_\_\_\_\_  
*(insert name of Director or as per Authority Resolution from Board of Directors)* *(insert name of Company)*

hereby acknowledge having read, understood and agree to the terms and conditions set out in the "Transnet Supplier Code of Conduct."

Signed this on day \_\_\_\_\_ at \_\_\_\_\_

\_\_\_\_\_  
 Signature

## T2.2-15: Unilateral Non-Disclosure Agreement

**Note to tenderers: This Non-Disclosure Agreement is to be completed and signed by an authorised signatory:**

**THIS AGREEMENT** is made effective as of ..... day of ..... 20..... by and between:

**TRANSNET SOC LTD**

(Registration No. 1990/000900/30), a company incorporated and existing under the laws of South Africa, having its principal place of business at 2nd Floor, Waterfall Business Estate, 9 Country Estate Drive, Midrand, 1662, South Africa

**and**

.....  
(Registration No. ....), a private company incorporated and existing under the laws of South Africa having its principal place of business at  
.....  
.....

### **WHEREAS**

Transnet and the Company wish to exchange Information [as defined below] and it is envisaged that each party may from time to time receive Information relating to the other in respect thereof. In consideration of each party making available to the other such Information, the parties jointly agree that any dealings between them shall be subject to the terms and conditions of this Agreement which themselves will be subject to the parameters of the Tender Document.

### **IT IS HEREBY AGREED**

#### **1. INTERPRETATION**

In this Agreement:

- 1.1 **Agents** mean directors, officers, employees, agents, professional advisers, contractors or sub-contractors, or any Group member;
- 1.2 **Bid** or **Bid Document** (hereinafter Tender) means Transnet's Request for Information [**RFI**] Request for Proposal [**RFP**] or Request for Quotation [**RFQ**], as the case may be;



- 1.3 **Confidential Information** means any information or other data relating to one party [the **Disclosing Party**] and/or the business carried on or proposed or intended to be carried on by that party and which is made available for the purposes of the Bid to the other party [the **Receiving Party**] or its Agents by the Disclosing Party or its Agents or recorded in agreed minutes following oral disclosure and any other information otherwise made available by the Disclosing Party or its Agents to the Receiving Party or its Agents, whether before, on or after the date of this Agreement, and whether in writing or otherwise, including any information, analysis or specifications derived from, containing or reflecting such information but excluding information which:
- 1.3.1 is publicly available at the time of its disclosure or becomes publicly available [other than as a result of disclosure by the Receiving Party or any of its Agents contrary to the terms of this Agreement]; or
- 1.3.2 was lawfully in the possession of the Receiving Party or its Agents [as can be demonstrated by its written records or other reasonable evidence] free of any restriction as to its use or disclosure prior to its being so disclosed; or
- 1.3.3 following such disclosure, becomes available to the Receiving Party or its Agents [as can be demonstrated by its written records or other reasonable evidence] from a source other than the Disclosing Party or its Agents, which source is not bound by any duty of confidentiality owed, directly or indirectly, to the Disclosing Party in relation to such information;
- 1.4 **Group** means any subsidiary, any holding company and any subsidiary of any holding company of either party; and
- 1.5 **Information** means all information in whatever form including, without limitation, any information relating to systems, operations, plans, intentions, market opportunities, know-how, trade secrets and business affairs whether in writing, conveyed orally or by machine-readable medium.

## 2. CONFIDENTIAL INFORMATION

- 2.1 All Confidential Information given by one party to this Agreement [the **Disclosing Party**] to the other party [the **Receiving Party**] will be treated by the Receiving Party as secret and confidential and will not, without the Disclosing Party's written consent, directly or indirectly communicate or disclose [whether in writing or orally or in any other manner] Confidential Information to any other person other than in accordance with the terms of this Agreement.
- 2.2 The Receiving Party will only use the Confidential Information for the sole purpose of technical and commercial discussions between the parties in relation to the Tender or for the subsequent performance of any contract between the parties in relation to the Tender.
- 2.3 Notwithstanding clause 2.1 above, the Receiving Party may disclose Confidential Information:

- 2.3.1 to those of its Agents who strictly need to know the Confidential Information for the sole purpose set out in clause 2.2 above, provided that the Receiving Party shall ensure that such Agents are made aware prior to the disclosure of any part of the Confidential Information that the same is confidential and that they owe a duty of confidence to the Disclosing Party. The Receiving Party shall at all times remain liable for any actions of such Agents that would constitute a breach of this Agreement; or
- 2.3.2 to the extent required by law or the rules of any applicable regulatory authority, subject to clause 2.4 below.
- 2.4 In the event that the Receiving Party is required to disclose any Confidential Information in accordance with clause 2.3.2 above, it shall promptly notify the Disclosing Party and cooperate with the Disclosing Party regarding the form, nature, content and purpose of such disclosure or any action which the Disclosing Party may reasonably take to challenge the validity of such requirement.
- 2.5 In the event that any Confidential Information shall be copied, disclosed or used otherwise than as permitted under this Agreement then, upon becoming aware of the same, without prejudice to any rights or remedies of the Disclosing Party, the Receiving Party shall as soon as practicable notify the Disclosing Party of such event and if requested take such steps [including the institution of legal proceedings] as shall be necessary to remedy [if capable of remedy] the default and/or to prevent further unauthorised copying, disclosure or use.
- 2.6 All Confidential Information shall remain the property of the Disclosing Party and its disclosure shall not confer on the Receiving Party any rights, including intellectual property rights over the Confidential Information whatsoever, beyond those contained in this Agreement.

### **3. RECORDS AND RETURN OF INFORMATION**

- 3.1 The Receiving Party agrees to ensure proper and secure storage of all Information and any copies thereof.
- 3.2 The Receiving Party shall keep a written record, to be supplied to the Disclosing Party upon request, of the Confidential Information provided and any copies made thereof and, so far as is reasonably practicable, of the location of such Confidential Information and any copies thereof.
- 3.3 The Company shall, within 7 [seven] days of receipt of a written demand from Transnet:
  - 3.3.1 return all written Confidential Information [including all copies]; and
  - 3.3.2 expunge or destroy any Confidential Information from any computer, word processor or other device whatsoever into which it was copied, read or programmed by the Company or on its behalf.

- 3.4 The Company shall on request supply a certificate signed by a director as to its full compliance with the requirements of clause 3.3.2 above.

#### **4. ANNOUNCEMENTS**

- 4.1 Neither party will make or permit to be made any announcement or disclosure of its prospective interest in the Tender without the prior written consent of the other party.
- 4.2 Neither party shall make use of the other party's name or any information acquired through its dealings with the other party for publicity or marketing purposes without the prior written consent of the other party.

#### **5. DURATION**

The obligations of each party and its Agents under this Agreement shall survive the termination of any discussions or negotiations between the parties regarding the Tender and continue thereafter for a period of 5 [five] years.

#### **6. PRINCIPAL**

Each party confirms that it is acting as principal and not as nominee, agent or broker for any other person and that it will be responsible for any costs incurred by it or its advisers in considering or pursuing the Tender and in complying with the terms of this Agreement.

#### **7. ADEQUACY OF DAMAGES**

Nothing contained in this Agreement shall be construed as prohibiting the Disclosing Party from pursuing any other remedies available to it, either at law or in equity, for any such threatened or actual breach of this Agreement, including specific performance, recovery of damages or otherwise.

#### **8. PRIVACY AND DATA PROTECTION**

- 8.1 The Receiving Party undertakes to comply with South Africa's general privacy protection in terms Section 14 of the Bill of Rights in connection with this Tender and shall procure that its personnel shall observe the provisions of such Act [as applicable] or any amendments and re-enactments thereof and any regulations made pursuant thereto.
- 8.2 The Receiving Party warrants that it and its Agents have the appropriate technical and organisational measures in place against unauthorised or unlawful processing of data relating to the Tender and against accidental loss or destruction of, or damage to such data held or processed by them.

## 9. GENERAL

- 9.1 Neither party may assign the benefit of this Agreement, or any interest hereunder, except with the prior written consent of the other, save that Transnet may assign this Agreement at any time to any member of the Transnet Group.
- 9.2 No failure or delay in exercising any right, power or privilege under this Agreement will operate as a waiver of it, nor will any single or partial exercise of it preclude any further exercise or the exercise of any right, power or privilege under this Agreement or otherwise.
- 9.3 The provisions of this Agreement shall be severable in the event that any of its provisions are held by a court of competent jurisdiction or other applicable authority to be invalid, void or otherwise unenforceable, and the remaining provisions shall remain enforceable to the fullest extent permitted by law.
- 9.4 This Agreement may only be modified by a written agreement duly signed by persons authorised on behalf of each party.
- 9.5 Nothing in this Agreement shall constitute the creation of a partnership, joint venture or agency between the parties.
- 9.6 This Agreement will be governed by and construed in accordance with South African law and the parties irrevocably submit to the exclusive jurisdiction of the South African courts.

Signed

Date

Name

Position

Tenderer

## T2.2-16: Supplier declaration form

*Respondents are to furnish the following documentation and complete the Supplier Declaration Form below:*

1. **Original or certified** cancelled cheque **OR** letter from the Respondent's bank verifying banking details [**with bank stamp**]
2. **Certified copy** of Identity Document(s) of Shareholders/Directors/Members [*where applicable*]
3. **Certified copy** of Certificate of Incorporation, CM29 / CM9 [*name change*]
4. **Certified copy** of Share Certificates [CK1/CK2 if CC]
5. Original or certified letterhead confirm physical and postal addresses
6. **Original or certified** valid SARS Tax Clearance Certificate [RSA entities only]
7. **Certified copy** of VAT Registration Certificate [RSA entities only]
8. A signed letter from your entity's auditor or accountant confirming most recent annual turnover figures or certified BBBEE certificate
9. **Certified copy** of valid Company Registration Certificate [*if applicable*]

Note: No contract shall be awarded to any South African Respondent whose tax matters have not been declared by SARS to be in order.

Note: No agreement shall be awarded to any Respondent whose tax matters have not been declared by SARS to be in order.

|                                                               |    |       |         |                     |             |                 |
|---------------------------------------------------------------|----|-------|---------|---------------------|-------------|-----------------|
| Company Trading Name                                          |    |       |         |                     |             |                 |
| Company Registered Name                                       |    |       |         |                     |             |                 |
| Company Registration Number Or ID Number If A Sole Proprietor |    |       |         |                     |             |                 |
| Form of entity                                                | CC | Trust | Pty Ltd | Limited             | Partnership | Sole Proprietor |
| VAT number (if registered)                                    |    |       |         |                     |             |                 |
| Company Telephone Number                                      |    |       |         |                     |             |                 |
| Company Fax Number                                            |    |       |         |                     |             |                 |
| Company E-Mail Address                                        |    |       |         |                     |             |                 |
| Company Website Address                                       |    |       |         |                     |             |                 |
| Bank Name                                                     |    |       |         | Bank Account Number |             |                 |
| Postal Address                                                |    |       |         |                     |             | Code            |
| Physical Address                                              |    |       |         |                     |             | Code            |
| Contact Person                                                |    |       |         |                     |             |                 |
| Designation                                                   |    |       |         |                     |             |                 |



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIBD (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

|                                                                |              |                         |               |                               |               |
|----------------------------------------------------------------|--------------|-------------------------|---------------|-------------------------------|---------------|
| Telephone                                                      |              |                         |               |                               |               |
| Email                                                          |              |                         |               |                               |               |
| Annual Turnover Range (Last Financial Year)                    | < R5 Million |                         | R5-35 million |                               | > R35 million |
| Does Your Company Provide                                      | Products     |                         | Services      |                               | Both          |
| Area Of Delivery                                               | National     |                         | Provincial    |                               | Local         |
| Is Your Company A Public Or Private Entity                     |              |                         | Public        |                               | Private       |
| Does Your Company Have A Tax Directive Or IRP30 Certificate    |              |                         | Yes           |                               | No            |
| Main Product Or Service Supplied (E.G.: Stationery/Consulting) |              |                         |               |                               |               |
| BEE Ownership Details                                          |              |                         |               |                               |               |
| % Black Ownership                                              |              | % Black women ownership |               | % Disabled person/s ownership |               |
| Does your company have a BEE certificate                       |              | Yes                     |               | No                            |               |
| What is your broad based BEE status (Level 1 to 9 / Unknown)   |              |                         |               |                               |               |
| How many personnel does the firm employ                        |              | Permanent               |               | Part time                     |               |
| Transnet Contact Person                                        |              |                         |               |                               |               |
| Contact number                                                 |              |                         |               |                               |               |
| Transnet operating division                                    |              |                         |               |                               |               |

|                                                                  |  |             |  |
|------------------------------------------------------------------|--|-------------|--|
| Duly Authorised To Sign For And On Behalf Of Firm / Organisation |  |             |  |
| Name                                                             |  | Designation |  |
| Signature                                                        |  | Date        |  |

|                                             |  |               |  |
|---------------------------------------------|--|---------------|--|
| Stamp And Signature Of Commissioner Of Oath |  |               |  |
| Name                                        |  | Date          |  |
| Signature                                   |  | Telephone No. |  |

## T2.2-17: RFQ declaration form

NAME OF COMPANY: \_\_\_\_\_

We \_\_\_\_\_ do hereby certify that:

1. Transnet has supplied and we have received appropriate tender offers to any/all questions (as applicable) which were submitted by ourselves for tender clarification purposes;
2. we have received all information we deemed necessary for the completion of this Tender;
3. at no stage have we received additional information relating to the subject matter of this tender from Transnet sources, other than information formally received from the designated Transnet contact(s) as nominated in the tender documents;
4. we are satisfied, insofar as our company is concerned, that the processes and procedures adopted by Transnet in issuing this tender and the requirements requested from tenderers in responding to this tender have been conducted in a fair and transparent manner; and
5. furthermore, we acknowledge that a direct relationship exists between a family member and/or an owner / member / director / partner / shareholder (unlisted companies) of our company and an employee or board member of the Transnet Group as indicated below: *[Respondent to indicate if this section is not applicable]*

FULL NAME OF OWNER/MEMBER/DIRECTOR/  
PARTNER/SHAREHOLDER:

ADDRESS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Indicate nature of relationship with Transnet:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*[Failure to furnish complete and accurate information in this regard may lead to the disqualification of your response and may preclude a Respondent from doing future business with Transnet]*

We declare, to the extent that we are aware or become aware of any relationship between ourselves and Transnet (other than any existing and appropriate business relationship with Transnet) which could unfairly advantage our company in the forthcoming adjudication process, we shall notify Transnet immediately in writing of such circumstances.

6. We accept that any dispute pertaining to this tender will be resolved through the Ombudsman process and will be subject to the Terms of Reference of the Ombudsman. The

Ombudsman process must first be exhausted before judicial review of a decision is sought.  
 (Refer "Important Notice to respondents" below).

7. We further accept that Transnet reserves the right to reverse a tender award or decision based on the recommendations of the Ombudsman without having to follow a formal court process to have such award or decision set aside.
8. We have acquainted ourselves and agree with the content of T2.2-39 "Service Provider Integrity Pact".

|                                                          |
|----------------------------------------------------------|
| For and on behalf of<br>.....<br>duly authorised thereto |
| Name:                                                    |
| Signature:                                               |
| Date:                                                    |

#### IMPORTANT NOTICE TO TENDERERS

- Transnet has appointed a Procurement Ombudsman to investigate any material complaint in respect of tenders exceeding R5,000,000.00 (five million S.A. Rand) in value. Should a Tenderer have any material concern regarding an tender process which meets this value threshold, a complaint may be lodged with Transnet's Procurement Ombudsman for further investigation.
- It is incumbent on the Tenderer to familiarise himself/herself with the Terms of Reference for the Transnet Procurement Ombudsman, details of which are available for review at Transnet's website [www.transnet.net](http://www.transnet.net).
- An official complaint form may be downloaded from this website and submitted, together with any supporting documentation, within the prescribed period, to [procurement.ombud@transnet.net](mailto:procurement.ombud@transnet.net)
- For transactions below the R5,000,000.00 (five million S.A. Rand) threshold, a complaint may be lodged with the Chief Procurement Officer of the relevant Transnet Operating Division.
- All Tenderers should note that a complaint must be made in good faith. If a complaint is made in bad faith, Transnet reserves the right to place such a tenderer on its List of Excluded Bidders.

## T2.2-18: Certificate of Acquaintance with Tender Documents

NAME OF TENDERING ENTITY:

---

1. By signing this certificate I/we acknowledge that I/we have made myself/ourselves thoroughly familiar with, and agree with all the conditions governing this RFP. This includes those terms and conditions of the Contract, the Supplier Integrity Pact, Non-Disclosure Agreement etc. contained in any printed form stated to form part of the documents thereof, but not limited to those listed in this clause.
2. I/we furthermore agree that Transnet SOC Ltd shall recognise no claim from me/us for relief based on an allegation that I/we overlooked any tender/contract condition or failed to take it into account for the purpose of calculating my/our offered prices or otherwise.
3. I/we understand that the accompanying Tender will be disqualified if this Certificate is found not to be true and complete in every respect.
4. For the purposes of this Certificate and the accompanying Tender, I/we understand that the word "competitor" shall include any individual or organisation, other than the Tenderer, whether or not affiliated with the Tenderer, who:
  - a) has been requested to submit a Tender in response to this Tender invitation;
  - b) could potentially submit a Tender in response to this Tender invitation, based on their qualifications, abilities or experience; and
  - c) provides the same Services as the Tenderer and/or is in the same line of business as the Tenderer
5. The Tenderer has arrived at the accompanying Tender independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium will not be construed as collusive Tendering.
6. In particular, without limiting the generality of paragraph 5 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - a) prices;
  - b) geographical area where Services will be rendered [market allocation]

- c) methods, factors or formulas used to calculate prices;
  - d) the intention or decision to submit or not to submit, a Tender;
  - e) the submission of a tender which does not meet the specifications and conditions of the tender;  
or
  - f) Tendering with the intention not winning the tender.
7. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the Services to which this tender relates.
8. The terms of the accompanying tender have not been, and will not be, disclosed by the Tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening or of the awarding of the contract.
9. I/We am/are aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to tenders and contracts, tenders that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and/or may be reported to the National Prosecuting Authority [NPA] for criminal investigation. In addition, Tenderers that submit suspicious tenders may be restricted from conducting business with the public sector for a period not exceeding 10 [ten] years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Signed on this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_

SIGNATURE OF TENDERER

## **T2.2-19: Service Provider Integrity Pact**

**Important Note: All potential tenderers must read this document and certify in the RFP Declaration Form that that have acquainted themselves with, and agree with the content.**

**The contract with the successful tenderer will automatically incorporate this Integrity Pact and shall be deemed as part of the final concluded contract.**

### **INTEGRITY PACT**

Between

#### **TRANSNET SOC LTD**

Registration Number: 1990/000900/30

("Transnet")

and

The Contractor (hereinafter referred to as the "Tenderer/Service Providers/Contractor")

## **PREAMBLE**

Transnet values full compliance with all relevant laws and regulations, ethical standards and the principles of economical use of resources, fairness and transparency in its relations with its Tenderers / Service Providers/Contractors.

In order to achieve these goals, Transnet and the Tenderer / Service Provider hereby enter into this agreement hereinafter referred to as the "Integrity Pact" which will form part of the Tenderer's / Service Provider's / Contractor's application for registration with Transnet as a vendor.

The general purpose of this Integrity Pact is to agree on avoiding all forms of dishonesty, fraud and corruption by following a system that is fair, transparent and free from any undue influence prior to, during and subsequent to the currency of any procurement and / or reverse logistics event and any further contract to be entered into between the Parties, relating to such event.

All Tenderers / Service Providers / Contractor's will be required to sign and comply with undertakings contained in this Integrity Pact, should they want to be registered as a Transnet vendor.

## **OBJECTIVES**

Transnet and the Tenderer / Service Provider / Contractor agree to enter into this Integrity Pact, to avoid all forms of dishonesty, fraud and corruption including practices that are anti-competitive in nature, negotiations made in bad faith and under-pricing by following a system that is fair, transparent and free from any influence / unprejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:

- a) Enable Transnet to obtain the desired contract at a reasonable and competitive price in conformity to the defined specifications of the works, goods and services; and
- b) Enable Tenderers / Service Providers / Contractors to abstain from bribing or participating in any corrupt practice in order to secure the contract.

## **COMMITMENTS OF TRANSNET**

Transnet commits to take all measures necessary to prevent dishonesty, fraud and corruption and to observe the following principles:

Transnet hereby undertakes that no employee of Transnet connected directly or indirectly with the sourcing event and ensuing contract, will demand, take a promise for or accept directly or through intermediaries any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the Tenderer, either for themselves or for any person, organisation or third party related to the contract in exchange for an advantage in the tendering process, Tender evaluation, contracting or implementation process related to any contract.

Transnet will, during the registration and tendering process treat all Tenderers / Service Providers with equity, transparency and fairness. Transnet will in particular, before and during the registration process, provide to all Tenderers / Service Providers the same information and will not provide to any Tenderers / Service Providers / Contractors confidential / additional information through which the Tenderers / Service Providers / Contractors could obtain an advantage in relation to any tendering process.

Transnet further confirms that its employees will not favour any prospective Tenderer in any form that could afford an undue advantage to a particular Tenderer during the tendering stage, and will further treat all Tenderers / Service Providers / Contractors participating in the tendering process.

Transnet will exclude from the tender process such employees who have any personal interest in the Tenderers / Service Providers / Contractors participating in the tendering process.



### **OBLIGATIONS OF THE TENDERER / SERVICE PROVIDER**

The Tenderer / Service Provider / Contractor commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its Tender or during any ensuing contract stage in order to secure the contract or in furtherance to secure it and in particular the Tenderer / Service Provider / Contractor commits to the following:

- a) The Tenderer / Service Provider / Contractor will not, directly or through any other person or firm, offer, promise or give to Transnet or to any of Transnet's employees involved in the tendering process or to any third person any material or other benefit or payment, in order to obtain in exchange an advantage during the tendering process; and
- b) The Tenderer / Service Provider / Contractor will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any employee of Transnet, connected directly or indirectly with the tendering process, or to any person, organisation or third party related to the contract in exchange for any advantage in the tendering, evaluation, contracting and implementation of the contract.

The acceptance and giving of gifts may be permitted provided that:

- a) the gift does not exceed R1 000 (one thousand Rand) in retail value;
- b) many low retail value gifts do not exceed R 1 000 within a 12 month period;
- c) hospitality packages do not exceed R5 000 in value or many low value hospitality packages do not cumulatively exceed R5 000;
- d) a Tenderer / Service Provider does not give a Transnet employee more than 2 (two) gifts within a 12 (twelve) month period, irrespective of value;
- e) a Tenderer / Service Provider does not accept more than 1 (one) gift in excess of R750 (seven hundred and fifty Rand) from a Transnet employee within a 12 (twelve) month period, irrespective of value;
- f) a Tenderer / Service Provider may under no circumstances, accept from or give to, a Transnet employee any gift, business courtesy, including an invitation to a business meal and /or drinks, or hospitality package, irrespective of value, during any Tender evaluation process, including a period of 12 (twelve) months after such tender has been awarded, as it may be perceived as undue and improper influence on the evaluation process or reward for the contract that has been awarded; and
- g) a Tenderer / Service Provider may not offer gifts, goods or services to a Transnet employee at artificially low prices, which are not available to the public at those prices.

The Tenderer / Service Provider / Contractor will not collude with other parties interested in the contract to preclude a competitive Tender price, impair the transparency, fairness and progress of the tendering process, Tender evaluation, contracting and implementation of the contract. The Tenderer / Service Provider further commits itself to delivering against all agreed upon conditions as stipulated within the contract.

The Tenderer / Service Provider / Contractor will not enter into any illegal or dishonest agreement or understanding, whether formal or informal with other Tenderers / Service Providers / Contractors. This applies in particular to certifications, submissions or non-submission of documents or actions that are restrictive or to introduce cartels into the tendering process.

The Tenderer / Service Provider / Contractor will not commit any criminal offence under the relevant anti-corruption laws of South Africa or any other country. Furthermore, the Tenderer /Service Provider will not use for illegitimate purposes or for restrictive purposes or personal gain, or pass on to others, any information provided by Transnet as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

A Tenderer / Service Provider / Contractor of foreign origin shall disclose the name and address of its agents or representatives in South Africa, if any, involved directly or indirectly in the registration or tendering process. Similarly, the Tenderer / Service Provider / Contractor of South African nationality shall furnish the name and address of the foreign principals, if any, involved directly or indirectly in the registration or tendering process.

The Tenderer / Service Provider / Contractor will not misrepresent facts or furnish false or forged documents or information in order to influence the tendering process to the advantage of the Tenderer / Service Provider or detriment of Transnet or other competitors.

The Tenderer / Service Provider / Contractor shall furnish Transnet with a copy of its code of conduct, which code of conduct shall reject the use of bribes and other dishonest and unethical conduct, as well as compliance programme for the implementation of the code of conduct.

The Tenderer / Service Provider / Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

### INDEPENDENT TENDERING

For the purposes of that Certificate in relation to any submitted Tender, the Tenderer declares to fully understand that the word "competitor" shall include any individual or organisation, other than the

Tenderer, whether or not affiliated with the Tenderer, who:

- a) has been requested to submit a Tender in response to this Tender invitation;
- b) could potentially submit a Tender in response to this Tender invitation, based on their qualifications, abilities or experience; and
- c) provides the same Goods and Services as the Tenderer and/or is in the same line of business as the Tenderer.

The Tenderer has arrived at his submitted Tender independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium will not be construed as collusive tendering.

In particular, without limiting the generality of paragraph 5 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:

- a) prices;
- b) geographical area where Goods or Services will be rendered [market allocation];
- c) methods, factors or formulas used to calculate prices;
- d) the intention or decision to submit or not to submit, a Tender;
- e) the submission of a Tender which does not meet the specifications and conditions of the RFP; or
- f) tendering with the intention of not winning the Tender.

In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the Goods or Services to which his/her tender relates.

The terms of the Tender as submitted have not been, and will not be, disclosed by the Tenderer, directly or indirectly, to any competitor, prior to the date and time of the official Tender opening or of the awarding of the contract.

Tenderers are aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to Tenders and contracts, Tenders that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and/or may be reported to the National Prosecuting Authority [NPA] for criminal investigation and/or may be restricted from conducting business with the

public sector for a period not exceeding 10 [ten] years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Should the Tenderer find any terms or conditions stipulated in any of the relevant documents quoted in the Tender unacceptable, it should indicate which conditions are unacceptable and offer alternatives by written submission on its company letterhead, attached to its submitted Tender. Any such submission shall be subject to review by Transnet's Legal Counsel who shall determine whether the proposed alternative(s) are acceptable or otherwise, as the case may be.

#### Disqualification from Tendering Process

If the Tenderer / Service Provider / Contractor has committed a transgression through a violation of section 3 of this Integrity Pact or in any other form such as to put its reliability or credibility as a Tenderer / Service Provider into question, Transnet may reject the Tenderer's / Service Provider's / Contractor's application from the registration or tendering process and remove the Tenderer / Service Provider from its database, if already registered.

If the Tenderer / Service Provider / Contractor has committed a transgression through a violation of section 3, or any material violation, such as to put its reliability or credibility into question. Transnet may after following due procedures and at its own discretion also exclude the Tenderer / Service Provider / Contractor from future tendering processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, which will include amongst others the number of transgressions, the position of the transgressors within the company hierarchy of the Tenderer / Service Provider / Contractor and the amount of the damage. The exclusion will be imposed for up to a maximum of 10 (ten) years. However, Transnet reserves the right to impose a longer period of exclusion, depending on the gravity of the misconduct.

If the Tenderer / Service Provider / Contractor can prove that it has restored the damage caused by it and has installed a suitable corruption prevention system, or taken other remedial measures as the circumstances of the case may require, Transnet may at its own discretion revoke the exclusion or suspend the imposed penalty.

#### **TRANSNET'S LIST OF EXCLUDED TENDERERS (BLACKLIST)**

All the stipulations around Transnet's blacklisting process as laid down in Transnet's Supply Chain Policy and Procurement Procedures Manual are included herein by way of reference. Below follows a condensed summary of this blacklisting procedure.

Blacklisting is a mechanism used to exclude a company/person from future business with Transnet for a specified period. The decision to blacklist is based on one of the grounds for blacklisting. The standard of proof to commence the blacklisting process is whether a "prima facie" (i.e. on the face of it) case has been established.

Depending on the seriousness of the misconduct and the strategic importance of the Goods/Services, in addition to blacklisting a company/person from future business, Transnet may decide to terminate some or all existing contracts with the company/person as well.

A Service Provider or Contractor to Transnet may not subcontract any portion of the contract to a blacklisted company.

Grounds for blacklisting include: If any person/Enterprise which has submitted a Tender, concluded a contract, or, in the capacity of agent or subcontractor, has been associated with such Tender or contract:

- a) Has, in bad faith, withdrawn such Tender after the advertised closing date and time for the receipt of Tenders;



- b) has, after being notified of the acceptance of his Tender, failed or refused to sign a contract when called upon to do so in terms of any condition forming part of the Tender documents;
- c) has carried out any contract resulting from such Tender in an unsatisfactory manner or has breached any condition of the contract;
- d) has offered, promised or given a bribe in relation to the obtaining or execution of the contract;
- e) has acted in a fraudulent or improper manner or in bad faith towards Transnet or any Government Department or towards any public body, Enterprise or person;
- f) has made any incorrect statement in a certificate or other communication with regard to the Local Content of his Goods or his B-BBEE status and is unable to prove to the satisfaction of Transnet that:
  - (i) he made the statement in good faith honestly believing it to be correct; and
  - (ii) before making such statement he took all reasonable steps to satisfy himself of its correctness;
- g) caused Transnet damage, or to incur costs in order to meet the contractor's requirements and which could not be recovered from the contractor;
- h) has litigated against Transnet in bad faith.

Grounds for blacklisting include a company/person recorded as being a company or person prohibited from doing business with the public sector on National Treasury's database of Restricted Service Providers or Register of Tender Defaulters.

Companies associated with the person/s guilty of misconduct (i.e. entities owned, controlled or managed by such persons), any companies subsequently formed by the person(s) guilty of the misconduct and/or an existing company where such person(s) acquires a controlling stake may be considered for blacklisting. The decision to extend the blacklist to associated companies will be at the sole discretion of Transnet.

### **PREVIOUS TRANSGRESSIONS**

The Tenderer / Service Provider / Contractor hereby declares that no previous transgressions resulting in a serious breach of any law, including but not limited to, corruption, fraud, theft, extortion and contraventions of the Competition Act 89 of 1998, which occurred in the last 5 (five) years with any other public sector undertaking, government department or private sector company that could justify its exclusion from its registration on the Tenderer's / Service Provider's / Contractor's database or any tendering process.

If it is found to be that the Tenderer / Service Provider / Contractor made an incorrect statement on this subject, the Tenderer / Service Provider / Contractor can be rejected from the registration process or removed from the Tenderer / Service Provider / Contractor database, if already registered, for such reason (refer to the Breach of Law Form contained in the applicable RFX document.)

### **SANCTIONS FOR VIOLATIONS**

Transnet shall also take all or any one of the following actions, wherever required to:

- a) Immediately exclude the Tenderer / Service Provider / Contractor from the tendering process or call off the pre-contract negotiations without giving any compensation the Tenderer / Service Provider / Contractor. However, the proceedings with the other Tenderer / Service Provider / Contractor may continue;
- b) Immediately cancel the contract, if already awarded or signed, without giving any compensation to the Tenderer / Service Provider / Contractor;
- c) Recover all sums already paid by Transnet;



- d) Encash the advance bank guarantee and performance bond or warranty bond, if furnished by the Tenderer / Service Provider / Contractor, in order to recover the payments, already made by Transnet, along with interest;
- e) Cancel all or any other contracts with the Tenderer / Service Provider; and
- f) Exclude the Tenderer / Service Provider / Contractor from entering into any Tender with Transnet in future.

## CONFLICTS OF INTEREST

A conflict of interest includes, inter alia, a situation in which:

- a) A Transnet employee has a personal financial interest in a tendering / supplying entity; and
- b) A Transnet employee has private interests or personal considerations or has an affiliation or a relationship which affects, or may affect, or may be perceived to affect his / her judgment in action in the best interest of Transnet, or could affect the employee's motivations for acting in a particular manner, or which could result in, or be perceived as favouritism or nepotism.

A Transnet employee uses his / her position, or privileges or information obtained while acting in the capacity as an employee for:

- a) Private gain or advancement; or
- b) The expectation of private gain, or advancement, or any other advantage accruing to the employee must be declared in a prescribed form.

Thus, conflicts of interest of any Tender committee member or any person involved in the sourcing process must be declared in a prescribed form.

If a Tenderer / Service Provider / Contractor has or becomes aware of a conflict of interest i.e. a family, business and / or social relationship between its owner(s) / member(s) / director(s) / partner(s) / shareholder(s) and a Transnet employee / member of Transnet's Board of Directors in respect of a Tender which will be considered for the Tender process, the Tenderer / Service Provider / Contractor:

- a) must disclose the interest and its general nature, in the Request for Proposal ("RFX") declaration form; or
- b) must notify Transnet immediately in writing once the circumstances has arisen.

The Tenderer / Service Provider / Contractor shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any committee member or any person involved in the sourcing process, where this is done, Transnet shall be entitled forthwith to rescind the contract and all other contracts with the Tenderer / Service Provider / Contractor.

## MONITORING

Transnet will be responsible for appointing an independent Monitor to:

- a) Conduct random monitoring of compliance to the provisions of this Integrity Pact for contracts entered into between Transnet and the Tenderer / Service Provider / Contractor for less than R100,000.000 (one hundred million Rand) in value;
- b) Monitor compliance to the provisions of this Integrity Pact for contracts entered into between Transnet and the Tenderer / Service Provider / Contractor for greater than R100,000.000 (one hundred million Rand) in value; and
- c) Investigate any allegation of violation of any provisions of this Integrity Pact for contracts entered into between Transnet and the Tenderer / Service Provider / Contractor, irrespective of value.

The Monitor will be subjected to Transnet's Terms of Conditions of Contract for the Provision of Services to Transnet, as well as to Transnet's Service Provider Code of Conduct.

## EXAMINATION OF FINANCIAL RECORDS, DOCUMENTATION AND/OR ELECTRONIC DATA

For the purpose of Monitoring, as stipulated above, the Monitor shall be entitled to:

- a) Examine the financial records, documentation and or electronic data of Tenderer / Service Provider / Contractor / Transnet. The Tenderer / Service Provider / Transnet shall provide all requested information / documentation / data to the Monitor and shall extend all help possible for the purpose of such examination.

## DISPUTE RESOLUTION

Transnet recognises that trust and good faith are pivotal to its relationship with its Tenderer / Service Provider / Contractor. When a dispute arises between Transnet and its Tenderer / Service Provider / Contractor, the parties should use their best endeavours to resolve the dispute in an amicable manner, whenever possible. Litigation in bad faith negates the principles of trust and good faith on which commercial relationships are based. Accordingly, following a blacklisting process as mentioned in paragraph 0 above, Transnet will not do business with a company that litigates against it in bad faith or is involved in any action that reflects bad faith on its part. Litigation in bad faith includes, but is not limited to the following instances:

- a) **Vexatious proceedings:** these are frivolous proceedings which have been instituted without proper grounds;
- b) **Perjury:** where a Tenderer / Service Provider / Contractor make a false statement either in giving evidence or on an affidavit;
- c) **Scurrilous allegations:** where a Tenderer / Service Provider / Contractor makes allegations regarding a senior Transnet employee which are without proper foundation, scandalous, abusive or defamatory; and
- d) **Abuse of court process:** when a Tenderer / Service Provider / Contractor abuses the court process in order to gain a competitive advantage during a Tender process.

## GENERAL

This Integrity Pact is governed by and interpreted in accordance with the laws of the Republic of South Africa.

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the law relating to any civil or criminal proceedings.

The validity of this Integrity Pact shall cover all the tendering processes and will be valid for an indefinite period unless cancelled by either Party.

Should one or several provisions of this Integrity Pact turn out to be invalid the remainder of this Integrity Pact remains valid.

Should a Tenderer / Service Provider / Contractor be confronted with dishonest, fraudulent or corruptive behaviour of one or more Transnet employees, Transnet expects its Tenderer / Service Provider / Contractor to report this behaviour directly to a senior Transnet official / employee or alternatively by using Transnet's "Tip-Off Anonymous" hotline number 0800 003 056, whereby your confidentiality is guaranteed.

The Parties hereby declare that each of them has read and understood the clauses of this Integrity Pact and shall a Tenderer by it. To the best of the Parties' knowledge and belief, the information

## T2.2-20: Request for Proposal – Breach of law

NAME OF COMPANY: \_\_\_\_\_

I / We \_\_\_\_\_ do hereby certify that ***I/we have/have not been*** found guilty during the preceding 5 (five) years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or other administrative body. The type of breach that the Tenderer is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences.

*Where found guilty of such a serious breach, please disclose:*

NATURE OF BREACH:

---

---

---

DATE OF BREACH:

---

Furthermore, I/we acknowledge that Transnet SOC Ltd reserves the right to exclude any Tenderer from the tendering process, should that person or company have been found guilty of a serious breach of law, tribunal or regulatory obligation.

Signed on this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
SIGNATURE OF TENDER

The tenderer so submits the following letters together with the tender submission

- Proof of Ownership – A signed letter from the Original Equipment Manufacturer (OEM) confirming that the tenderer owns the machine/s. The number of machines must be reflected on the letter. In the case of purchasing from more than one OEM, separate letters must be provided for each OEM.
- A signed/stamped letter from a Financial Institution confirming financing.

The letters should be signed and stamped, and the information must be provided on the client's letter head with their client's company stamp.

[illegible]

## **T2.2-22: Agreement in terms of Protection of Personal Information Act, 4 of 2013 ("POPIA")**

### **1. PREAMBLE AND INTRODUCTION**

- 1.1. The rights and obligation of the Parties in terms of the Protection of Personal Information Act, 4 of 2013 ("POPIA") are included as forming part of the terms and conditions of this contract.

### **2. PROTECTION OF PERSONAL INFORMATION**

- 2.1. The following terms shall bear the same meaning as contemplated in Section 1 of the Protection of Person information act, No. of 2013 "(POPIA)":  
consent; data subject; electronic communication; information officer; operator; person; personal information; processing; record; Regulator; responsible party; special information; as well as any terms derived from these terms.
- 2.2. The Operator will process all information by the Transnet in terms of the requirements contemplated in Section 4(1) of the POPIA:  
Accountability; Processing limitation; Purpose specification; Further processing limitation; Information quality; Openness; Security safeguards and Data subject participation.
- 2.3. The Parties acknowledge and agree that, in relation to personal information of Transnet and the information of a third party that will be processed pursuant to this Agreement , the Operator is (..... insert name of Tenderer/Contractor) hereinafter Operator and the Data subject is "Transnet". Operator will process personal information only with the knowledge and authorisation of Transnet and will treat personal information and the information of a third party which comes to its knowledge as confidential and will not disclose it, unless so required by law or subject to the exceptions contained in the POPIA.
- 2.4. Transnet reserves all the rights afforded to it by the POPIA in the processing of any of its information as contained in this Agreement and the Operator is required to comply with all prescripts as detailed in the POPIA relating to all information concerning Transnet.
- 2.5. In terms of this Agreement, the Operator acknowledges that it will obtain and have access to personal information of Transnet and the information of a third party and agrees that it shall only process the

information disclosed by Transnet in terms of this Agreement and only for the purposes as detailed in this Agreement and in accordance with any applicable law.

- 2.6. Should there be a need for the Operator to process the personal information and the information of a third party in a way that is not agreed to in this Agreement, the Operator must request consent from Transnet to the processing of its personal information or and the information of a third party in a manner other than that it was collected for, which consent cannot be unreasonably withheld.
- 2.7. Furthermore, the Operator will not otherwise modify, amend or alter any personal information and the information of a third party submitted by Transnet or disclose or permit the disclosure of any personal information and the information of a third party to any third party without prior written consent from Transnet.
- 2.8. The Operator shall, at all times, ensure compliance with any applicable laws put in place and maintain sufficient measures, policies and systems to manage and secure against all forms of risks to any information that may be shared or accessed pursuant to the services offered to Transnet in terms of this Agreement (physically, through a computer or any other form of electronic communication).
- 2.9. The Operator shall notify Transnet in writing of any unauthorised access to personal information and the information of a third party , cybercrimes or suspected cybercrimes, in its knowledge and report such crimes or suspected crimes to the relevant authorities in accordance with applicable laws, after becoming aware of such crimes or suspected crime. The Operator must inform Transnet of the breach as soon as it has occurred to allow Transnet to take all necessary remedial steps to mitigate the extent of the loss or compromise of personal information and the information of a third party and to restore the integrity of the affected personal information as quickly as is possible.
- 2.10. Transnet may, in writing, request the Operator to confirm and/or make available any personal information and the information of a third party in its possession in relation to Transnet and if such personal information has been accessed by third parties and the identity thereof in terms of the POPIA.
- 2.11. Transnet may further request that the Operator correct, delete, destroy, withdraw consent or object to the processing of any personal information and the information of a third party relating to the Transnet or a third party in the Operator's s possession in terms of the provision of the POPIA and utilizing Form 2 of the POPIA Regulations .



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

- 2.12. In signing this addendum that is in terms of the POPIA, the Operator hereby agrees that it has adequate measures in place to provide protection of the personal information and the information of a third party given to it by Transnet in line with the 8 conditions of the POPIA and that it will provide to Transnet satisfactory evidence of these measures whenever called upon to do so by Transnet.

**The Operator is required to provide confirmation that all measures in terms of the POPIA are in place when processing personal information and the information of a third party received from Transnet:**

|            |  |           |  |
|------------|--|-----------|--|
| <b>YES</b> |  | <b>NO</b> |  |
|------------|--|-----------|--|

- 2.13. Further, the Operator acknowledges that it will be held liable by Transnet should it fail to process personal information in line with the requirements of the POPIA. The Operator will be subject to any civil or criminal action, administrative fines or other penalty or loss that may arise as a result of the processing of any personal information that Transnet submitted to it.

- 2.14. Should a Tenderer have any complaints or objections to processing of its personal information, by Transnet, the Tenderer can submit a complaint to the Information Regulator on <https://www.justice.gov.za/infoereg/>, click on contact us, click on complaints.IR@justice.gov.za

### **3. SOLE AGREEMENT**

- 3.1. The Agreement, constitute the sole agreement between the parties relating to the subject matter referred to in paragraph 1.1 of this and no amendment/variation/change shall be of any force and effect unless reduced to writing and signed by or on behalf of both parties.

Signed at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_ 2021

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

\_\_\_\_\_*(Name of company)*

(Operator)

Authorised signatory for and on behalf of .....*(Name of company)* who warrants that he/she is duly authorised to sign this Agreement.



TRANSNET FREIGHT RAIL  
 ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)  
 DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

#### AS WITNESSES:

1. Name: \_\_\_\_\_ Signature: \_\_\_\_\_  
 2. Name: \_\_\_\_\_ Signature: \_\_\_\_\_

## T2.2-23: SBD1 FORM

### PART A INVITATION TO BID

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                        |             |               |                                                |                                                                            |               |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|------------------------------------------------|----------------------------------------------------------------------------|---------------|---------|
| BID NUMBER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SIC21020CIDB<br>(HOAC_HO_37028)                                                                                                                        | ISSUE DATE: | 01 April 2022 | CLOSING DATE:                                  | 05 MAY 2022                                                                | CLOSING TIME: | 10:00am |
| DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) |             |               |                                                |                                                                            |               |         |
| <b>BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                        |             |               |                                                |                                                                            |               |         |
| <p>Transnet has implemented a new electronic tender submission system, the e-Tender Submission Portal, in line with the overall Transnet digitalization strategy where suppliers can view advertised tenders, register their information, log their intent to Respond to bids and upload their bid proposals/responses on to the system.</p> <p><b>RESPONDENTS ARE TO UPLOAD THEIR BID RESPONSE PROPOSALS ONTO THE TRANSNET SYSTEM AGAINST EACH TENDER/RFQ SELECTED.</b></p> <p>The Transnet e-Tender Submission Portal can be accessed as follows:</p> <ul style="list-style-type: none"> <li>❑ Log on to the Transnet eTenders management platform website (<a href="https://www.transnet.net">https://www.transnet.net</a>);</li> <li>❑ Click on "TENDERS";</li> <li>❑ Scroll towards the bottom right hand side of the page;</li> <li>❑ Click on "register on our new eTender Portal";</li> <li>❑ Click on "ADVERTISED TENDERS" to view advertised tenders;</li> <li>❑ Click on "SIGN UP NOW/REGISTER – for bidder to register their information (must fill in all mandatory information);</li> <li>❑ Click on "SIGN IN/REGISTER" - to sign in if already registered;</li> <li>❑ Toggle the "Log an Intent" button to submit a bid;</li> <li>❑ Submit bid documents by uploading them into the system against each tender selected.</li> </ul> <p>Please do always refer back to the tender portal to check if there are any changes on the tender advised before the closing date and time.</p> |                                                                                                                                                        |             |               |                                                |                                                                            |               |         |
| <b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                        |             |               | <b>TECHNICAL ENQUIRIES MAY BE DIRECTED TO:</b> |                                                                            |               |         |
| CONTACT PERSON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Dipuo Maroane                                                                                                                                          |             |               | CONTACT PERSON                                 | Dipuo Maroane                                                              |               |         |
| TELEPHONE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 011 584 0613                                                                                                                                           |             |               | TELEPHONE NUMBER                               | 011 584 0613                                                               |               |         |
| FACSIMILE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | N/A                                                                                                                                                    |             |               | FACSIMILE NUMBER                               | N/A                                                                        |               |         |
| E-MAIL ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="mailto:Dipuo.Maroane@transnet.net">Dipuo.Maroane@transnet.net</a>                                                                             |             |               | E-MAIL ADDRESS                                 | <a href="mailto:Dipuo.Maroane@transnet.net">Dipuo.Maroane@transnet.net</a> |               |         |



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

| SUPPLIER INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |  |                                                                            |                           |                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------|
| NAME OF BIDDER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                      |  |                                                                            |                           |                                                                                                   |
| POSTAL ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                      |  |                                                                            |                           |                                                                                                   |
| STREET ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                      |  |                                                                            |                           |                                                                                                   |
| TELEPHONE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODE                                                                                 |  | NUMBER                                                                     |                           |                                                                                                   |
| CELLPHONE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                      |  |                                                                            |                           |                                                                                                   |
| FACSIMILE NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CODE                                                                                 |  | NUMBER                                                                     |                           |                                                                                                   |
| E-MAIL ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                      |  |                                                                            |                           |                                                                                                   |
| VAT REGISTRATION NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                      |  |                                                                            |                           |                                                                                                   |
| SUPPLIER COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TAX COMPLIANCE SYSTEM PIN:                                                           |  | OR                                                                         | CENTRAL SUPPLIER DATABASE | UNIQUE REGISTRATION REFERENCE NUMBER:<br>MAAA                                                     |
| B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TICK APPLICABLE BOX]<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No |  | B-BBEE STATUS LEVEL SWORN AFFIDAVIT                                        |                           | [TICK APPLICABLE BOX]<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No             |
| <b>[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES &amp; QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                      |  |                                                                            |                           |                                                                                                   |
| 1 ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No<br>[IF YES ENCLOSE PROOF]   |  | 2 ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED? |                           | <input type="checkbox"/> Yes <input type="checkbox"/> No<br>[IF YES, ANSWER QUESTIONNAIRE BELOW ] |
| <p><b>QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b></p> <p>IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <input type="checkbox"/></p> <p>YES <input type="checkbox"/> NO</p> <p>DOES THE ENTITY HAVE A BRANCH IN THE RSA? <input type="checkbox"/></p> <p>YES <input type="checkbox"/> NO</p> <p>DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <input type="checkbox"/></p> <p>YES <input type="checkbox"/> NO</p> |                                                                                      |  |                                                                            |                           |                                                                                                   |

**IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 1.3 BELOW.**

## **PART B TERMS AND CONDITIONS FOR BIDDING**

### **1. TAX COMPLIANCE REQUIREMENTS**

- 1.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 1.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 1.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 1.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 1.5 IN BIDS WHERE UNINCORPORATED CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 1.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

**NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.**

SIGNATURE OF BIDDER: .....

CAPACITY UNDER WHICH THIS BID IS SIGNED: .....

(Proof of authority must be submitted e.g. company resolution)

DATE: \_\_\_\_\_



## T2.2-24: Operational Risk

| <b>Operational Risk</b>                                                                                                                                                                                                                                                                                                   | <b>Response</b> |           | <b>Supporting Documentation</b>                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                           | <b>Yes</b>      | <b>No</b> |                                                                                                                                                                              |
| Bidder to offer Supply, Operate and Maintain contract                                                                                                                                                                                                                                                                     |                 |           | Signed Method Statement                                                                                                                                                      |
| The Machine shall fit the rail structure gauge of 1065mm.                                                                                                                                                                                                                                                                 |                 |           | The bidder to submit the detailed drawing showing the structural gauge of the machine                                                                                        |
| The Machine shall not exceed 20ton per axle.                                                                                                                                                                                                                                                                              |                 |           | The bidder to submit machine specification outlining the weight of the machine.                                                                                              |
| The Regulator shall fit within the vehicle gauge given in Annexure 2 of the Manual for Track Maintenance during travelling and working. Should any machine or any part of the load of any machine exceed the vehicle gauge in any respect, this shall be clearly indicated by the Tenderer by means of suitable drawings. |                 |           | The Contractor shall submit vehicle gauge drawings with the tender document.                                                                                                 |
| The Machine shall have service brakes and independent emergency brakes capable of providing minimum retardation of 12,5% and gravitational acceleration of 6%.                                                                                                                                                            |                 |           | The bidder to submit machine specification outlining the braking capabilities of the machine OR a signed method statement outlining the braking capabilities of the machine. |
| The Contractor to submit the machine delivery plan from the award date to commissioning of the machine.                                                                                                                                                                                                                   |                 |           | The contractor to submit the detailed delivery schedule                                                                                                                      |
| The machine shall be able to regulate a sharp curve of radii R=135m                                                                                                                                                                                                                                                       |                 |           | The bidder to submit the machine specification OR a signed method statement                                                                                                  |
| The Machines shall be self-propelled.                                                                                                                                                                                                                                                                                     |                 |           | The bidder to submit the machine specification OR a signed method statement                                                                                                  |
| The Machine shall travel free on rail up a gradient of 1:30                                                                                                                                                                                                                                                               |                 |           | The bidder to submit the machine specification OR a signed method statement                                                                                                  |
| The machine should be able to regulate 1,2km of ballast in an hour.                                                                                                                                                                                                                                                       |                 |           | The bidder to submit the machine specification OR a signed method statement                                                                                                  |
| The Contractor shall supply a machine that is not older than 10 years or a machine that has been refurbished (reassembling and replacing components that restore the machine to its state when originally manufactured) 5 years as measured from the date of award or earlier than that.                                  |                 |           | Year Model of the machine or Date of refurbishment as well supporting proof (proof should show critical parts that enhance capacity)                                         |
| The Bidder must submit a machine and equipment maintenance plan that indicates how the availability and productivity of the machinery and equipment will be ensure. The maintenance plan should include but need not be limited to<br>- Maintenance intervals.                                                            |                 |           | The Contractor must submit a detailed maintenance plan.                                                                                                                      |

TRANSNET FREIGHT RAIL  
 ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)  
 DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING  
 MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

|   |                                                            |  |  |  |
|---|------------------------------------------------------------|--|--|--|
| - | Average time to maintain for both major and minor services |  |  |  |
| - | Workshop facilities                                        |  |  |  |
| - | Maintenance Structure                                      |  |  |  |
| - | Spares Management                                          |  |  |  |

Signed

Date

Name

Position

Tenderer

## T2.2-25: Insurance provided by the *Contractor*

Clause 83.1 in NEC3 Term Service Contract (June 2005)(amended June 2006 and April 2013) requires that the *Contractor* provides the insurance stated in the insurance table except any insurance which the *Employer* is to provide as stated in the Contract Data.

Please provide the following details for insurance which the *Contractor* is still to provide. Notwithstanding this information all costs related to insurance are deemed included in the tenderer's rates and prices.

| Insurance against<br>(See clause 83.2 of the TSC)                                                                                                                                                            | Name of Insurance<br>Company | Cover | Premium |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------|---------|
| Liability for death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract                                          |                              |       |         |
| Motor Vehicle Liability Insurance comprising (as a minimum) "Balance of Third Party" Risks including Passenger and Unauthorised Passenger Liability indemnity with a minimum indemnity limit of R10 000 000. |                              |       |         |
| Insurance in respect of loss of or damage to own property and equipment.                                                                                                                                     |                              |       |         |
| (Other)                                                                                                                                                                                                      |                              |       |         |

Signed

Date

Name

Position

Tenderer

## T2.2-26: Form of Intent to Provide a Performance Guarantee

Secondary Option X13 of NEC3 documents (ECC, PSC, and TSC) allows for provision of a performance guarantee from an approved financial institution which the *Employer* has accepted.

**For this contract only performance guarantees provided by a financial institution registered in South Africa will be accepted.**

---

It is hereby agreed that a Performance Guarantee drafted exactly as provided in the tender documents will be provided by the Guarantor named below, which is a bank or insurer registered in South Africa:

Name of Guarantor  
(Bank/insurer)

Address

The Performance Guarantee shall be provided within 4 (four) weeks after the Contract Date defined in the contract unless otherwise agreed to by the parties.

Signed

Name

Capacity

On behalf of (name of tenderer)

Date

### CONFIRMED BY Guarantor's Authorised Representative

Signature(s)

Name (print)

Capacity

On behalf of Guarantor  
(Bank/insurer)

Date

## T2.2-27: Three (3) years audited financial statements

Attached to this schedule is the last three (3) years audited financial statements of the single tenderer/members of the Joint Venture.

NAME OF COMPANY/IES and INDEX OF ATTACHMENTS:

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

## T2.2-28: Price Adjustment for Inflation

Tenderers to submit the proposed price adjustment indices as per clause X1 in terms of the Contract Data by the *Employer* which will then be included in the Contract Data

The proportions used to calculate the Price Adjustment Factor are:

Proportion (to be completed by tenderer)      Index prepared by: .....

linked to index for:

..... Lo and Lt shall be the labour indices as indicated in P0141 Table A: Geographic indices, CPI for total country.

..... Po and Pt shall be the average of the producer price indices for Metals, Machinery, Equipment, Computing Equipment and Transport Equipment in the ratio of 1:1 (P0142.1 Table 1 respectively).

..... Mo and Mt shall be the producer price indices of materials used in Mechanical Engineering (P0151 Table 3).

..... Do and Dt shall be the producer price indices for selected Materials (Diesel fuel, wholesale total) (CPAP, P0151, Table 4)."

..... non-adjustable

1.00      Total sum equal to 1.00

NB: Bidders are to note that the final proportions of the Price Adjustment factor are to be negotiated and agreed between the *Employer* and successful bidder. The agreed proportions will be used to update clause X1 of the Contract Data by the *Employer*.

Signed ..... Date .....

Name ..... Position .....

Tenderer .....

## T2.2-29: Schedule of Machines

### BALLAST REGULATOR (The Main Machine):

#### MACHINE

- 1 MAKE:.....
- 2 MODEL (YEAR):.....
- 3 PRODUCTION RATE (for existing track condition :.....(meters/hour)
- 4 HOPPER CAPACITY (m<sup>3</sup>/h):.....
- 5.1 NOMINAL PROFILING RATES:.....
- 5.2 NOMINAL PROFILING RATES:.....
- 5.3 NOMINAL PROFILING RATES:.....
- 6 FITTED WITH RAILWAY BUFFERS BOTH ENDS, IF NOT CLARIFY
- 7 NOMINAL TRAVELLING SPEED (kilometre/h)
  - 7.1 LEVEL GRADIENT (minimum 80 kilometre/h):.....
  - 7.2 GRADIENT OF 1:30 (minimum 45 kilometre/h):.....
  - 7.3 WHEN TRAVELLING AS PART OF AND COUPLED TO A TRAIN:.....  
(minimum 60 kilometre/h)

Note: Production rate in the schedule of machines indicates the maximum continuous production rate that the machine is capable of.

**To be completed by bidder. Information to be filled in only where applicable**

## SCHEDULE OF LABOUR FOR FULL TIME SUPPORT PREPARATION AND SUPPORT FOR BALLAST REGULATOR MACHINE (S)

All direct machine-based support work for ballast regulating machine(s) offered per the contracts.

(Fill in relevant information)

|                                                                         | A) Machine support Labour | B) Full time support Subcontract labour as part of machine activity. | C) Any other full time labour – (Functions to be specified.) |
|-------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------|--------------------------------------------------------------|
|                                                                         | Quantity                  | Quantity                                                             | Quantity                                                     |
| 1. Contract supervisor                                                  |                           |                                                                      |                                                              |
| 2. Machine operators Differentiate between machines                     |                           |                                                                      |                                                              |
| 3. Machine maintenance support Technicians                              |                           |                                                                      |                                                              |
| 4. Machine Technician Trade hands supporting machines:                  |                           |                                                                      |                                                              |
| 5. Other Machine support Grades: Specify:                               |                           |                                                                      |                                                              |
| 6. Subcontractor supervisor                                             |                           |                                                                      |                                                              |
| 7. Subcontractors Trade hands for track support. Trackman etc.          |                           |                                                                      |                                                              |
| 8. Bonders.                                                             |                           |                                                                      |                                                              |
| 9. Flagmen                                                              |                           |                                                                      |                                                              |
| 10. Workers (Track workers Un –skilled labour)                          |                           |                                                                      |                                                              |
| 11. Vehicle allowed for transport of workers & tools. (Type & Capacity) |                           |                                                                      |                                                              |
| 12.. Any other support allowed for execution of this function (Clarify) |                           |                                                                      |                                                              |

Signed

Date

Name

Position

Tenderer

## C1.1: Form of Offer & Acceptance

### Offer

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of:

### MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84)

The tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the tenderer offers to perform all of the obligations and liabilities of the *Contractor* under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the *conditions of contract* identified in the Contract Data.

***The currency for this contract is the South African Rands***

|                                                     |          |
|-----------------------------------------------------|----------|
| The offered total of the Prices exclusive of VAT is | <b>R</b> |
| Value Added Tax @ 15% is                            | <b>R</b> |
| The offered total of the Prices inclusive of VAT is | <b>R</b> |
| (in words)                                          |          |

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the *Contractor* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s)

Capacity

**For the  
tenderer:**

Name &  
signature of  
witness

(Insert name and address of  
organisation)

Date

Tenderer's CIDB registration number:

## Acceptance

By signing this part of this Form of Offer and Acceptance, the *Employer* identified below accepts the tenderer's Offer. In consideration thereof, the *Employer* shall pay the *Contractor* the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the *Employer* and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

|         |                                                                                  |
|---------|----------------------------------------------------------------------------------|
| Part C1 | Agreements and Contract Data, (which includes this Form of Offer and Acceptance) |
| Part C2 | Pricing Data                                                                     |
| Part C3 | Scope of Work: Service Information                                               |
| Part C4 | Site Information                                                                 |

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the *conditions of contract* identified in the Contract Data at, or just after, the date this agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any).

Unless the tenderer (now *Contractor*) within five working days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

Signature(s)

Name(s) \_\_\_\_\_

Capacity \_\_\_\_\_

**for the Employer** Transnet SOC Ltd

Name & signature of witness \_\_\_\_\_  
 (Insert name and address of organisation)

Date \_\_\_\_\_

\_\_\_\_\_

## Schedule of Deviations

Note:

1. To be completed by the Employer prior to award of contract. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
2. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
3. A tenderer's covering letter must not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid be the subject of agreement reached during the process of Offer and Acceptance, the outcome of such agreement shall be recorded here and the final draft of the contract documents shall be revised to incorporate the effect of it.

| No. | Subject | Details |
|-----|---------|---------|
| 1   |         |         |
| 2   |         |         |
| 3   |         |         |
| 4   |         |         |
| 5   |         |         |
| 6   |         |         |
| 7   |         |         |

By the duly authorised representatives signing this Schedule of Deviations below, the Employer and the tenderer agree to and accept this Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the Employer during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Form shall have any meaning or effect in the contract between the parties arising from this Agreement.

|                             | For the tenderer:                                | For the Employer |
|-----------------------------|--------------------------------------------------|------------------|
| Signature                   | _____                                            | _____            |
| Name                        | _____                                            | _____            |
| Capacity                    | _____                                            | _____            |
| On behalf of                | <i>(Insert name and address of organisation)</i> | Transnet SOC Ltd |
| Name & signature of witness | _____                                            | _____            |
| Date                        | _____                                            | _____            |



## C1.2 Contract Data

### Part one - Data provided by the *Employer*

| Clause   | Statement                                                                               | Data                                                                                                                                                                                                                                                                                               |
|----------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> | <b>General</b>                                                                          |                                                                                                                                                                                                                                                                                                    |
|          | The <i>conditions of contract</i> are the core clauses and the clauses for main Option: |                                                                                                                                                                                                                                                                                                    |
|          | dispute resolution Option                                                               | <b>A: Priced contract with price list</b><br><b>W1: Dispute resolution procedure</b>                                                                                                                                                                                                               |
|          | and secondary Options                                                                   | <b>X1: Price adjustment for inflation</b><br><b>X2 Changes in the law</b><br><b>X4: Parent company guarantee</b><br><b>X13 Performance Bond</b><br><b>X17: Low service damages</b><br><b>X18: Limitation of liability</b><br><b>X19: Task Order</b><br><b>Z: Additional conditions of contract</b> |
|          | of the NEC3 Term Service Contract (June 2005) (and amended June 2006 and April 2013)    |                                                                                                                                                                                                                                                                                                    |
| 10.1     | The <i>Employer</i> is (name):                                                          | <b>Transnet SOC Ltd</b>                                                                                                                                                                                                                                                                            |
|          | Address                                                                                 | Registered address:<br><b>Transnet Corporate Centre</b><br><b>138 Eloff Street</b><br><b>Braamfontein</b><br><b>Johannesburg</b><br><b>2000</b>                                                                                                                                                    |
|          | Having elected its Contractual Address for the purposes of this contract as:            | <b>Transnet Freight Rail</b><br><b>15 Girton Road</b><br><b>Parktown, Johannesburg</b><br><b>South Africa, 2000</b>                                                                                                                                                                                |
|          | Tel No.                                                                                 | <b>011 584 0613</b>                                                                                                                                                                                                                                                                                |



|          |                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.1     | The <i>Service Manager</i> is (name):                            | <b>Mr Tenny Madiba</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|          | Address                                                          | <b>Inyanda House, 21 Wellington Road</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|          | Tel                                                              | <b>(011) 544 9346</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|          | e-mail                                                           | <b><a href="mailto:Tenny.Madiba@transnet.net">Tenny.Madiba@transnet.net</a></b>                                                                                                                                                                                                                                                                                                                                                                                                  |
| 11.2(2)  | The Affected Property is                                         | <b>In respect of each Task Order, the identified portion of the South African Freight Rail Network</b>                                                                                                                                                                                                                                                                                                                                                                           |
| 11.2(13) | The <i>service</i> is                                            | Maintenance of Railway Track with On-Track Ballast Regulating Machines Countrywide on an 'as and when required' basis for a Period of Eighty-Four (84) Months.                                                                                                                                                                                                                                                                                                                   |
| 11.2(14) | The following matters will be included in the Risk Register      | (a) <i>Cancellation of track occupations at short notice.</i><br>(b) <i>The shortage of pilots to move machines between depots.</i><br>(c) <i>Work on railway track near live OHTE electrical equipment holds a danger of electrocution for workers.</i><br>(d) <i>Working on a railway lines adjacent to lines on which rail traffic continue to run holds the risk of injury or death to workers.</i><br>(e) <i>Dry vegetation at or near most worksites is a fire hazard.</i> |
| 11.2(15) | The Service Information is in                                    | <b>The Scope of Services</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12.2     | The <i>law of the contract</i> is the law of                     | <b>the Republic of South Africa subject to the jurisdiction of the Courts of South Africa.</b>                                                                                                                                                                                                                                                                                                                                                                                   |
| 13.1     | The <i>language of this contract</i> is                          | <b>English</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 13.3     | The <i>period for reply</i> is                                   | <b>2 weeks</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>2</b> | <b>The Contractor's main responsibilities</b>                    | (If the optional statement for this section is not used, no data will be required for this section)                                                                                                                                                                                                                                                                                                                                                                              |
| 21.1     | The <i>Contractor</i> submits a first plan for acceptance within | <b>2 weeks of the Contract Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>3</b> | <b>Time</b>                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 30.1     | The <i>starting date</i> is.                                     | <b>Within 12 months from award of business</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 30.1     | The <i>service period</i> is                                     | <b>84 months</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>4</b> | <b>Testing and defects</b>                                       | <b>No additional data is required for this section of the conditions of contract.</b>                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>5</b> | <b>Payment</b>                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 50.1     | The <i>assessment interval</i> is                                | <b>25<sup>th</sup> (twenty fifth) day of each successive month.</b>                                                                                                                                                                                                                                                                                                                                                                                                              |
| 51.1     | <b>The currency of this contract is the</b>                      | <b>South African Rand.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



|          |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                              |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 51.2     | The period within which payments are made is                                                                                                                                                                                                                                                                             | <b>Payment will be effected on or before the last day of the month following the month during which a valid Tax Invoice and Statement were received.</b>                                                                                     |
| 51.4     | The <i>interest rate</i> is                                                                                                                                                                                                                                                                                              | <b>The prime lending rate of the Standard Bank South Africa.</b>                                                                                                                                                                             |
| <b>6</b> | <b>Compensation events</b>                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                              |
| 60.1(15) | A weather measurement is                                                                                                                                                                                                                                                                                                 | determined by a suitable weather station most conveniently located in the Affected area                                                                                                                                                      |
| 60.1(15) | The <i>weather data</i> is                                                                                                                                                                                                                                                                                               | the weather data issued with the Task Order or within <b>[5 days]</b> thereof, covering the area in which the Affected Property is situated, or if not so issued the national weather data available from the South African Weather Services |
| <b>7</b> | <b>Use of Equipment Plant and Materials</b>                                                                                                                                                                                                                                                                              | <b>No additional data is required for this section of the conditions of contract.</b>                                                                                                                                                        |
| <b>8</b> | <b>Risks and insurance</b>                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                              |
| 80.1     | These are additional <i>Employer's</i> risks                                                                                                                                                                                                                                                                             | <b>none</b>                                                                                                                                                                                                                                  |
| 84.1     | The minimum limit of indemnity for insurance in respect of loss and damage to property (except goods, plant and materials and equipment) and liability for bodily injury or death of a person (not an employee of the <i>Service Provide</i> ) caused by activity in connection with this contract for any one event is: | <b>Whatever <i>Contractor</i> deems necessary as the <i>Employer</i> is not carrying this indemnity.</b>                                                                                                                                     |
| 84.1     | The minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract for any one event is:                                                                                   | <b>As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the <i>Contractor's</i> common law liability for people falling outside the scope of the Act.</b>                                        |
| 84.1     | The <i>Contractor</i> liability to the <i>Employer</i> for indirect or consequential loss including loss of profit, revenue and goodwill, is limited to:                                                                                                                                                                 | <b>The total of the prices.</b>                                                                                                                                                                                                              |
| 84.1     | For any one event, the <i>Contractor</i> liability to the <i>Employer</i> for loss of or damage to the <i>Employers</i> property is limited to:                                                                                                                                                                          | <b>The total of the prices.</b>                                                                                                                                                                                                              |



|           |                                                                                                                                                                                 |                                                                                                                                                                                                                     |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 84.1      | The <i>Contractor</i> total liability to the <i>Employer</i> for all matters arising under or in connection with this contract, other than the excluded matters, is limited to: | <b>The total of the prices.</b>                                                                                                                                                                                     |
| <b>9</b>  | <b>Termination</b>                                                                                                                                                              | There is no reference to Contract Data in this section of the core clauses and terms in italics used in this section are identified elsewhere in this Contract Data.                                                |
| <b>10</b> | <b>Data for main Option clause</b>                                                                                                                                              |                                                                                                                                                                                                                     |
| <b>A</b>  | <b>Priced contract with price list</b>                                                                                                                                          |                                                                                                                                                                                                                     |
| 20.5      | The <i>Contractor</i> prepares forecasts of the final total of the Prices for the whole of the <i>service</i> at intervals no longer than                                       | <b>Monthly</b>                                                                                                                                                                                                      |
| <b>11</b> | <b>Data for Option W1</b>                                                                                                                                                       |                                                                                                                                                                                                                     |
| W1.1      | The <i>Adjudicator</i> is (Name)                                                                                                                                                | <b>Both parties will agree as and when a dispute arises. If the parties cannot reach an agreement on the <i>Adjudicator</i>, the chairman of the Association of Arbitrators will appoint an <i>Adjudicator</i>.</b> |
| W1.2(3)   | The <i>Adjudicator nominating body</i> is:<br><br>If no <i>Adjudicator nominating body</i> is entered, it is                                                                    | <b>The Association of Arbitrators (Southern Africa)</b>                                                                                                                                                             |
| W1.4(2)   | The <i>tribunal</i> is:                                                                                                                                                         | <b>Arbitration</b>                                                                                                                                                                                                  |
| W1.4(5)   | The <i>arbitration procedure</i> is                                                                                                                                             | <b>The Rules for the Conduct of Arbitrations of the Association of Arbitrators (Southern Africa)</b>                                                                                                                |
|           | The place where arbitration is to be held is                                                                                                                                    | <b>Johannesburg, South Africa</b>                                                                                                                                                                                   |
|           | The person or organisation who will choose an arbitrator                                                                                                                        |                                                                                                                                                                                                                     |
|           | - if the Parties cannot agree a choice or                                                                                                                                       |                                                                                                                                                                                                                     |
|           | - if the arbitration procedure does not state who selects an arbitrator, is                                                                                                     | <b>The Chairman of the Association of Arbitrators (Southern Africa)</b>                                                                                                                                             |
| <b>12</b> | <b>Data for secondary Option clauses</b>                                                                                                                                        |                                                                                                                                                                                                                     |



## X1 Price adjustment for inflation

### Factor adjustment formula for inflation adjustment

X1.1

A contract price adjustment factor to be determined in accordance with the formula as described below will be applied to allow for all increases or decreases in costs, from any cause whatsoever, which may occur after the closing date of the submission of tenders and before the date of completion. The factor shall be rounded off to six decimal places.

### X1.1 The base date for indices is 30 March 2022

The proportions used to calculate the Price Adjustment Factor are:

**proportion****linked to index for****Index prepared by****0.35****Labour (People)**

The Consumer Price Index (CPI) for "All Items" in Table 1 (Consumer price indices for the total country) of the Statistical Release P0141 "Consumer Price Index - Additional Tables" published by Statistics South Africa.

**0.00****Material (Electrical)**

The "Electrical Engineering" index in Table 5 (Mechanical and Electrical Engineering Input Price Indices) of the Statistical Release P0151.1 "Construction Materials Price Indices" published by Statistics South Africa.

**0.00****Material (Mechanical)**

The "Mechanical Engineering" index in Table 5 (Mechanical and Electrical Engineering Input Price Indices) of the Statistical Release P0151.1 "Construction Materials Price Indices" published by Statistics South Africa.



|            |                                 |                                                                                                                            |                              |                                                                                                                                                                                                                      |
|------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |                                 | <b>0.40</b>                                                                                                                | <b>Plant<br/>(Equipment)</b> | The "Plant and Equipment" index in Table 4 (Mining and construction plant and equipment price index) of the Statistical Release P0151.1 "Construction Materials Price Indices" published by Statistics South Africa. |
|            |                                 | <b>0.13</b>                                                                                                                | <b>Material<br/>(Civil)</b>  | The "Civil Engineering Material - Total" index in Table 6 (Civil engineering material price indices) of the Statistical Release P0151.1 "Construction Materials Price Indices" published by Statistics South Africa. |
|            |                                 | <b>0.12</b>                                                                                                                | <b>Fuel</b>                  | The "Diesel" index in Table 1 (PPI for final manufactured goods) of the Statistical Release P0142.1 "Producer Price Index" published by Statistics South Africa.                                                     |
|            |                                 | <b>0.00</b>                                                                                                                | <b>Non-adjustable</b>        |                                                                                                                                                                                                                      |
|            |                                 | <b>1.00</b>                                                                                                                |                              |                                                                                                                                                                                                                      |
| <b>X2</b>  | <b>Changes in the law</b>       | There is no reference to Contract Data in this Option and terms in italics are identified elsewhere in this Contract Data. |                              |                                                                                                                                                                                                                      |
| <b>X4</b>  | <b>Parent company guarantee</b> | <b>No additional data is required for this Option</b>                                                                      |                              |                                                                                                                                                                                                                      |
| <b>X13</b> | <b>Performance bond</b>         |                                                                                                                            |                              |                                                                                                                                                                                                                      |

|       |                       |                                                                                                                       |                                                                                                                                                                                                                                                              |
|-------|-----------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X13.1 | <b>Service Period</b> | The amount of the performance bond is 5% (five percent) of the total of the Prices as determined in the Pricing data. | The performance bond needs to be issued by a financial institution/bank with a minimum long term credit rating of A3 (Moody's), A- (Standard and Poors) and or A- (Fitch Ratings) or an equivalent rating from other rating agencies acceptable to Transnet. |
|-------|-----------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## **X17 Low service damages**

X17.1 The *service level table* is in

| Performance level                 | % Achieved of performance (Availability of the machine X Productivity of the machine) for each task order | Low service damages for each task order                                                              |  |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--|
| Rate of production X Availability | 99-100% performance achieved                                                                              | R0 (nil)                                                                                             |  |
|                                   | 95 - 98% performance achieved                                                                             | 2,5% of the Price for Services Provided in terms of the Task Order (Item 1.1 of Price List)          |  |
|                                   | 90 – 94% performance achieved                                                                             | 5% of the Price for Services Provided in terms of the Task Order (Item 1.1 of Price List)            |  |
|                                   | 88-89% performance achieved                                                                               | 7,5% of the Price for Services Provided in terms of the Task Order (Item 1.1 of Price List)          |  |
|                                   | 86-87% performance achieved                                                                               | 10% of the Price for Services Provided in terms of the Task Order (Item 1.1 of Price List)           |  |
|                                   | 84-85% performance achieved                                                                               | 12,5% of the Price for Services Provided to Date in terms of the Task Order (Item 1.1 of Price List) |  |
|                                   | <84% performance achieved                                                                                 | 15% of the Price for Services Provided in terms of the Task Order (Item 1.1 of Price List)           |  |

## **X18 Limitation of liability**

|            |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X18.1      | The <i>Contractor's</i> liability to the <i>Employer</i> for indirect or consequential loss is limited to                                                                          | In respect of each Task Order 10% of the total of the Prices for the Task Order or R1,000,000.00 (One million Rand), whichever is the higher amount.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| X18.2      | For any one event, the <i>Contractor's</i> liability to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property is limited to                                  | the deductible in terms of the <i>Employer's</i> arranged insurance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| X18.3      | The <i>Contractor's</i> liability for Defects due to his design of an item of Equipment is limited to                                                                              | in respect of each Task Order, the total of the Prices for the Task Order other than for the additional excluded matters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| X18.4      | The <i>Contractor's</i> total liability to the <i>Employer</i> , for all matters arising under or in connection with this contract, other than the excluded matters, is limited to | <p>in respect of each Task Order, the total of the Prices for the Task Order other than for the additional excluded matters.</p> <ul style="list-style-type: none"> <li>• The <i>Contractor's</i> total liability for the additional excluded matters is not limited.</li> <li>• The additional excluded matters are amounts for which the <i>Contractor</i> is liable under this contract for</li> <li>• Defects due to his design, plan and specification,</li> <li>• Defects due to manufacture and fabrication outside the Affected Property,</li> <li>• loss of or damage to property (other than the <i>Employer's</i> property, Plant and Materials),</li> <li>• death of or injury to a person and</li> <li>• infringement of an intellectual property right.</li> </ul> |
| X18.5      | The <i>end of liability date</i> is                                                                                                                                                | 6 (Six) months after the completion of the <i>services</i> at a specific Affected Property or the completion of a Task Order (whichever is applicable).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>X19</b> | <b>Task Order</b>                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| X19.5      | The <i>Contractor</i> submits a Task Order programme to the <i>Service Manager</i> within                                                                                          | 5 (five) days of receiving the Task Order.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Z</b>   | <b><i>Additional conditions of contract</i></b>                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



## **Z1 Obligations in respect of Termination**

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Z1.1                   | <p>The following will be included under core clause 91.1:</p> <p>In the second main bullet, after the word 'partnership' add 'joint venture whether incorporated or otherwise (including any constituent of the joint venture)'; and</p> <p>Under the second main bullet, insert the following additional bullets after the last sub-bullet:</p> <ul style="list-style-type: none"> <li>• commenced business rescue proceedings (R22)</li> <li>• repudiated this Contract (R23)</li> </ul> |
| Z1.2 Termination Table | <p>The following will be included under core clause 90.2 Termination Table as follows:</p> <p>Amend "A reason other than R1 – R21" to "A reason other than R1 – R23"</p>                                                                                                                                                                                                                                                                                                                   |
| Z1.3                   | <p>Amend "R1 – R15 or R18" to "R1 – R15, R18, R22 or R23."</p>                                                                                                                                                                                                                                                                                                                                                                                                                             |

## **Z2 Right Reserved by Transnet to Conduct Vetting through SSA**

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Z2.1 | <p>Transnet reserves the right to conduct vetting through State Security Agency (SSA) for security clearances of any Contractor who has access to National Key Points for the following without limitations:</p> <ol style="list-style-type: none"> <li>1. Confidential – this clearance is based on any information which may be used by malicious, opposing or hostile elements to harm the objectives and functions of an organ of state.</li> <li>2. Secret – clearance is based on any information which may be used by malicious, opposing or hostile elements to disrupt the objectives and functions of an organ of state.</li> <li>3. Top Secret – this clearance is based on information which may be used by malicious, opposing or hostile elements to neutralise the objectives and functions of an organ of state.</li> </ol> |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



---

**Z3 Additional clause relating to Collusion in the Construction Industry**

---

|      |                                                                                                                                                                               |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Z3.1 | The contract award is made without prejudice to any rights Transnet may have to take appropriate action later with regard to any declared bid rigging including blacklisting. |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

**Z4 Protection of Personal Information Act**

---

|      |                                                                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Z4.1 | The <i>Employer</i> and the <i>Contractor</i> are required to process information obtained for the duration of the Agreement in a manner that is aligned to the Protection of Personal Information Act |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

## C1.2 Contract Data

### Part two - Data provided by the *Contractor*

The tendering *contractor* is advised to read both the NEC3 Term Service Contract (June 2005) and the relevant parts of its Guidance Notes (TSC3-GN) in order to understand the implications of this Data which the tenderer is required to complete.

Completion of the data in full, according to Options chosen, is essential to create a complete contract.

| Clause   | Statement                                                                                           | Data                                      |
|----------|-----------------------------------------------------------------------------------------------------|-------------------------------------------|
| 10.1     | The <i>Contractor</i> is (Name):                                                                    |                                           |
|          | Address                                                                                             |                                           |
|          | Tel No.                                                                                             |                                           |
|          | Fax No.                                                                                             |                                           |
| 11.2(8)  | The <i>direct fee percentage</i> is                                                                 | %                                         |
|          | The <i>subcontracted fee percentage</i> is                                                          | %                                         |
| 11.2(18) | The <i>working areas</i> are the Site and                                                           |                                           |
| 24.1     | The <i>Contractor's</i> key persons are:                                                            |                                           |
|          | 1 Name:                                                                                             |                                           |
|          | Job:                                                                                                |                                           |
|          | Responsibilities:                                                                                   |                                           |
|          | Qualifications:                                                                                     |                                           |
|          | Experience:                                                                                         |                                           |
|          | 2 Name:                                                                                             |                                           |
|          | Job                                                                                                 |                                           |
|          | Responsibilities:                                                                                   |                                           |
|          | Qualifications:                                                                                     |                                           |
|          | Experience:                                                                                         |                                           |
|          | <b>CV's (and further key persons data including CVs) are appended to Tender Schedule entitled .</b> |                                           |
| 11.2(14) | The following matters will be included in the Risk Register                                         |                                           |
| <b>A</b> | <b>Priced contract with price list</b>                                                              |                                           |
| 11.2(12) | The <i>price list</i> is in                                                                         |                                           |
| 11.2(19) | The tendered total of the Prices is                                                                 | (in figures)<br>(in words), excluding VAT |

## C1.3 Forms of Securities

### Pro forma Performance Guarantee

For use with the NEC3 Term Service Contract - June 2005 (with amendments June 2006 and April 2013)

The *conditions of contract* stated in the Contract Data Part 1 include the following Secondary Option:

Option X13: Performance bond

The pro forma document for this Guarantee is provided here for convenience but is to be treated as part of the *Service Information*.

The organisation providing the Guarantee does so by copying the pro forma document onto its letterhead without any change to the text or format and completing the required details. The completed document is then given to the *Employer* within the time stated in the contract.

The Performance Bond needs to be issued by an institution that are reasonably acceptable to the *Employer*.

Transnet may choose to not to accept an Issuer. Should the issuer not being accepted, the performance bond needs to be replaced by an issuer that are acceptable to Transnet. Issuers need to be verified for acceptance by Transnet before a performance bond is issued.

**Transnet Freight Rail**

**ENQUIRY:** SIC21021CIDB (HOAC-HO-37027)

**DESCRIPTION OF THE SERVICES:** MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST SCREENER MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

---

**Pro-forma Performance Bond (for use with Option X13)**

*(to be reproduced exactly as shown below on the letterhead of the Surety)*

Transnet SOC Ltd  
C/o Transnet Freight Rail  
Transnet Corporate Centre  
138 Eloff Street  
Braamfontein  
Johannesburg  
2000

Date:

Dear Sirs,

**Performance Bond for Contract No. [REDACTED]**

With reference to the above numbered contract made or to be made between

**Transnet SOC Limited, Registration No. 1990/000900/30** (the *Employer*) and

{Insert registered name and address of the *Contractor*} (the *Contractor*), for

{Insert details of the service from the Contract Data} (the *service*).

I/We the undersigned

on behalf of the  
Guarantor

of physical address

and duly authorised thereto do hereby bind ourselves as Guarantor and co-principal debtors in solidum for the due and faithful performance of all the terms and conditions of the Contract by the *Contractor* and for all losses, damages and expenses that may be suffered or incurred by the *Employer* as a result of non-performance of the Contract by the *Contractor*, subject to the following conditions:

1. The terms *Employer*, *Contractor*, *Service Manager*, *service* have the meaning as assigned to them by the *conditions of contract* stated in the Contract Data for the aforesaid Contract.
2. We renounce all benefits from the legal exceptions "Benefit of Excussion and Division", "No value received" and all other exceptions which might or could be pleaded against the validity of this bond, with the meaning and effect of which exceptions we declare ourselves to be fully acquainted.
3. The *Employer* has the absolute right to arrange his affairs with the *Contractor* in any manner which the *Employer* deems fit and without being advised thereof the Guarantor shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the Guarantor. Without derogating from the foregoing compromise, extension of the service period, indulgence, release or variation of the *Contractor's* obligation shall not affect the validity of this performance bond.

**Transnet Freight Rail**

**ENQUIRY:** SIC21021CIDB (HOAC-HO-37027)

**DESCRIPTION OF THE SERVICES:** MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST SCREENER MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

---

4. This bond will lapse on the earlier of
- the date that the Guarantor receives a notice from the *Service Manager* stating that the Completion Certificate for the whole of the *service* has been issued, that all amounts due from the *Contractor* as certified in terms of the contract have been received by the *Employer* and that the *Contractor* has fulfilled all his obligations under the Contract, or
  - the date that the Surety issues a replacement Performance Bond for such lesser or higher amount as may be required by the *Service Manager*.
5. Always provided that this bond will not lapse in the event the Guarantor is notified by the *Service Manager*, (before the dates above), of the *Employer's* intention to institute claims and the particulars thereof, in which event this bond shall remain in force until all such claims are paid and settled.
6. The amount of the bond shall be payable to the *Employer* upon the *Employer's* demand and no later than 7 days following the submission to the Guarantor of a certificate signed by the *Service Manager* stating the amount of the *Employer's* losses, damages and expenses incurred as a result of the non-performance aforesaid. The signed certificate shall be deemed to be conclusive proof of the extent of the *Employer's* loss, damage and expense.
7. Our total liability hereunder shall not exceed the sum of:
- (say) \_\_\_\_\_
- R \_\_\_\_\_
8. This Performance Bond is neither negotiable nor transferable and is governed by the laws of the Republic of South Africa, subject to the jurisdiction of the courts of the Republic of South Africa

Signed at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_ 201\_

Signature(s)

Name(s) (printed)

Position in Guarantor company

Signature of Witness(s)

Name(s) (printed)

TRANSNET FREIGHT RAIL  
ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)  
DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

---

## PART C2: PRICING DATA

| Document reference | Title                | No of pages |
|--------------------|----------------------|-------------|
| C2.1               | Pricing instructions | 2 - 6       |
| C2.2               | Price Lists          | 7           |

## C2.1 Pricing assumptions: Option A

### 1. GENERAL

#### 1.1 How work is priced and assessed for payment

**Clause 11 in NEC3 Term Service Contract (TSC3) core clauses and Option A states:**

- |                              |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Identified and defined terms | 11<br>11.2 | <p>(12) The Price List is the price list unless later changed in accordance with this contract.</p> <p>(17) The Price for Services Provided to Date is the total of</p> <p>the Price for each lump sum item in the Price List which the Contractor has completed and where a quantity is stated for an item in the Price List, an amount calculated by multiplying the quantity which the Contractor has completed by the rate.</p> <p>(19) The Prices are the amounts stated in the Price column of the Price List. Where a quantity is stated for an item in the Price List, the Price is calculated by multiplying the quantity by the rate.</p> |
|------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Clause 50 in NEC3 Term Service Contract (TSC3) core clauses and Option A states:**

- |                          |      |                                                                                                                                                                                                                                                               |
|--------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assessing the amount due | 50.2 | <p>The amount due is</p> <ul style="list-style-type: none"> <li>• the Prices for the Services Provided to Date,</li> <li>• plus other amounts to be paid to the Contractor,</li> <li>• less amounts to be paid by or retained from the Contractor.</li> </ul> |
|--------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

This confirms that Option A is a priced contract where the Prices are derived from a list of items of service which can be priced as lump sums or as estimated quantities of service multiplied by a rate or a mix of both.

#### 1.2 Function of the Price List

Clause 54.1 in Option A states: "Information in the Price List is not Service Information". This confirms that instructions to do work or how it is to be done are not included in the Price List but in the Service Information. This is further confirmed by Clause 20.1 which states, "The Contractor Provides the Service in accordance with the Service Information". Hence the Contractor does not provide the Service in accordance with the Price List. The Price List is only a pricing document.

#### 1.3 Preparing the price list

Before preparing the price list, both the Employer and tendering contractors should read the TSC3 Guidance Notes pages 14 and 15. In an Option A contract, either Party may have entered items into the price list either as a process of offer and acceptance (tendering) or by negotiation depending on the nature of the service to be provided. Alternatively the Employer, in his Instructions to Tenderers or in a Tender Schedule, may have listed some items that he requires the Contractor to include in the price list to be prepared and priced by him.

It is assumed that in preparing or finalising the price list the Contractor:

- Has taken account of the guidance given in the TSC3 Guidance Notes relevant to Option A;
- Understands the function of the Price List and how work is priced and paid for;
- Is aware of the need to link priced rates with parameters for the volume of work involved in Providing the Service as contemplated in *price list* contained in section C2.2;

- Has listed and priced items in the price list which are inclusive of everything necessary and incidental to Providing the Service in accordance with the Service Information, as it was at the time of tender, as well as correct any Defects not caused by an Employer's risk. This should also include all liabilities and obligations set forth or implied in the Contract data, as well as any profit.
- Has priced work he decides not to show as a separate item within the Prices or rates of other listed items in order to fulfil the obligation to complete the service for the tendered total of the Prices.
- Understands there is no adjustment to items priced as lump sums if the amount, or quantity, of work within that item later turns out to be different to that which the Contractor estimated at time of tender. The only basis for a change to the (lump sum) Prices is as a result of a compensation event.

## 2. FORMAT OF THE PRICE LIST

Entries in the first four columns in the price list in section C2.2 are made either by the Employer or the tendering contractor.

If the Contractor is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tendering contractor enters the amount in the Price column only, the Unit, Estimated Quantity and Rate columns being left blank.

The pricing table contained in section C2.2 contemplates;

- (i) a fixed establishment fee paid monthly and
- (ii) volume based pricing with applicable rates based on actual volumes of work provided to the Contractor

The tendering contractor is required in the first row to provide its proposed monthly rate for establishment.

The remaining portion of the total of the Prices is determined through volume based pricing, whereby the amounts finally due to the Contractor in each year within the *service period* are determined annually by applying the applicable rate to the actual volume of Works issued to the Contractor subject to the terms of the contract. In the interim period (prior to the annual assessment) the Contractor is paid an Interim Average Work Rate (as further described in paragraph 4.6 below), and the amount paid is reconciliated after the annual assessment.

In this regard the tendering contractor is required to propose the relevant rates for the defined parameters of works for items 2.1 to 2.4 of the Price List (as further described in paragraphs 4.2 to 4.5 below), from which an Interim Average Working Rate is determined by applying the price weighting percentage indicator stipulated by the Employer in the Price List.

## 3. GENERAL PRICING ASSUMPTIONS

- 3.1 The agreement is based on the NEC Term Service Contract.
- 3.2 It will be assumed that prices included in the Price List are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders.
- 3.3 The Price List is not intended for the ordering of materials. Any ordering of materials, based on the Price List, is at the Contractor's risk.
- 3.4 The prices should cover the cost (as explained in par 1.3 above) for the work as described. The quantities set out in these Price Lists are estimates and do not necessarily represent the actual amount of work to be done per quantity item. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in these Price Lists (refer to par 1.1 above).

- 3.5 The short descriptions of the items of payment given in this Price List are only for purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Service Information.
- 3.6 For each item in the Price List, the *Contractor* shall provide in the appropriate column the portion of the tendered sum (inclusive of labour and material).
- 3.7 The total in the Price List shall be exclusive of VAT and shall be transferred to form C1.1 (Form of Offer and Acceptance).

#### 4. MEASUREMENT AND PAYMENT FOR CONTRACT

This part C2 of the specification as well as any reference in part **C3** will apply to determine conditions under which payments for this contract are to be made.

This section must be read together with the Additional Definitions and Interpretation Provisions contained in the Z- Clauses contained in **Contract Data provided by the Employer (C1.2 TSC3 Contract Data)** and in particular **Clause ZD6** providing for the annual assessment of the amount due to the Contractor for Providing the Services.

The basis of payment of this contract is the final linear kilometre regulated or profiled.

##### 4.1 ITEM 1.1: Final Km Regulated

(Final km regulated as per the schedule of quantities) km per the SOQ

Payment for operation of the machine with standard equipment will be to regulate sections of the track:

Monthly payment = [Final km regulated to spec x {rate for item 2.1}]

(Final Km regulated refers to a km of track that has been profiled on both sides of the track as well as the centre of the track and the track has been broomed as well).

If only one of these three profiling functions is required on the track, then the total distance profiled will be divided by 3 to calculate the final Km regulated.  $\{(km1+km2+km3)/3\}$ . This item will be subject to clause X17 low service damages.

##### 4.2 ITEM 1.2: Additional Final Km regulated

The additional km will only be paid once the final tendered km's has been reached and additional work is required.

##### 4.3 ITEM 1.3: Standby

Standby time shall be paid when the machine is required to be on standby during the off-period such as the December break.

##### 4.4 ITEM 2.1: TOM > 8 Hrs Weekdays (Monday - Friday)

Only approved overtime agreed between the Project Manager, Depot and *Contractor* shall be paid. No overtime shall be paid due to *Contractor* related issues i.e. productivity related or *Contractor* working extra hours to catch-up on daily targets and availability.

Overtime payments will be made for occupation time during week days (Monday to Friday) in excess of the hours of maximum occupation time (TOM) of 8 (eight) hours per day.

##### 4.5 ITEM 2.2: Weekend Saturday > 8 Hrs

Overtime payment will also be made for work performed on a Saturday when in excess of 5 consecutive days out of every 7 days or in excess of 10 consecutive days out of every 14 days.

Overtime payment will also be made for work performed on a Saturday shift day when work is performed in excess of 8 hours for the day.

Only To occupation time allocated will be considered for the calculation of overtime. This implies excluding preparation time outside of To time.

##### 4.6 ITEM 2.3: Weekend Sunday & PPH

Sunday time payment will be made for work performed on a Sunday or Paid Public Holiday when in excess of 5 consecutive days out of every 7 days or in excess of 10 consecutive days out of every 14 days.



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

---

Sunday time payment will also be made for work performed on a Sunday shift day when work is performed in excess of 8 hours for the day.

Only To occupation time allocated will be considered for the calculation of overtime. This implies excluding preparation time outside of To time.

#### **4.7 ITEM 3.1: Saturday Shift Allowance**

A shift allowance payment will be made for work performed on a Saturday when working five days out of every seven days or ten days out of every fourteen days.

#### **4.8 ITEM 3.2: Sunday Shift Allowance**

A shift allowance payment will be made for work performed on a Sunday or Paid Public Holiday when working five days out of every seven days or ten days out of every fourteen days.

#### **4.9 ITEM 3.3: Night Shift Allowance**

A night shift allowance payment will be made when an 8 hour occupation or part thereof falls between 18h00 and 06h00.

#### **4.10 ITEM 4: Labour rates**

This item shall also be used for any required and approved day labour. (Refer applicable clause of Part C3/A for additional preparation work). The rate shall be for additional labour inclusive of all the tools needed, supervision and transport. All additional preparation work must be approved by the *Service Manager*.

#### **4.11 ITEM 5: Moving Machine**

Payment will be made per track kilometre for moving the machinery between work site and work site. (See definition of moving time – Contract Data Definitions). Tendered rates shall include for fuel as well as wear and tear while moving. No payment will be made when the machinery is hauled by Locomotive.

NB: The quantities indicated in the Price List are estimated and not guaranteed to the contractor.

TRANSNET FREIGHT RAIL  
ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)  
DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

## C2.2 the price list

### **Machine Category:**

Ballast Regulating Machine Service – General Freight Business and Heavy Haul Business

### **Work Package:**

Number of Machine Service Packages Required = 4

*NB\* The Employer reserves the right to reduce the number of Work Packages required prior to the award of contract.*

**The currency for this contract is the South African Rands**

| PRICE LIST                   |                                         |             |          |      |        |
|------------------------------|-----------------------------------------|-------------|----------|------|--------|
| Item                         | Description                             | Qty         | Unit     | Rate | Amount |
| <b>1</b>                     | <b>Final Km Regulated</b>               |             | -        |      |        |
| 1.1                          | Final Km Regulated                      | 6715        | Km       |      |        |
| 1.2                          | Additional Final Km regulated           | 3500        | Km       |      |        |
| 1.3                          | Standby                                 | 105         | Day      |      |        |
| <b>2</b>                     | <b>Overtime</b>                         |             | -        |      |        |
| 2.1                          | TOM > 8 Hrs Week days (Monday - Friday) | 532         | Hour     |      |        |
| 2.2                          | Weekend Saturday > 8 Hrs                | 1610        | Hour     |      |        |
| 2.3                          | Weekend Sunday & PPH                    | 1610        | Hour     |      |        |
| <b>3</b>                     | <b>Shift Allowance</b>                  |             | -        |      |        |
| 3.1                          | Sat when 10 out of 14/ 5 out of 7       | 1610        | Hour     |      |        |
| 3.2                          | Sunday & PPH                            | 1610        | Hour     |      |        |
| 3.3                          | Night shift 18h00 - 06h00               | 1 000       | Hour     |      |        |
| <b>4</b>                     | <b>Labour rates</b>                     |             | -        |      |        |
| 4.1                          | Artisan                                 | provisional | Day      |      |        |
| 4.2                          | Skilled labour                          | provisional | Day      |      |        |
| 4.3                          | Unskilled labour                        | provisional | Day      |      |        |
| <b>5</b>                     | <b>Moving Machine</b>                   | 80 000      | Km       |      |        |
| <b>Total (VAT Exclusive)</b> |                                         |             | <b>R</b> |      |        |
| <b>VAT @ 15%</b>             |                                         |             | <b>R</b> |      |        |
| <b>Total (VAT Inclusive)</b> |                                         |             | <b>R</b> |      |        |

**Note : The pricing list above is expected to reflect the pricing offer for one Machine Work Package, where the Work Package represents one machine and all its associated services.**

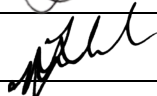
Stipulate the number of Ballast Regulating Machine Work Packages being bid for..... (enter number)

\_\_\_\_\_  
Bidder's Signature

## **Part C 3.1**

### ***Service Information by the Employer***

### ***Maintenance of Railway Track with Ballast Regulator: Countrywide for a Period of 84 Months***

|              | POSITION                              | NAME &<br>SURNAME | DATE       | SIGNATURE                                                                             |
|--------------|---------------------------------------|-------------------|------------|---------------------------------------------------------------------------------------|
| Compiled by: | <i>Contract Manager</i>               | Nozipho Hadebe    | 23/03/2022 |   |
| Reviewed by: | <i>Acting Senior Contract Manager</i> | Tenny Madiba      | 23/03/2022 |  |

#### **CONTENTS**

|                             | Page No. |
|-----------------------------|----------|
| 1. Definitions              | 2        |
| 2. Description of the Works | 4        |
| 3. Procurement              | 7        |
| 4. Engineering              | 7        |
| 5. Construction             | 7        |
| 6. Management               | 11       |
| 7. Health and Safety        | 19       |
| 8. Training                 | 23       |

## 1. DEFINITIONS

The following definitions shall apply in addition to those of the specification attached.

- 1.1 Free-on-Rail:** Free on rail implies allowing the *Contractor* to move an On Track machine from one track destination to another with no track usage cost levied on the *Contractor*. The *Employer* provides the right of passage and the pilot required, without cost and at times whereby such a passage and pilot can be made available by the *Employer*. Free-on-rail passage will normally be allowed for at the start of a contract to deliver a machine to the starting place of work and at the end of the contract to return a machine to the *Contractors* depot if required by the *Contractor*. Free-on-Rail movement of a machine during a contract for major workshop repairs required of a machine may only occur if specifically agreed to by the *Service Manager*. Such a move shall then occur during the *Contractors* time.
- 1.2 E7/1:** Specification for General Work and Works On, Over, Under, Or Adjacent to Railway Lines and Near High Voltage Equipment
- 1.3 OEM** refers to the Original Equipment Manufacturer of the Machinery
- 1.4 Service Manager.** The person or juristic person appointed by the Employer from time to time as the Service Manager, to administer the contract.
- 1.5 Supervisor.** Any person appointed by the Service Manager to deputise for him in supervising and carrying out the contract.
- 1.6 Machinery:** Means the on-track machinery provided complete with all fittings, accessories and ancillary equipment including trailers, caravans and spare parts, as may be required to comply with the requirements of the specifications
- 1.7 Normal Working Hours (NWH).** A continuous shift of 8 hours out of every 24 hours for 5 consecutive days out of every 7 days or for 10 consecutive days out of every 14 days. The *Supervisor* will determine the starting times, which may vary to suit seasonal changes or train time tables.
- 1.8 Maximum Occupation Time (TOM)** means the total occupation time granted by the *Employer* to the *Contractor* to execute the *services* as per the contract agreement.
- 1.9 Working time (Tw).** The time between the actual start and end times of an occupation, excluding time on the critical path of the day's relay operations lost which may be attributed by the Employer.
- 1.10 Overtime.** Means any time worked in excess of the hours of a normal working day and any time worked on Saturdays, Sundays and statutory public holidays in excess of 5 consecutive days out of 7-day period or in excess of 10 consecutive days out of 14-day period, all on the written instruction of, or as approved by the Service Manager.
- 1.11 Normal Shift Working** (not exceeding Normal Working Hours): Shifts (8 hours) worked on Saturdays, Sunday, or on Public Paid Holidays, up to Normal Working Hours.
- 1.12 Night Shift Working** (Occupation time between 18h00 to 06h00): Night Shift Working will apply to any part of any shift for which occupation time has been approved and happens to fall between 18h00 and 06h00 on any day of the week inclusive of Public Paid Holidays.
- 1.13 Double Shift Working:** A second shift of 8 hours within one particular 24 hour day.
- 1.14 Split Occupation:** means an occupation on any one-day, divided into 2 periods, the sum of which does not exceed 9 hours, with a 2 hour break in between and the total period not exceeding 11 hours. The 2 hour break may be changed to suit circumstances, provided the *Employer* and *Contractor* agree on the period.
- 1.15 Occupation:** The formal closure of the line to normal rail traffic for a specified period of time arranged in

accordance with Infrastructure Occupation Management System (IOMS) or any other system and implemented in accordance with the Protection Manual.

- 1.16 Total Occupation Time (To):** Means the period(s) between the announced commencement time of an occupation and the time when the machinery is secured at its staging point for the last time.
- 1.17 Shutdown:** Closure of a specific corridor once a year for limited period of time (e.g. 10 days) to perform a large volume of work. Shutdowns on various lines may be to varying degrees i.e. it may range from total shutdown perhaps requiring Double Shift Working where all normal train traffic on a line is suspended for the duration of the shutdown to a situation utilizing extended occupations with normal train operation windows in between. Some Shutdowns will be partial in the sense that while work is performed on one line and on one section of the line, normal train operations will proceed on adjacent line/s and adjacent sections of the same line.
- 1.18 Annual Holidays:** The annual break of a period of 15 working days minimum which shall normally be arranged for over the December holiday period i.e. mid-December to mid-January. *Transnet Freight Rail* may require the machine to be placed on standby during the same period. This will be pre-arranged at least a month before the start of the December crew off period as per the schedules. Payment for standby shall be paid against the standby item
- 1.19 Train Crossing Time (Tx):** means the time for the machine to wait for train crossings.
- 1.20 Travelling Time (Tt):** means the time for the machine to travel on track between work site and the staging site (or vice-versa), or between work sites, or to clear the section.
- 1.21 Movement Time (Tm):** The period required to move the machinery from work site to work site as a train, as part of or on a train. Moving time will commence at the announced time of departure and will end when the staging point at the new work site is reached. Periods of overnight stops when the machinery is traveling as a train, as part of or on a train will be excluded from moving time. Moving time will be included in occupation time for payment purposes.
- 1.22 Preparation Time (Tp):** The period between the actual commencement of the track occupation and the actual commencement of the work by the machinery. Preparation time excludes all periods of delay by *Transnet Freight Rail*.
- 1.23 Breakdown time (Tb):** means all periods during which any machine or any part of a machine is non-available.
- 1.24 Availability (A):** Means when required to do work, a machine is able to produce work to the standards specified.
- 1.25 Non-availability:** Means when required to do work, the machinery or the operation thereof is unsafe, or the machinery is not able to produce work to the standards specified, due to any reason other than a stoppage of work caused by *Transnet Freight Rail*.
- 1.26 Standing Time (Ts):** means the loss of Working Time (Tw) incurred by the Contractor due to reasons attributed to the Employer
- 1.27 Works:** The works to be carried out in terms of the Contract.
- 1.28 Track:** Means and includes plain track, restricted track, turnouts, ballasted bridges, ballasted tunnels, splice joints and all joint assemblies.
- 1.29 Restricted Track:** That portion of plain track where locking bars, guard rails and check rails are not removed prior to working or where dowty retarders and boosters are fitted.
- 1.30 Joint Assemblies:** Means all types of joints, including flash-butt and thermite welded, fishplate and block-joints.

- 1.31 Ballast:** Coarse angular shaped stones used to form the bed of a railway track
- 1.32 Regulate:** To place the correct quantity of ballast between and around the sleepers to form the required profile by profiling and/or brooming of the ballast
- 1.33 Profiling (Pr):** Forming of the ballast profile by means of adjustable ploughs
- 1.34 Brooming (Br):** Finishing off the top surface of the ballast profile to ensure that ballast does not protrude above the top of the sleepers

## **2. DESCRIPTION OF THE WORKS**

### **2.1 Overview**

This contract includes the maintenance of track by the *Contractor* with an on-track ballast regulating machine. The work shall include the provision of all on track machines required, the operation and maintenance of all equipment, the provision of all associated labour, supervision, road vehicles, ancillary tools and equipment, fuels, lubricants, spare parts and consumables and support required to achieve the output.

The *Contractor* shall supply, operate and maintain (SOM) the machine that is subject to the terms of the clauses, specifications and schedules embodied in the contract

### **2.2 General Machine Requirements**

- 2.2.1. The minimum requirements for this contract include one ballast regulator capable of correcting the ballast profile on open line to the required dimensions by:
- Profiling the shoulders only; and
  - Profiling the centre only; and
  - Profiling the shoulders and centre; and
  - Brooming the ballast so that the ballast profile does not protrude above the sleepers and the rail fastenings are clear of ballast. The Contractor shall qualify how this is to be achieved.

Additionally, the machine shall be capable of:

- Moving ballast from either side of the track to the other side; and
- Moving ballast from either side of the track to between the rails, or vice versa

Ballast regulating will be required on open lines, ballasted tunnels, ballasted bridges and loop lines

2.2.2. The following machine capacity is required:

| Machine and/or Type of Machine output required | Planned depot or area where machine is required to work  | Estimated Workload per year per machine (track km)* | Estimated Total Workload over 84 months per machine (track km)* |
|------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------|
| Ballast Regulator.                             | All depots country wide including neighbouring countries | Approximately 1200 finalised track km/ year         | Approximately 9 660 finalised track km/ 84 months               |

*\* Length of track regulated is not guaranteed production, i.e. the above workload is estimated for tender purposes only and is therefore not guaranteed by Transnet*

2.2.3. The *Contractor* shall give clear details of production rates (in sleepers per minute) offered in his tender referenced to all factors e.g. track curvature, gradient, weather (raining, cold and hot), rail temperature, ballast fouling, tunnels, platform and level crossings, that might have an influence on the production rates.

2.2.4. The rate of ballast regulating will be considered in the award of contracts. Track occupation time and total time required to execute the work load shall therefore be considered for the contract award and be monitored and managed throughout the duration of contracts.

2.2.5. More work than planned may be done per depot per machine per year, only if instructed so by the *Service Manager* and confirmed as allowable within the total value of the contract by the *Service Manager*.

2.2.6. The machine shall be designed and able to work under the following conditions:

- Fit within the vehicle gauge given in Annexure 2 of the Manual for Track Maintenance. Should any Machinery exceed the vehicle gauge in any respect, this shall be clearly indicated by the Tenderer by means of suitable drawings.
- Travel and work within the structure gauge given in Annexure 1 of the Manual for Track Maintenance, including open lines, lines in tunnels and along platforms.
- Track gauge: 1065 mm.
- Limited to a maximum of 20 tonnes per axle when fully loaded.
- Single lines or multiple lines with a minimum distance between track centre lines of 3,8m.
- Move over track self-propelled on an uphill gradient of 1 in 30, or flatter
- Capable of travelling free on level track at a minimum speed of 60km /h;
- Meet or exceed the minimum specified production rates while working self-propelled on uphill track gradient of 1 in 30, or flatter
- Move around curves of down to 85 m radius
- Work during ballast regulating on curves of a minimum radius of 125 m.
- Work on rail sizes from 40 kg/m to 60 kg/m (inclusive)
- Work on all types of sleepers in track: steel, wood or monolithic concrete
- Sleeper spacing of 500 mm to 750 mm (inclusive).
- Work site altitude range: 0 to 2000m above sea level.
- Work within rail temperature range: -10°C to + 60°C.
- The machine shall have power service brakes with independent operation to each axle capable of providing a minimum retardation on dry rail of 12.5% of gravitational acceleration at travelling speed.
- The machine shall be equipped with emergency brakes which function independent of the service brakes and which shall operate on at least one wheel-set and be capable of providing a minimum retardation on dry rail of 6.5% of gravitational acceleration at travelling speed.
- The machine shall be able to reliably and consistently actuate all colour light signals working on the principle of either track circuits or axle counters.

- The machine shall have an adequate lighting system for operation at night.
- The machine shall be fitted with two electric headlamps of at least 100W each and two red warning lights at each end of each machine.
- The machine shall be able to work safely under live OHTE (Electric Overhead track equipment) adhering to the Transnet OHTE safe working procedures
- The machine shall be able to operate and travel in rainy conditions and inclement weather.

2.2.7. The driver's cab of the machine shall be suitably protected against inclement weather and comfortably accommodate all necessary personnel and shall afford a clear unobstructed view of the track ahead for both the driver and the pilot, in both travel directions.

2.2.8. The contract shall include the provision of, and management of a suitable number of basic crew of qualified operators and supervisors as well as all skilled and unskilled labour to operate all machines safely in line with tendered production rates and within available occupation times.

2.2.9. The Ballast Regulator will also be required to work at night.

2.2.10. The *Contractor* shall provide the machine maintenance plan and schedule with his tender.

### 2.3 Location of the Works

2.3.1. The contract area will be all track owned, or maintained, by Transnet Freight Rail country wide, in addition to neighbouring countries.

2.3.2. The *Contractor* may be required to work in areas where varying degrees and types of security situations are prevailing such as may occur in remote rural areas through to densely populated metropolitan areas. The *Service Manager* reserves the right to deploy the machine wherever it is needed within the borders of Republic of South Africa and neighbouring countries.

2.3.3. The *Employer* shall compile the schedule of work for each Machine as per the workload issued as and when demand arises.

2.3.4. The deployment of the capacity of the machine and the priority of work site shall be determined by the *Employer*.

2.3.5. TFR will make available to the *Contractor* lines where the machine may be commissioned and tested. Work done during the commissioning or testing period is not eligible for payment under the Contract.

### 2.4 Commencement and Duration of Contract

2.4.1. The commencement date will only be finalised after acceptance of tenders. The Contract will therefore commence on the date stipulated in the acceptance letter. The *Contractor* shall be able to commence with the service within 12 months of contract award.

2.4.2. Bidders shall also qualify their offers stating how soon after the award of the contract they will be able to start with the work. This shall include the provision and operation of any other on-track machines or support equipment. Where equipment offered may only be available at a later date, the date at which this will be available shall be indicated clearly upon submission of tender.

2.4.3. The duration of this contract is eight-four (84) months. The expiry date will therefore depend on the starting date of each part. The work output required shall depend on *Site* conditions and is expected to be carried out over the full duration of the contract period of eight-four (84) months. The *Contractor* shall Supply, Operate and Maintain the machine.

2.4.4. The Contract can be terminated by mutual agreement should technical or safety problems become evident

during the execution of the works.

### 3. PROCUREMENT

#### 3.1 Subcontracting

No part of the contract may be sub-contracted in any way without written approval from Transnet Freight Rail (TFR).

### 4. ENGINEERING

**4.1** It is a specific requirement of this Contract that all wagons for use with the machine, including any modifications, shall be pre-approved at the design stage by TFR Train Design Department.

**4.2** During commissioning and before putting any wagons into service, these shall be finally approved by TFR Train Design Department as being "Rail Worthy".

**4.3** It is also a specific requirement that all wagons for use with the machine, including any modifications, shall comply with the requirements of the Rail Safety Regulator (RSR).

**4.4** The Employer will test all on-track machines regularly for rail-worthiness before being permitted onto operational tracks. The Employer's approval in this regard shall under no circumstances mean to imply that the *Contractor* is released from his liability and/or responsibility for ensuring that all machinery is operationally safe and rail-worthy. The *Contractor* shall remain ultimately responsible for the safety and condition of his machines and equipment. These tests will include:

- Regular testing of braking efficiency. The minimum required braking is measured by Tarpley meter, for the service and emergency brakes respectively. Brake testing shall also include for checking for pressure loss on brake cylinders and circuits, wear and setting of brake shoes;
- Maximum wheel-tread and rim wear, distance between wheel-flanges and ultrasonic testing for flaws in running axles all measured for compliance with the standards of the *Employer*;
- Speedometer, sirens, drawbars and mechanical locks on hydraulic components to function properly.

**4.5** A Technical and Safety audit of the Machinery shall be done bi-annually, and the report must be sent to *Service Manager*

**4.6** Should a joint inspection of the Machinery by representatives of the *Employer* and the *Contractor* reveal that any on-track machine or wagon is not in a safe working condition, the *Service Manager* may order the temporary withdrawal of the machine from the service.

### 5. CONSTRUCTION

#### 5.1 Works Specifications

The following additional specifications shall apply:

- TFR Trains Working Rules
- TFR Protection Manual
- TFR Electrical Safety Instructions
- TFR Infrastructure Safety Guidelines.
- E10: Specification for Railway Trackwork.
- E4B (November 1996): Minimum Communal Health Requirements in areas outside the jurisdiction of Local Authority

- E4E SHE Specification for Contractors
- Addendum No 1 to Specification E7/1 (May 2011)
- Specification E7/1 (May 2011): Specification for works on, over, under or adjacent to railway lines and near high voltage
- Manual for Track Maintenance
- Track Welding Manual
- SANS 1921-1-2004 Part 1

## 5.2 Plant and Materials

- 5.2.1. The *Employer* shall supply Transnet Freight Rail will provide all perway material.
- 5.2.2. The *Employer* shall supply and control all flags and detonators for protection of the work sites.
- 5.2.3. Should plant or material be lost or damaged by the *Contractor*, the value of the plant or material plus the cost of transport, including re-railing at the normal tariffs applicable to the public, will be deducted from any moneys payable to the *Contractor*.

## 5.3 Construction Equipment

The *Contractor* shall in addition to what is stipulated in this Service Information, provide the following facilities and support:

- 5.3.1. Lighting of the Work Site
- The *Contractor* shall provide lighting on and with a machine should the machine be required to work at night. Where a machine is required to work at night, the *Contractor* will be required to provide lighting for the support labour required to work with the machine. This will apply to all workplaces in tunnels and other work places where work is to be taking place during hours between 18:00 and 06:00. The *Employer* will notify the *Contractor* at least one week prior to lighting arrangements needing to be made. The lighting shall be of intensity and spread to satisfy safe work and efficiency requirements.
- 5.3.2. All tools/equipment, perway, small plant, earthworks plant, cranes, lifting equipment and vehicles of every description necessary for the execution of the works shall be supplied by the *Contractor* complete with fuel, spares, maintenance, competent operators and legally compliant with all applicable safety legislation. All ancillary and associated equipment together with all transport, accommodations, fuel, lubricants, spare parts for maintenance and repairs and consumables and any other resources necessary for the complete and effective and safe functioning of all Machinery shall be included in this contract to consistently and sustainably operate the machine safely in line with tendered production rates and within available occupation times.

## 5.4 Quality Assurance

- 5.4.1. All processes for the manufacture and assembly of the product components must be subjected to a Quality Assurance System (Spare parts and Equipment's).
- 5.4.2. The *Contractor* will assume full responsibility for assuring that the products purchased, meet the requirements of Transnet for function and performance, including purchased products from sub-contractor.
- 5.4.3. The onus is on the manufacturer to prove the effectiveness of their system to Transnet.
- 5.4.4. The manufacturer must provide a description of the system employed to ensure that the above requirements will be met. The following must accompany the description:
- An organizational structure diagram highlighting the quality assurance function.
  - All inspection sheets and checklists in use.
  - The manufacturer must give detailed clarification regarding the quality assurance system when required.
  - The manufacturer must allow Transnet officials to carry out random audits of the system, without any prior warning.
  - The *Contractor* must ensure accessibility to all sub-*Contractors* for audit purposes.

## 5.5 Labour

- 5.5.1. The Labour, supervision and vehicle, normally required to do the work must be listed in the "Schedule of labour and plant." The labour shall be provided with the necessary hand tools such as measuring equipment, pionjars, beaters, forks, spanners, bars and levers for sleeper clip and spring fastenings. The cost of this labour listed in this schedule shall be included in the machine hire rates tendered. This labour shall be utilised fully for all work related to the items listed above.
- 5.5.2. Where the volume of work required, exceeds that what can reasonably be done by the labour listed in the schedule, the Service Manager may request the *Contractor* to provide additional labour and / or supervision and transport for the execution of the additional preparation work. Additional supervision and transport will only be requested where the additional labour exceeds three men. This additional labour shall also be provided with the necessary hand tools such as measuring equipment, beaters, forks, spanners, bars and levers for sleeper clip and spring fastenings. This will be dealt with as a compensation event.

## 5.6 Storage and Transport of Dangerous Substances

- 5.6.1. The *Contractor* shall provide such safe storage facilities as might be required by law for dangerous or flammable substances and/or equipment.
- 5.6.2. The *Contractor* shall comply with all legal requirements with regard to the transport of such dangerous substances and or equipment.
- 5.6.3. Suitable, adequate and functional firefighting equipment shall be available at all times for the duration of the contract, provided by the *Contractor* at his cost. Competent and trained people shall be appointed and be available to operate such equipment in case of fire.

## 5.7 Existing Services

- 5.7.1. The *Contractor* shall take note of all OHTE equipment, red and other electrical bonds on the work Site and shall not interfere, damage or work on them unless under direct supervision of a designated and competent Transnet Freight Rail (TFR) Electrical Officer.
- 5.7.2. The *Contractor* shall take note of all signalling equipment on the work Site e.g. signals, signal cables, block joints, signal bonds, axle counters, hotbox detectors etc and shall not interfere, damage or work on them unless under direct supervision of designated and competent Transnet Freight Rail (TFR) signal technicians.
- 5.7.3. Should the *Contractor* damage the track or any visible equipment, the *Supervisor* may arrange to rectify such defects. Costs will be recovered from the *Contractor*

## 5.8 Site Access

- 5.8.1. All *Contractor's* personnel shall be inducted before any works commence. Site access certificates will only be issued after all inductions have taken place.
- 5.8.2. Site access will be denied to the *Contractor* should the site access certificate not be issued.

## 5.9 Site Establishment

- 5.9.1. Subject only to the discretion of the Depot Engineering Manager responsible for the area, yard lines within the railway reserve may be made available to the *Contractor* for staging the wagons making up the consist of the machine.
- 5.9.2. Subject only to the discretion of the *Employer's* Depot Engineering Manager, areas within the railway reserve may be made available to the *Contractor* for accommodation, offices/workshops or stores. Where not allowed, the *Contractor* shall make his own arrangements elsewhere, at the expense of the *Contractor*.
- 5.9.3. If the *Contractor* is allowed by the *Employer's* Depot Engineering Manager to utilize areas within railway reserve for his purposes of whatever nature, it shall be noted that normally electrical, water supply and sanitation will not be available. The *Contractor* shall be required to make his own provisions for electrical, water supply and sanitation. Additionally, the *Contractor* shall comply with Environmental Health and Safety legislation when utilizing areas within railway reserve. On vacating the site, the site shall be cleared up and re-instated to the acceptance of the *Employer's* Depot Engineering Manager.
- 5.9.4. Security of the *Contractor's* property, equipment, materials, vehicles and workforce shall at all times during the course of the contract be his sole responsibility. No claims will be entertained by Transnet Freight Rail (TFR) in this regard. Should the machinery be vandalised, the *Contractor* will bear all the cost for fixing the damages.
- 5.9.5. The *Contractor* shall be required for each work Site to have available for his work force suitable sanitation in accordance with the Act 85 Regulations.
- 5.9.6. On some lines or for some yards of Transnet Freight Rail (TFR), the *Contractor's* staff will be required to obtain security permits from Transnet Freight Rail (TFR) before being allowed to work there. These permits will be issued free of charge.
- 5.9.7. The *Contractor* shall note that not all the sites will be accessible via a service road in some instances. The *Contractor* shall make sure that all the refuelling must be done at the staging area..

## **6. MANAGEMENT**

### **6.1. Management Meetings**

- 6.1.1. Project management meeting must be conducted once every month for the duration of the contract by the *Service Manager* and *Contractor* who must attend these meetings. Project progress and program (revision) must be discussed in these meeting. This meeting shall be for the purpose of discussing machinery moves, actual progress versus construction program, delays, service information, etc.
- 6.1.2. Operations planning meetings must be done every scheduled day and on Site. The *Contractor*, *Employer* representative (typically the foreman) and all other supporting staff of both *Contractor* and *Employer* must be part of these meetings. Safety, risk and environmental matters need to be addressed in these meeting. All these will do prior the operation for that particular scheduled day.
- 6.1.3. Payment meeting must be conducted once every month for the duration of the Contract. Both the *Service Manager* and the *Contractor* must be represented in these meeting. This activity must be done before the 10<sup>th</sup> of every month, payment submission and assessment must be done according to NEC3 Terms Service Contract (TSC3).
- 6.1.4. Site meetings: The *Contractor* shall attend meetings as scheduled by the *Service Manager* and such meetings shall be for the purpose of discussing daily challenges experienced with the machine and operational issues.
- 6.1.5. The *Service Manager* may call ad-hoc meetings any time during the contract period.

### **6.2. Planning**

- 6.2.1. The following will be determined and recorded jointly by the *Service Manager* and the *Contractor* at a monthly site meeting, scheduled to suit both parties:
  - The previous month's production and quantities for payment purposes.
  - The next month's detailed program and the necessary inspections required.
  - Occupations.
- 6.2.2. The weekly progress and revisions to the monthly program will be determined by the *Service Manager* and the *Contractor's* representative at a weekly site meeting. Decisions made will be recorded in a designated site book provided by the *Contractor*. The weekly site meeting will be held during occupation time, but must not interfere with working time (Tw).
- 6.2.3. As part of the planning process the *Contractor* needs to take into account that he will be required to do pre-inspections for the sections where his machine will be deployed, for the purpose of determining the extent of profiling required by means of a programme. This will be done in conjunction with the depot and sent to the *Service Manager* for approval. This should be done a month prior to the work being carried out. This will be deemed to be included in the tendered rates and no separate payment shall be entertained by *Transnet Freight Rail*.
- 6.2.4. The *Contractor* and the *Supervisor* shall notify each other in writing of the names of their representatives who will be present during track occupations. These as well as any changes in personnel shall be recorded I the work book

### **6.3. Site Records**

- 6.3.1. A Site Instruction Book with triplicate pages shall be provided by the *Contractor*. The format for written communication on Site shall be the Site Instruction Book. A new page shall be used for each Site Instruction.

Site Instructions shall be deemed to have been noted by the other party at the end of each work day. For this purpose the Site Instruction Book shall be checked and new Site Instructions signed-off by both Transnet Freight Rail (TFR) and the *Contractor* at the end of each work day.

6.3.2. A Site Diary with triplicate pages shall be provided by the *Contractor* and be available on site at all times. The number of staff and plant on site for every day shall be recorded. The hours of actual work and the accurate amount of work measured per item as in the Schedule of Quantities completed for each day shall also be recorded and signed off by both by the *Employer* and the *Contractor* at the end of each day. The *Contractor* shall record following in the Site dairy:

- Occupation and Working time
- Details of performance of the machines as well as the length of track regulated per day per track category.
- An accurate recording of all material received or purchased.
- Details of plant, machinery and labour on Site, clearly indicating the staff used to perform various different functions.
- Minutes of the Site meetings.
- The Site diary shall be signed on a daily basis by both parties.
- Information shall be reported as per the daily report, emailed electronically including train crossing numbers and minutes delayed, the following day before 08h30.

6.3.3. The information in the Site Diary shall be identical to the report generated by the machine. The *Employer* shall provide a template and it shall be the source document for monthly payment certificates.

6.3.4. The daily report e.g. travel to site, work time, and travel return to staging sites times as well as production figures shall always be recorded and submitted to the *Supervisor* and Service Manager daily every morning for the previous day's occupation by email at 08:00.

6.3.5. A Transnet Freight Rail (TFR) Track Inspector shall on completion of each project inspect and measure for purposes of verifying quality for payment purposes. A formal handing over of the completed project shall be signed off by the *Supervisor*, for the project to be eligible for payment.

6.3.6. The operator of the Machine will be considered the first line contact person for the *Contractor*. An all-hours contact number must however still be provided where the *Contractor* may be reached in case of an emergency if the operator is not accessible.

#### **6.4. Contractor's Documentation**

The *Contractor* shall maintain the following documentation on a regular basis:

6.4.1. A complete maintenance manual and spare parts list must be available on the machine.

6.4.2. The *Contractor* shall supply the Service Manager with maintenance plans and submit monthly maintenance reports.

6.4.3. A complete operator's instruction manual must be available on the machine.

6.4.4. A complete machine safety and risk file must be available on the machine.

6.4.5. A visitor registration book must be available on the machine.

## 6.5. Occupations

- 6.5.1. Although not guaranteed, the *Employer* will realistically arrange occupations according to the approved programme of typically 8 hours for any one occupation.
- 6.5.2. Travel time from the staging site to the work site and back to staging site will be included in the Occupation Time (To).
- 6.5.3. During the occupation the line will be closed to normal rail traffic over the section on which the *Contractor* is working. Protection of the site shall be as per the protection manual under direct control and supervision of the *Employer* Platelayer/Track Inspector.
- 6.5.4. The *Contractor* shall control and be responsible for the movements of all plant including that of the *Employer*, within the confines of the area of the occupation. At all times, the movement of plant will be undertaken as laid down by the *Supervisor*.
- 6.5.5. The *Contractor* shall however allow that:
- Before midday during any shift the commencement time and duration of the following occupation will be advised in writing.
  - Occupations may commence at any hour of the day or night and on any day of the week. The *Employer* requires that all the on-track machines may work double shifts and therefore the *Contractor* is expected to price his tender based on similar requirement. The double shift will be paid against the tendered items.
- 6.5.6. The *Supervisor* shall make necessary arrangements to move the machine by rail from staging site to work site and back and work site to another work site. Major moves shall be planned by the Service Manager and a minimum of 14 days shall be given to the *Contractor* prior any move.
- 6.5.7. Any adjacent track will run normal train services at normal section speed. The *Contractor* will be required to apply his Safety Procedure in order to safeguard his employees against the danger of normal rail traffic passing close by on the adjacent line.
- 6.5.8. Occupations shall be called for on any day of the week or month of the year.
- 6.5.9. The Contract shall allow in his tender for the normal builder's break from middle December to 2nd week in January every year with the specific provision that in the case of an emergency the process may be called from leave during the builder's break to do work.

TFR shall notify the *Contractor*, 1 month prior to *Contractor's* Annual Holidays, of the requirement of standby staff for emergency work during *Contractors* Annual Holidays.

When required, the *Contractor* shall supply standby staff (fitter, operator and plant assistant) for emergency work.

The *Contractor* shall supply 2 contact phone numbers for emergency call out purposes (the standby staff shall be available 24 hours a day, 7 days a week)

The call out reaction time shall not exceed 24 hours from time of the call out to the time the machine is at staging point. Consideration must be given in respect of the standby staff getting sufficient rest before commencing work.

The *Contractor* shall make the necessary arrangements for accommodation and food of standby staff and all costs shall be included in the rates tendered.

- 6.5.10. The *Contractor's* Track Master/Track Inspector shall take full charge of the *Contractor's* resources on the work Site. An employee/agent appointed by the *Contractor*, will not act as, or be allowed to take on any responsibility of *TFR* Track Master/ Track Inspector. The function of the *TFR* Track Master/ Track Inspector is restricted to competent *Transnet Freight Rail* (*TFR*) employees only

6.5.11. The *TFR Track Master/ Track Inspector* shall be a competent *Transnet Freight Rail (TFR)* employee, reporting to the *Transnet Freight Rail (TFR)* Depot Engineering Manager. This *TFR Track Master/ Track Inspector* shall be responsible for the following on a work *Site*:

- Taking occupations
- Placing and controlling the flagmen
- Declaring the track safe for the passage of trains
- Cancelling the occupation and recalling the flagmen
- Communication with train traffic control with regard to occupation matters.
- The issue and control of all flags and detonators

6.5.12. The *Contractor* shall provide and maintain his own communication systems, including walkie-talkie radio transceivers, cell phone communication, plus public announcement system. These systems shall comply with any South African legislation as well as the *Employer* rules for walkie-talkie radio communication. All systems shall be approved by the *Employer*.

6.5.13. The *Contractor* shall provide a cell phone with a minimum airtime of 500 minutes per month to the worksite for the exclusive use of the *Employer* for logistical and operational arrangements. Should the airtime be exceeded during any month, the *Employer* will reimburse the *Contractor* subject to authentic proof being submitted by the *Contractor*.

## 6.6. Protection

6.6.1. The method of work shall be such that work may proceed either under “total occupation” or “between trains occupation” and shall at all times comply with *Transnet Freight Rail (TFR)* Specification E7/1

6.6.2. Normal protection measures in accordance with the *Transnet Freight Rail (TFR)* Train Working Rules shall apply

6.6.3. All protection arrangements shall at all times remain under the supervision and responsibility of a *Transnet Freight Rail (TFR)* Track Master/ Track Inspector.

6.6.4. The *Contractor* shall supply at least two flagmen per work *Site* for protection duties. The cost for these flagmen will be deemed included in the rates tendered and no separate payment shall be made. The *Contractor* will be required to supply six of his employees to be trained and certificated in performance of protection duties.

6.6.5. The *Contractor* shall appoint at each work *Site* a person whose sole task shall be to be on the lookout for approaching rail traffic. This employee shall operate an audible warning device to timeously warn all people on the work *Site* of approaching rail traffic.

6.6.6. The *Contractor* shall not allow any persons on the work *Site* to venture within the structure gauge when this warning procedure is not operating effectively.

6.6.7. The warning device shall be such that its sound can be clearly and effectively heard above the noise on the work *Site* by all personnel within a radius of 100m around the centre of each work *Site*. The cost to the *Contractor* of providing the lookout as well as the warning device shall be deemed to be included in the rates tendered and no separate payment shall be made.

6.6.8. An effective safety procedure to be followed by all personnel on any work *Site* in the case of approaching rail traffic on adjacent lines shall be compiled by the *Contractor* and implemented before any work commences. This procedure shall be updated whenever the need arises and any changes shall be communicated to all employees on a *works Site* before work proceeds.

6.6.9. *Transnet Freight Rail (TFR)* shall make available a Track Master to be in charge of the protection arrangements on *Site* and to declare the track safe for the passage of trains during the work and on completion of work. He may use flagmen provided either by *Transnet Freight Rail (TFR)* or the *Contractor*.

## **6.7. Traction and Signal Bonds**

6.7.1. Should bonds or cables not have been removed in time, ballast ploughs shall be lifted over bonds or cables.

6.7.2. Where any bonds or cables are damaged or broken by the ballast regulator for any reason, The *Contractor* shall repair at his cost all bonds or cables during the occupation. All bonding shall be completed during the period of the occupation.

6.7.3. Bonding shall be performed by a bonder qualified to the *Employer's* standard manual for "Earthing and Bonding for 3kV DC, 25kV and 50kV AC bonding" B\_023 Issue 3 and B\_028 Issue and subsequent instructions which includes the steel wire standard in lieu of existing copper bonds, and the expanded collar fastening system. The cables shall be correctly buried in the ballast as per instruction.

6.7.4. The technician or trade hand used to do the bond repairs (referred to as the "bonder") shall be properly trained and shall ensure that only those bonds which he is allowed to work on, be repaired by him. Certain bonds and damaged cables (Signalling and Electrical (Red bonds)), may only be repaired by a Transnet Freight Rail technician.

6.7.5. The equipment required for the bonder to repair damaged bonds, shall consist of drill, reamers and huck-bolt machine where required or as well as other bonding system used by TFR.

6.7.6. The *Employer* shall supply all the material required for repairing of broken bonds and cables on a one-to-one exchange basis (used material for new material).

6.7.7. If holes are required for bonds, a rail drill shall either be supplied by the *Employer* or the holes shall be drilled by *Employer*.

6.7.8. Where cables are required to be cut, the cut cable shall be cut to the correct lengths and the crimping of lugs onto cables shall be done by the *Contractor*. No splices will be allowed in bonding cables.

6.7.9. Track feeder bonds (painted red), which may only be worked upon under supervision of a Competent Electrical Officer.

6.7.10. Signalling bonds may not be removed without the consent of the *Employer* or the authorised *Employer's* Signalling representative. Where signalling bonds need to be removed that shall be done by the *Contractor*. Where signalling bonds are damaged or removed, the *Contractor* shall provide the support labour to re institute the bonds. The *Employer* will however be responsible to ensure the correct method of re-connection so as to ensure the correct functioning of the signalling system.

6.7.11. The *Supervisor* will check the condition of the bonds/cables at the end of each occupation, and should the condition or quality of weld not be acceptable, repairs shall be carried out at the expense of the *Contractor*.

6.7.12. Transnet Freight Rail shall immediately be informed of any damaged bonds. The *Contractor* shall therefore report daily to the *Supervisor*, the mast pole number and location of all bonds / cables damaged or broken off during regulating. This shall be followed up in writing in the duplicate site dairy book at the end of each day's shift.

6.7.13. This Contract shall include the making up and installation of all electrical bonds. The Contractor shall be responsible for making up and installation of all bonds under supervision of the Maintenance Manager (Electrical) or authorized representative.

6.7.14. The *Employer* shall supply all bonding consumables (excluding drilling bits) such as cable, cups and fasteners etc in bulk format.

## 6.8. Track Lubricators

The *Contractor* shall remove all track lubricators (“greasepots”) in front of the machine and replace these after work is completed. The *Employer* will be responsible for adjustment of the lubricators after replaced by the *Contractor*.

## 6.9. Stoppages

6.9.1. Temporary stoppage, which may result from a non-continuous flow of the work, as and when required and shall be allowed for in the tendered rate.

6.9.2. TFR will advise the *Contractor* of any temporary stoppage in the work, 7 days’ notice will be given of such an impending stoppage. Seven days (7 days) notice will also be given to commence work when the Machinery was standing due to a temporary stoppage.

6.9.3. No Payment for De-establishing from *Site* when temporary stoppage begin as well as Re-establishment on commencing of the work after a temporary stoppage will be made.

6.9.4. The *Contractor* shall allow that weather conditions may adversely affect his rate of progress and plan his progress as well as plant and labour capacity accordingly.

6.9.5. Should rain or snow falling during the period of occupation, make it impossible for the *Contractor* to make use of such occupation no claims for Standing Time will be entertained by *TFR*.

6.9.6. The *Contractor* shall not claim any Standing Time against *Employer* for any force majeure and no penalties shall be imposed by the *Employer* to the *Contractor* for the same.

6.9.7. From time to time, the *Contractor* may experience delays due to the *Employer* related to occupations, and this shall be included in the tendered rates.

## 6.10. Recording of Activity Times

6.10.1. The mutually agreed time the machine shall be available at its staging point, shall be the start of the occupation time (To) for the task order, therefore arriving late shall be deemed as breakdown time (Tb).

6.10.2. During the work activity the productivity, availability and utilization of the machine shall be recorded.

6.10.3. The time shall continuously be recorded for all work performed. The following types of time activity shall continuously be recorded so as to clearly define what time is available for working.

To = Total Occupation time for the day.

Ts = Standing time because of *Employer* reasons, not related to any fault of the *Contractor*.

Tx = Standing time due to Train crossing time

Tt = Travel time from staging site to work site and back to staging site or to clear the section.

Tm = Time allowed to move from one staging area to another when machine is required to move to new depot

or area.

Tp = Time required to for preparation of track to allow working. (Only preparation that is purely related to machine on site that could not be phased apart from machine can be recorded for this purpose. This item may not be used for any problem related to the machine or staff inefficiency)

Tb = Breakdown of machine

Daily production report must be e-mailed to the *Service Manager* at 08:00 am in the morning of the next day after each shift, and must be in excel format.

Tw = Working time (As specified below)

Where: (Totals for the month)

- Twpro1 = Time spent on profiling the shoulders only
- Twpro2 = Time spent on profiling the centre
- Twpro3 = Time spent on profiling the shoulders and centre
- Twbr = Time spent on brooming if not done simultaneously with profiling
- The accepted total lengths of track profiled and or broomed
- A productivity factor, P shall be calculated to continuously monitor whether the machine consistently produces at the rates of production tendered.

a) PRODUCTIVITY

The productivity factor of the machine shall be calculated as follows to monitor the actual production of the machine against the tendered production rate. Should the machine not meet the required productivity, Transnet reserves the right to multiply payment item 2 with the productivity factor, the productivity factor shall not be greater than 1.

$$\text{Productivity factor} = \frac{\text{Actual rate}}{\text{Tendered rate}}$$
$$\text{Where Actual rate} = \frac{\text{final km3 regulated}}{(\text{Tw} + \text{Tb}) \text{hrs.}}$$

Final km3 = accepted portion of track profiled and broomed in accordance with Transnet Freight Rail Specifications.

(Final Km3 regulated refers to a km of track that has been profiled on both sides of the track as well as the centre of the track and the track has been broomed as well).

If only one of these three profiling functions is required on the track, then the total distance profiled will be divided by 3 to calculate the final Km regulated i.e.  $\{(km1 + km2 + km3)/3\}$

b) AVAILABILITY

The availability factor (A) of the machine shall be calculated as follows for purposes of monitoring the production rate with the tendered rate.

$$\text{Availability A} = \frac{\text{To} - \text{Tb}}{\text{To}}$$

Where To and Tb are the totals for the month.

c) UTILIZATION

The utilization for the machine shall be calculated as follows:

$$\text{Utilization U} = \frac{\text{Tw} - \text{Tb}}{\text{To}}$$

6.10.4. The tendered nominal production rate shall be maintained over a calendar month.

6.10.5. The machine will always be required to produce the required standard of work required at full production rate.

6.10.6. All parts of the ballast regulator shall be available and operational at all times. If for any reason any part of the ballast regulator (i.e. plough/s or broom/s) is not available or is not performing satisfactorily, the ballast regulator will be stopped entirely by the *Supervisor*. The non-availability will therefore be measured as Tb of the entire ballast regulator.

6.10.7. All Tb shall be recorded at all times.

6.10.8. Where the machine or any part of the machine becomes unreliable and continues breaking down and results in train delays or occupations having been taken with insufficient production, the Service Manager may decide on placing a machine on breakdown until such time that the *Contractor* can prove that the machine can be consistently available.

## **6.11. Provision of Electronic Production Report to the *Employer*.**

- 6.11.1. The *Contractor* shall provide the *Employer* with the daily production statistics of the work.
- 6.11.2. The production report shall be in an agreed on format providing the following basic type of information:
- a) To, Tw, Tt, Ts, Tb, etc. of each machine applicable.
  - b) Length of work completed for the day.
  - c) Start & final km regulated and GPS coordinates with the length and description of the rail line.
  - d) Reasons / comments on production shortfall including minutes per reason.
  - e) Train numbers and minutes delays per train number.
  - f) CTC names and CTC panel member details.
  - g) Graphical presentation of data as and where agreed on.
- 6.11.3. The report shall be e-mailed daily to the *Service Manager*, *Supervisor* and nominated *Employer's* representatives on or before 08h00 am on the morning of the following day.
- 6.11.4. Where problems exist of actually transmitting the data, the *Contractor* shall state what measures shall be taken to ensure transmission of data as soon as possible.
- 6.11.5. All data shall be summarised per week and then per month. Data may be used as a preliminary indication of payment but shall not be used specifically for payment purposes. Final payment data shall be dealt with as specified elsewhere.

## **6.12. Standards of Workmanship and Accuracy**

- 6.12.1. Standards for acceptance of track shall be in accordance with the Manual for Track Maintenance and as stipulated in Appendices A & B.
- 6.12.2. Measurements shall be taken by the *Contractor* as indicated in Appendices A & B and as described below, once the *Contractor* is ready to hand over the track. Labour for these measurements must be included as part of the compulsory support of the machine and not extra labour.
- 6.12.3. Ballast profiles will be measured by means of a ballast profile template and tape, as shown in Appendix A. Such a template shall be provided by the *Contractor* and be on the machine at all times.
- 6.12.4. Measurements shall be done manually and/or electronically before the passage of the first train.
- 6.12.5. Should a measurement point be within 5 m from a discrete obstruction that prevented the machine from effectively regulating to the required ballast profile, an alternate measurement may be taken within 10 m from the related obstruction.
- 6.12.6. Should a measurement point be at a location where insufficient ballast prevented the machine from effectively regulating to the required ballast profile, an alternate measurement may be taken within 10 m from the related location.
- 6.12.7. No ballast shall remain beyond the toe of the ballast profile, such that the depth of ballast stones remaining is more than 60 mm. This will not be applicable where there is ballast infill between multiple tracks.
- 6.12.8. Excess ballast should be placed on the shoulders of the cross sectional profile. The ballast profile shall be formed to provide maximum protection against kick-outs. All available ballast shall be utilized to form part of the ballast profile. For curved track, excess ballast shall be placed and formed on the shoulder of the high leg.
- 6.12.9. Where there is insufficient ballast, the *Contractor* shall prioritize placement of ballast on the shoulders to

safeguard against kick-out of track.

6.12.10. All ballast and dirt accidentally spilt by the regulator shall be removed from drains, (concrete lined or earth) by the *Contractor* at his expense. This excludes ballast and dirt that fouled the drains before start of work on the section.

6.12.11. When the *Supervisor* specifies a different ballast profile, similar tolerances to that shown in Appendices A and B will apply as standards

### **6.13. Testing, Completion and Correction of Defects and Evaluation of Machine Performance**

6.13.1. The *Contractor* is responsible for achieving the required standards.

6.13.2. Machine performance will be evaluated by measurement of the ballast profile behind the machine operation. Defective machine performance is indicated by a measurement that fails to meet the specified standard i.e. a "failed measurement".

6.13.3. The performance of the machine will be acceptable if the number of failed measurements does not exceed the specified number shown in Appendix A. Plain track and restricted track will for this purpose be divided into 500 m sections.

6.13.4. If a 500m section is not complete in that certain portions cannot be regulated at all (for example, if a turnout or non-ballasted tunnel or bridge occurs within the 500 m section), the tolerance will be reduced proportionally.

6.13.5. The *Supervisor* will decide, if re-working shall be done in case of non-conformance.

6.13.6. In all instances where re-working is required, the working time will not be added to the monthly total of Tw, for the duration of such re-working.

6.13.7. The tachograph will be marked by the *Supervisor's* deputy to indicate where re-working was done.

6.13.8. The machine must have technology capable of sending performance of a To day by e-mail to the Contracts Manager as soon as it has been verified and accepted by Transnet Freight Rail Representative on site.

6.13.9. In case of non-compliance with the standards of workmanship and accuracy the ballast shall be regulated until the standards are achieved. The Service Manager will give the *Contractor* a written instruction to this effect, which will include the relevant measurement results.

## **7. HEALTH AND SAFETY 7.1. General**

7.1.1. The *Contractor* shall comply with all applicable legislation as well as Transnet Safety requirements. The cost for such compliance shall be borne by the *Contractor* and shall be deemed to have been allowed for in the rates and prices of the Contract. Specifically important in this regard is compliance with:

- TFR Safety Guidelines for Infrastructure (Latest Edition).
- The Compensation for Occupational Injuries and Diseases Act (Act 130 of 1993).
- The Occupational Health and Safety Act (Act 85 of 1993).
- TFR Specification E.4E, SHE Specification for Contractors
- Basic Conditions of Employment Act as well as all other relevant labour legislation.
- TFR Specification for Work on, under or adjacent to Railway Lines and near high Voltage Equipment – E7/1.

7.1.2. The *Contractor* shall also comply with all other safety requirements, regulations and guidelines of Transnet

applicable to the nature of work carried out under the Contract and shall obtain the particulars thereof from the Service Manager.

- 7.1.3. A formal risk assessment on the machine process has been conducted by TFR and the under mentioned safety critical risks have been identified. The *Contractor* shall conduct his own formal risk assessment on the machine offered by him and add any additional risks identified by him, to this list.
- 7.1.4. The *Contractor* is required to prepare and submit with his tender a comprehensive safety case in accordance with the requirements of Act 85 and the Construction Regulations.

## 7.2. Safety Critical Risks

- 7.2.1. The *Contractor* shall specify in his safety case the list of all risks identified by TFR together with any additional risks identified by his own risk assessment and indicated specific rules, processes, methods and designs of how he intend to mitigate these risks should he be awarded the contract.

- 7.2.2. Safety Critical Risks identified by TFR for the contract are:

- Cancellation of track occupations or restriction of occupations to not achieve work days required to achieve planned work load.
- Increase in traffic might result in considerable pressure to reduce occupation time to allow execution of work load.
- Adverse weather conditions such as rain, mist are a threat to achieving planned production,
- Track sections with replaced rail not removed adjacent to track are a threat to both safety of required to work and a threat to achieving planned production. Similarly, track sections where rail replacement is planned to be carried out and replacement rails are lying adjacent to track; such will pose the same kind of threat as mention in this clause above.
- Since the Regulator will often work away from any major depot, the quality of maintenance, and safety must at all times be very high to ensure a good production and safe working of the machine.
- Co-ordination of the daily works between the *Contractor* and TFR must be in co-operation with the TFR Track Inspector in charge of the occupation as this is very important and critical. This contract hierarchy of working must be adhered to at all times to ensure a managed risk and reduce any threat of misunderstanding or operation.
- Work on or near live OHTE lines and equipment holds a severe risk of electrocution of workers.
- Working between trains and adjacent to lines on which rail traffic will continue while working holds a risk of injury or death to workers adjacent to the machine.
- Track equipment such as axle counters, lubricators, level crossings and all other wayside equipment that can hinder or interfere with continuous regulator production, are a threat to production.
- Exhaust fumes from the regulator's engine may contaminate the air with levels of Co2 when working in tunnels. Ineffective tunnel ventilation shafts may further compound this problem.
- In tunnels lack of communication may prevail due to reduced or poor cellphone/ two-way radio reception. Increased noise levels may also contribute towards poor communication within tunnels.
- Due to the inherent lack of working space, movement within the tunnels may be restricted. *Contractor's* staff must familiarise themselves with the distances and number of refuge bays located within the confinements of the tunnel for their safety.
- The reaction time for emergency personnel may be considerably hindered when working in a tunnel environment.
- Inherent to tunnel working is poor lighting as this may further reduce visibility
- When walking on open track and within tunnels, the *Contractor's* staff must take cognizance of oil spillage which may make the treading surface slippery therefore posing a subsequent risk to injury.
- The *Contractor* must exercise caution when regulating so as not to damage electrical and signal bonds as this will invariably lead to train delays.

- When travelling or regulating, the *Contractor* must remain alert at all times so as not to pass any signal at danger as this will pose threat of a collision and serious injury. Signals passed at danger may only occur unless properly authorised to do so by the Pilot who remains in constant communication with Train Control. The Pilot's instruction at the machine will always take precedence and must therefore always be adhered to.
- Derailment of Rail Ballast Regulator.
- Working hours and rest periods for crew.
- Night working
- Workers on the under "live" OHTE.
- Buckling contact with "live" OHTE
- Rail defect/obstruction/rail break.
- Operator and/or train driver failure due to mistakes/ignorance.
- Effective and competent interaction between Ballast Regulator driver-operator and pilot.
- Site conditions: curved track, steep gradients, embankment, falling material on cuttings.
- Crew climbing up or down the Ballast Regulator anywhere along its length at any time.
- Lateral rail movement.
- Integrity of rolling stock (wagon structures, brakes, draw gear, bogies and wheels).
- Integrity of Ballast Regulator structure.
- Differing lengths of rail on same load.
- Unauthorized access onto Ballast Regulator.
- Movement of other equipment on the Ballast Regulator while in transit.
- Effective observation of the operator and Transnet personnel during night travel.

### 7.3. Safety Compliance

- 7.3.1. The *Contractor* shall prepare and implement a comprehensive health and safety plan covering all relevant legal safety aspects for their work teams. It shall include details of the Site management structures, all safety legal appointments as well as the written safe working procedures for all equipment used on Site taking into account the above risk assessments.
- 7.3.2. The *Contractor* shall be responsible to ensure the use of only technically competent trained staff on all types of work.
- 7.3.3. The Health and Safety plan together with all supporting documentation shall at all times be available in a health and safety file on site for compliance audit.
- 7.3.4. The *Contractor* shall provide a safety file which shall consist of, but not be limited to, the following:
- *Contractor's* safety procedures
  - Medical surveillance of all personnel
  - Risk register
  - Identification of all the people working the works, including First aider facilitator certificate
  - Fit for duty medical certificates.
  - Procedures for working adjacent or under live OHTE.
  - Record of daily safety meetings
  - Near miss register
  - First Aid register
  - First Aid facilities
- 7.3.5. The *Contractor* shall ensure that all Site staff are trained and inducted in the written safe working procedures for all equipment used on Site.
- 7.3.6. The *Contractor* shall ensure that all workers are appropriately equipped and wearing Personal Protective

#### Equipment (PPE)

- 7.3.7. The *Contractor* shall ensure that Safety Talks are conducted and noted in the Site Diary, and that alcohol testing is conducted (by a certified person) on all personnel before the start of every shift.
- 7.3.8. The *Contractor* shall have on site a daily register to record all personnel and staff on site.
- 7.3.9. The *Contractor* shall be responsible to ensure that Site staff are always competently trained with regards to Electrical Awareness Training and such training material should be acknowledged and approved by the *Employer's* School of Rail.
- 7.3.10. The *Contractor* shall be responsible to ensure that workers working on machines (high risk areas), operators, machine fitters, area supervisors and contract supervisor's Site staff are always competently trained with regards to PWC Electrical Educational Training.
- 7.3.11. The *Contractor* shall also be responsible to ensure that contract managers in charge of Sites are always competently trained with regards to COM Competency Electrical Training (to follow onto PWC Training).
- 7.3.12. Non-compliance with safety requirements will result in an immediate suspension of work without payment.
- 7.3.13. Non-compliance with environmental requirements such as oil spillages, waste, will result in penalties being levied against the *Contractor*. The *Employer* will appoint a private company to make the situation good and claim compensation from the *Contractor*.

#### 7.4. Safety & Control of Plant

- 7.4.1. Weatherproof safety notices indicating safe working loads, must be mounted on all the Equipment where appropriate. Safe operating instructions and daily inspections to be carried out by the operator of the machine before trips are undertaken, must be mounted on the inside of the cab.
- 7.4.2. Clear instructions regarding all precautions to be taken before the machinery moves
- 7.4.3. All hydraulic equipment and movable sections must be fitted with mechanical locks, for use in travelling mode.
- 7.4.4. The *Contractor* shall take all precautions to ensure that any earth moving equipment used on the contract does not work closer than 3m from the side of the track without working under occupation conditions, protected by flagmen.
- 7.4.5. The earthmoving equipment shall not work within 3m of live electrified lines.
- 7.4.6. The excavating and loading earthmoving equipment shall not be used on cable servitudes. The *Supervisor* shall be requested to arrange for the appropriate Telecoms and Signaling Maintenance Managers to beforehand provide data of where not to excavate because of cables. Where cables are to be expected, trail tests are to be made and some form of marker is to be provided to mark cables to prevent damage to cables.

## 8. TRAINING

### 8.1. General

- 8.1.1. The *Contractor* shall ensure that all staff working on or with the contract are adequately qualified and trained, so as to comply with any relevant safety and qualification requirements. This applies to both the *Contractors* own staff or any staff of a sub- *contractor* employed by the *Contractor*.
- 8.1.2. The responsibility of the *Contractor* to ensure that his staff is qualified and trained implies that:
- Specific graded staff shall be qualified and sufficiently experienced and in possession of a qualified certificate for the required position or responsibility.
  - All staff shall also possess any other relevant induction or safety qualifications.
  - The *Contractor* shall ensure that a complete and updated record is kept of safety qualifications or training and certification of all staff for all the relevant qualifications and safety requirements.
  - The record of the qualifications and or training kept by the *Contractor* shall be available on site.
  - All relevant requirements for refresher training shall be adhered to and the *Contractor* shall ensure that the refresher training and certification required is provided for the relevant staff.
- 8.1.3. At the commencement of the contract, Transnet Freight Rail shall assist the *Contractor* with the initial on-the-job training for the staff as specified below, so as to assist the *Contractor* to qualify the worker's / staff. The assistance for training shall apply only for the types of training listed in the Training Table 2, inserted below.
- 8.1.4. The *Contractor* shall ensure that all qualifications, training, and certification for all other requirements such as Machine Operators, Technicians / Fitters, Track Masters or Machine Track maintenance supervisors, Drivers, Crane and Earthmoving operators, Rail disc cutter operators, etc. are in place and are valid and that a record is kept of such qualifications. This implies that the *Contractor* shall supply proof of qualifications when requested by the *Service Manager*.
- 8.1.5. Where training is required by the *Contractor* for other than normal track work functions and *Transnet Freight Rail* has undertaken to provide this training, the following shall apply:
- The number of staff requiring training for a specific qualification or activity is to be provided by the *Contractor* in good time to allow for arranging such training.
  - Training will normally only be provided only at a depot or any other place instructed by the *Service Manager*
  - Arrangements for the training and/or testing must be made with the appropriate depot, *Supervisor* or Transnet Freight Rail depot Production manager (Perway and or Electrical)
- 8.1.6. For critical work outputs as well as specific activities, the *Contractor* shall ensure that he has a core group of workers with sufficient previous experience to take the lead in undertaking maintenance tasks to ensure safe and productive working.
- 8.1.7. Where any training is provided by Transnet at a depot or any other approved place by Transnet, the *Contractor* shall be responsible for transport, accommodation and meals. Where the training is provided by Transnet, the lecture hall with facilities and handout material will be provided by Transnet.
- 8.1.8. Where the *Contractor* will be required to provide an accredited trainer, paid for by Transnet under the "Day Labour" rate, or where the *Contractor* arranges training or refresher training for his staff, Transnet will make available, free of charge, any of the existing depot venues if so required by the *Contractor*. Arrangements for the venue for training shall be made by the *Contractor* with the depot through the *Supervisor*.
- 8.1.9. When training is conducted by a representative of the *Contractor*, the basic specifications and content of what is required to conduct the training, will be supplied by Transnet. Where Transnet cannot supply duplicate copies of this content, the copies may be duplicated by the *Contractor* with the approval of the

*Service Manager*. The cost of the copies will then be re-funded to the *Contractor* after the approval of the invoice. Payment will be made under the Lump Sum item.

8.1.10. Training to be provided by *Transnet Freight Rail* or by hired accredited trainers:

- a) The intention is that Transnet shall provide, where required, the training for the qualifications or certification as listed below at the start of this contract. Where Transnet cannot provide the training, the required accredited trainer shall be hired by the *Contractor* and be paid for under the provisional day labour item.
- b) During the course of the contract any required, alternative, follow up or refresher training for new recruits or replacement staff, shall be undertaken by the *Contractor* as part of the *Contractors* responsibility at his own cost.
- c) For the purpose of pricing, where an accredited trainer is required to be provided by the *Contractor*, the following assumption must be used:
  - The content of Training course material required by Transnet will be provided by Transnet.
  - The trainer will need to be sufficiently qualified and then be tested by Transnet and be accredited by Transnet to conduct the training and testing and certification of candidates trained. Such a testing of a trainer shall be done by Transnet free of charge as part of a group of contracts but transport and accommodation cost of such a trainer shall be for the account of the *Contractor*.
  - Depot facilities such as venues for training may, by arrangement with the depot, be used free of charge by such a trainer to conduct training for the contract.

8.1.11. For any training, the Transport, accommodation and meals of any candidates being trained, shall be for the account of the *Contractor*. This applies throughout the contract.

## 8.2. Training of Track Workers

If required at the commencement of the contract, assistance with the training, to qualify the *Contractors* workers to perform the following tasks shall be given. This assistance shall be limited to showing the *Contractors* Track master how work is to be done. Tools and repeat training must be provided by the *Contractor*

- a) Track work as mentioned in the appropriate clause (Level crossing's and blocks, cattle guards, sleeper & Clip replacement / fastening, lubricators, ballast boxing etc.).
- b) Quality measurements as required per the quality control clause.

## 8.3. Training of Track Inspectors, Track Masters and or Trade Hands (Perway)

Training of Track Inspectors, Track Masters and or Trade hands (Perway) shall be solely the responsibility of the *Contractor*. Only fully qualified people shall be used by the *Contractor* for these positions. The *Contractor* shall ensure that staff used, do comply with requirements for the industry.

## 8.4. Training of Flagmen

- 8.4.1. The appropriate training for the flagmen provided by the *Contractor* can be provided by *Transnet Freight Rail (TFR)* at the start of the contract.
- 8.4.2. Where *Transnet Freight Rail (TFR)* requires flagmen to be trained, the pre-requisites for such persons to qualify to be trained, shall be basic literacy skills and Basic English language ability.
- 8.4.3. *Flagmen* shall be officially trained, evaluated and certified competent, (*Transnet Freight Rail (TFR)* 407 – Item

Number 37/270451 - "Certificate of Competency") by a designated competent person, before being used on protection duties. This certificate of competency shall remain valid for one (1) year only after, which re-testing and re-certification of competency will be required.

- 8.4.4. In cases where a person was not performing flagmen duties for a period of 6 months or longer, he shall be re-tested and again be re-certified competent, before he may be re-used for Protection Duties.
- 8.4.5. The *Transnet Freight Rail (TFR)* Depot Engineering Manager remains ultimately responsible in terms of the requirements of Act 85 for the safe working environment of his own personnel as well as *Contractor's* personnel within the track maintenance environment on his depot.
- 8.4.6. The Depot Engineering Manager is therefore also responsible for ensuring that any changes in the Protection Procedures that may occur over time are effectively communicated to any flagmen prior to them being used for Protection Duties. Where such a change occurs and is communicated to a *Contractor*, the *Contractor* shall ensure that flagmen used by him are informed and trained to comply with all the changed requirements

## **8.5. Training of Bonders**

- 8.5.1. Bonders removing, replacing or repairing damaged bonds, shall be trained to ensure that only work, which they are trained and allowed to do, is done by the *Contractor*.
- 8.5.2. The initial training of bonders for this contract can be arranged for with the *Employer's* accredited electrical trainer, through the *Supervisor* as specified above in this clause.
- 8.5.3. Bonders shall be required to be trained for Electrical Permanent Way Competency and be trained to do WHAM bonding and bonding according to electrical specifications, instructions and drawings manual CEE 0059.84 and CEE0060.84, where applicable.
- 8.5.4. Follow up training of bonders shall be responsibility of the *Contractor*.

## **8.6. Electrical Awareness, Educational and Competency Training**

- 8.6.1. The electrical awareness training shall be arranged for before any work commences.
- 8.6.2. The electrical educational and competency training may be arranged for at either a depot's lecture room (*Transnet Freight Rail (TFR)* property), or at a venue of the *Contractors* choice (*Contractors* cost).
- 8.6.3. The Accredited Electrical trainer from *Transnet Freight Rail (TFR)* will be provided by *Transnet Freight Rail (TFR)* at *Contractors* cost, an arrangement for the training session required, is done beforehand and will fit in with the trainers training program for the year.
- 8.6.4. The *Employer* will not provide any transport, accommodation or meals for candidates to be trained.

**8.7.** The *Contractor* will not be allowed to execute any work until they have went through the training below. The employer will arrange this training on behalf of the *Contractor*. Please take note that the *Contractor* will be liable for the cost of this training.

| Type of Training        | Staff required to undergo training                                                                                   | Estimated duration of training | Location of training    | Trainer to conduct training at start of contract                                                                                       | Alternative trainer to conduct training at contract start           | Future Refreshment training                   |
|-------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------|
| Induction               | All contract staff including new entrants. Start of work at any new depot                                            | +/- 2 hours                    | Depot where work starts | <i>Employer's Service Manager</i> or Track inspector                                                                                   | New recruits: <i>Contractors</i> accredited representative          | <i>Contractors</i> accredited representative. |
| Electrical awareness    | All contract staff including new entrants                                                                            | +/- 2 hours                    | Depot where work starts | <i>Employer's</i> Depot's electrical officer or accredited trainer                                                                     | New recruits: <i>Contractors</i> accredited representative          | <i>Contractors</i> accredited representative. |
| PWC (Electrical)        | <i>Service Managers</i> , Operators, fitters, Technicians & Workers supporting fitters, working in risky OHTE areas. | 2 days                         | Depot where work starts | <i>Employer's</i> , Esselen Park or Depot accredited trainer, or <i>Employer's</i> hired accredited trainer : By appointment at depot* | Replacement/new staff: <i>Contractors</i> accredited representative | <i>Contractors</i> accredited representative. |
| Competency (Electrical) | <i>Service Managers</i> (Follow up training in PWC)                                                                  | 1 day                          | Depot where work starts | <i>Employer's</i> accredited trainer, or <i>Employer's</i> hired accredited trainer : By appointment at depot*                         | Replacement/new staff: <i>Contractors</i> accredited representative | <i>Contractors</i> accredited representative. |
| Flagmen Training        | Flagmen and standby flagmen                                                                                          | 5 days                         |                         | <i>Employer's</i> accredited trainer, or <i>Employer's</i> hired accredited trainer : By appointment at depot                          | Replacement/new staff: <i>Contractors</i> accredited representative | <i>Contractors</i> accredited representative. |
| Bonder Training         | Bonder                                                                                                               | 5 days                         |                         | <i>Employer's</i> accredited trainer, or <i>Employer's</i> hired accredited trainer : by appointment at depot*                         | Replacement/new staff: <i>Contractors</i> accredited representative | <i>Contractors</i> accredited representative. |

**8.8.** The crew time, transport and accommodation cost related to training will be for the *Contractor's* account. The crew members proposed to for this training shall as minimum requirement be literate in terms of reading, writing and speaking of Basic English.

**TRACK STANDARDS: BALLAST PROFILE MEASUREMENTS**

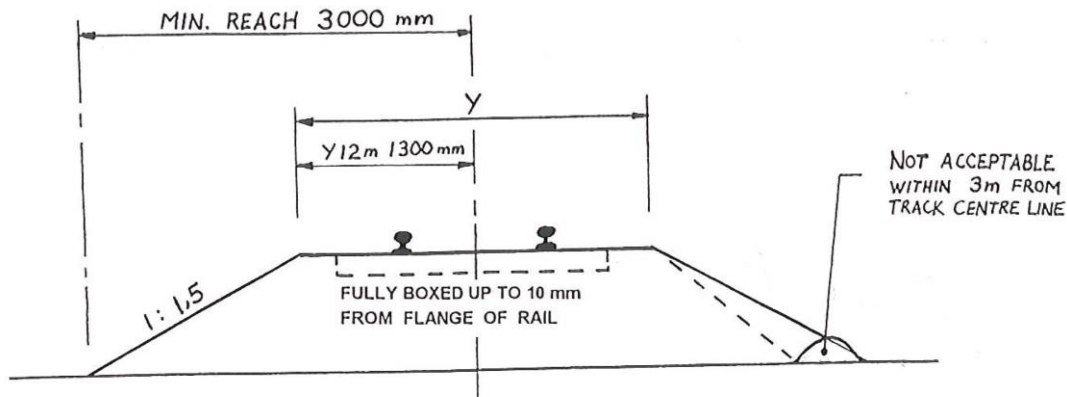
**APPENDIX A**

| Parameter                   | Position                                           | Method         | Frequency*                | Number of permissible disallowed measurements per parameter per 500 m section | Standard (Sf) | Standard (Sc) | Unit |
|-----------------------------|----------------------------------------------------|----------------|---------------------------|-------------------------------------------------------------------------------|---------------|---------------|------|
| <b>Top Width "K"</b>        | Both sides of centre line                          | Tape, template | Left and right every 50 m | 4                                                                             | 1350 +/- 50   | 1350 - 200    | mm   |
| <b>Batter Deviation "B"</b> | Both sides of centre line, from profile template   | Tape, template | Left and right every 50 m | 4                                                                             | +/- 50        | n/a           | mm   |
| <b>Top Surplus "T"</b>      | Both sides of centre line, above sleeper top level | Tape           | Left and right every 50 m | 4                                                                             | + 25<br>- 0   | + 100         | mm   |
| <b>Toe Lines "S"</b>        | Both sides of centre line, if surplus ballast      | Tape, template | Left and right every 50 m | 4                                                                             | +/- 100       | - 200         | mm   |

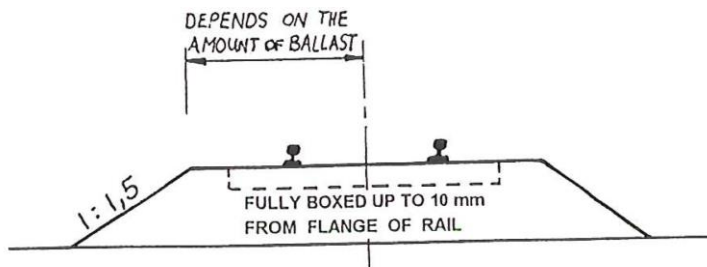
\* A total of 20 measurements per parameter per 500 m section (i.e. left plus right) = a total of 80 measurements per 500 m section.

## SPECIFIED BALLAST PROFILES

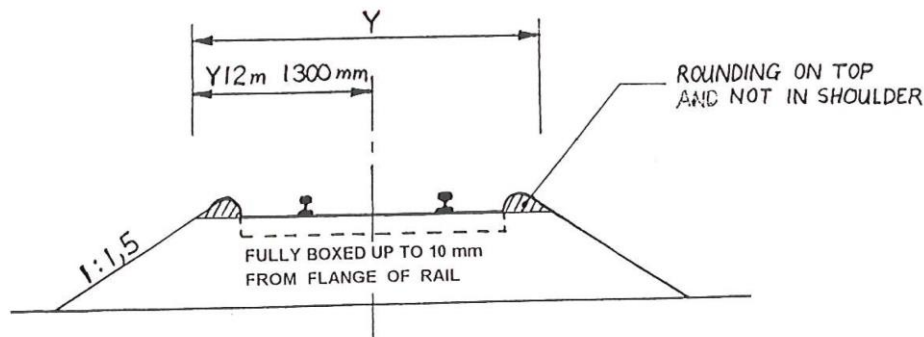
## APPENDIX B1



1. BALLAST : 1 200 m<sup>3</sup>/ km  
BALLAST DEPTH UNDER SLEEPER 330 mm



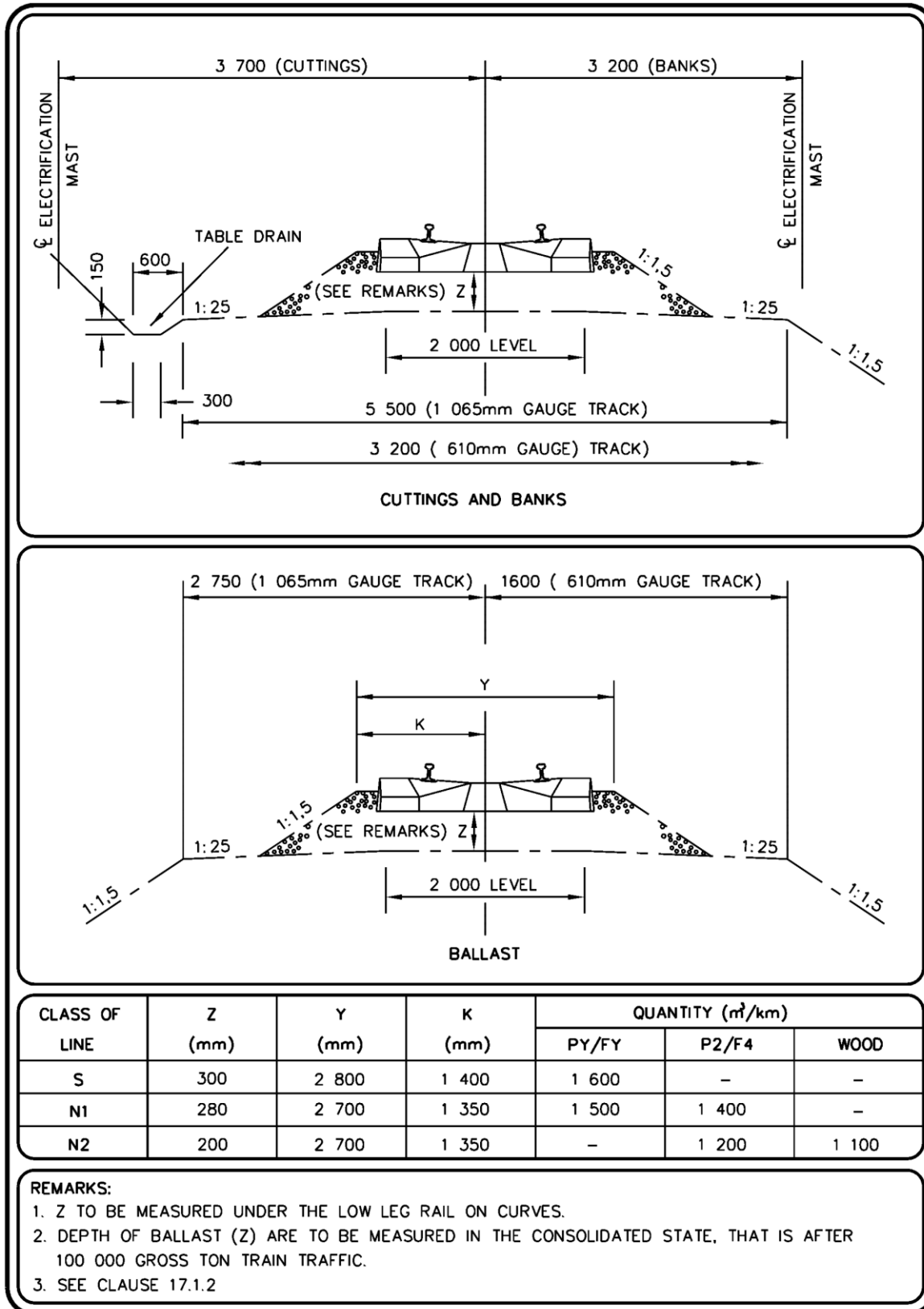
2. BALLAST : LESS THAN 1 200 m<sup>3</sup>/ km



3. BALLAST : MORE THAN 1 200 m<sup>3</sup>/ km  
BALLAST DEPTH UNDER SLEEPER > 330 mm

## MINIMUM BALLAST REQUIREMENTS

## APPENDIX B2



## **PART 4: SITE INFORMATION**

Core clause 11.2(16) states

"Site Information is information which

- describes the Site and its surroundings and
- is in the documents which the Contract Data states it is in."

In Contract Data, reference has been made to this Part 4 of the contract for the location of Site Information.

---

### **1. Description of the Site and its surroundings**

#### **1.1. General description**

The contract area will be all track owned, or maintained, by Transnet Freight Rail country wide, in addition to neighbouring countries. The Contractor may be required to work in areas where varying degrees and types of security situations are prevailing such as may occur in remote rural areas through to densely populated metropolitan areas. The railway tracks are located in areas of varying horizontal and vertical dimensions of the land surface. In some areas, tracks fall in deep cuttings as well as in high embankments.

#### **1.2. Existing buildings, structures, and plant & machinery on the Site**

There are fixed assets that are situated alongside the linear state of the railway infrastructure. These structures are but not limited to; bridges, platforms, culverts and track side components. The Contractor shall ensure that all the works being carried out does not deform the existing structures.

#### **1.3. Hidden services**

There are underground services that were previously erected and the as-built data to locate such services will be utilised. There are situations where the as-built data cannot be traced and in such situations, activities must be carried out with caution. During the execution phases of the project, there is a possibility of disruption of such hidden services. These services include conduits (oil, water and sewage), electrical cables and any other structure that may be present. The employer shall inform the contractor through a baseline risk assessment of any possibilities in anticipation.

#### **1.4. Other reports and publicly available information**

The Employer shall provide the standards of ballast regulator. The Employer will also provide maps and locations as and when required.



**To Whom It May Concern,**

**CERTIFICATE OF INSURANCE: TRANSNET (SOC) LIMITED – PRINCIPAL CONTROLLED INSURANCE**

In our capacity as Insurance Brokers to the Transnet Group of Companies, we hereby certify that the undermentioned insurances are currently in place:

INSURED: Transnet (SOC) Limited

PERIOD: 1 April 2022 to 31 March 2023 (Both days inclusive)

DIVISION: Transnet Freight Rail, Transnet Engineering, Transnet Properties, Transnet Pipelines, Transnet National Ports Authority and Transnet Port Terminals

THE INSURED'S VAT NO: 4720103177

THE INSURED'S COMPANY REGISTRATION NO: 1990/000900/30

POSTAL ADDRESS (Head Office) P O Box 72501, Parkview, 2122

**CONTRACT WORKS INSURANCE**

Cover Provided : Contract Works - Physical loss or damage to the Property Insured which being materials, plant and other things for incorporation into the permanent works.

Insurer : Mirabilis (Santam Limited)

Policy Number : MZAR35023-CAR

The Contract Site : Any location within the Territorial Limits upon which The Insured Contract is to be executed or carried out as more fully defined in The Insured Contract documents together with so much of the surrounding area as may be required or designated for the performance of The Insured Contract.

Territorial Limits : The Republic of South Africa.

Additional Co-Insureds:

The Contractor: All Contractors undertaking work in connection with The Insured Contract including the Employer to the extent that the Employer undertakes work in connection with The Insured Contract;

Sub-Contractors: All Sub-Contractors employed by the Contractor and all other Sub- Contractors (whether nominated or otherwise) engaged in fulfilment of The Insured Contract; and to the extent required by any contract or agreement;

transporters and persons providing a storage facility, plant owners and/or operators in respect of liability loss or damage arising out of The Insured Contract; project managers, architects, land surveyors, quantity surveyors, engineers and other advisors or consultants or sub-consultants appointed in the performance of the Insured Contract activities arising at the Contract Site provided always that any such person shall not be insured hereunder in respect of liability loss or damage arising out of such person's error or omission in the performance of the professional services for which he was appointed;

**Provincial & Government:** any Local Provincial or Government Department with which the Insured enters into any contract or agreement for the performance of The Insured Contract; all for their respective rights and interests.

**Insured Contracts :** All Contracts (including any undertaking awarded or commenced prior to Inception of the Period of Insurance) involving design, construction, Performance Testing and Commissioning in respect of the Works and shall Include capital expenditure, upgrade, modification, maintenance or overhaul, refurbishment, renovation, retrofitting or alterations and additions to existing facilities undertaken by the Insured or other Insured Parties acting on their behalf but **excluding**;

- a) contracts which at award stage have a value in excess of R 1,000,000,000;
- b) contracts with an estimated construction period exceeding 48 months but increasing to 60 months in respect of rail maintenance contracts and Transnet Freight and Rail contracts for logistical support for inline inspections and identification of defects over a 5 year period in respect of Transnet's pipeline assets (excluding Defects Liability/Maintenance period);
- c) contracts involving construction or erection of petrochemical manufacturing plant(s) but this exclusion shall not apply to pipelines and other associated works undertaken by or on behalf of the Insured;
- d) contracts in or on any aircraft;
- e) Off-shore contracts;
- f) Wet Risk Contracts which at award exceeds R500,000,000;
- g) Dam Contracts
- h) Tunnel contracts which at award exceeds R50,000,000;
- i) Tunnel contracts using tunnel boring machines;
- j) Underground Mining Contracts;
- k) Horizontal Directional Drilling Contracts which at award exceeds R50,000,000;
- l) Horizontal Directional Drilling Contracts where total drilling exceeds 1 km;
- m) Horizontal Directional Drilling Contracts for pipe diameters greater than 76 cm.

#### Definitions

1. "Off-shore contracts" means all works and installations in the sea or on the seabed including dredging which are accessible only by ship boat barge or helicopter and do not constitute normal wet works like harbours moles bridges wharves or sewage or cooling water intake or outlet facilities. "OffShore Contracts" shall include oilrigs and oil platforms (but not including oil platforms when connected to the land on completion). The term shall not apply to pre-fabrication works on land associated with an Off-Shore Contract.

- 2 *"Wet Risk Contracts" shall mean any Contract and/or Works where more than thirty-five (35) percentile of its value is in a permanent body of water or is below the high water mark of any tidal body of water. The term shall include contracts for the construction of wharves, piers, marinas, causeways, breakwaters, jetties, dry docks and offshore pipelines when connected directly to on-shore facilities and canal developments. Wet Risks shall exclude Off- Shore Contracts;*
- 3 *"Dam Contracts", which term shall include weirs and hydroelectric projects involving the construction of dams or weirs;*
- 4 *"Horizontal Directional Drilling Contracts", means micro-tunnelling work for the construction of tunnels utilising surface based horizontal directional drilling equipment.*
- 5 *Tunnels" means Tunnels (Including declines) involving all of the following;*
  - (a) Works below ground level; and
  - (b) Tunnelling machinery below ground level; and
  - (c) A tunnelling crew operating the machinery below ground level;
  - (d) But shall not include Horizontal Directional Drilling Contracts
- 6 *"Horizontal Directional Drilling Contracts", means micro-tunnelling work for the construction of tunnels utilising surface based horizontal directional drilling equipment.*
- 7 *"Underground Mining Contracts", which shall mean any contract involving underground mining.*

Testing Period: 120 Days not consecutive.

Maintenance Period : 12 Months

Main Policy Extensions :

- Costs & Expenses - Limited to maximum of R50,000,000.
- Expediting Measures – Limited to a maximum of R50,000,000.
- Professional Fees In Reinstatement Of Property Insured - Limited to a maximum of R50,000,000.
- Surrounding Property in care custody or control of the contractor – Limited to a maximum of R55,000,000.
- Fire Brigade & Public Authorities - Limited to a maximum of R10,000,000.
- Public Authority Reinstatement Costs - Limited to a maximum of R20,000,000
- Public Relationship Costs - Limited to a maximum of R1,000,000.
- Records - Limited to a maximum of R2,000,000.
- Removal to Gain Access - Limited to a maximum of R20,000,000
- Road Reserve and Servitude Extensions - Limited to a maximum of R10,000,000

- Search & Locate Costs - Limited to a maximum of R20,000,000.
- Borrowing Of Plant For Commissioning Purposes - Limited to a maximum of R10,000,000
- Escalation during Construction – 30%
- Marine Contribution Clause
- Claim Preparation Costs – Limited to a maximum of R10,000,000

**Main Policy Exclusions :**

- War
- Nuclear Energy Risks
- Terrorism
- Computer Loss General Exception
- DE4 (All types of Works) for defective material workmanship design plan or specification.
- LEG 3 (Mechanical or Electrical Engineering Works only) for defective material workmanship design plan or specification. Limited to maximum of 15% of the total estimated contract value.
- Loss or damage arising during air transit or any ocean voyage or whilst in storage thereafter.
- Occurring during any defects/maintenance period unless cause occurred prior to such defects/maintenance period
- Disappearance or by shortage revealed during routine inventory or periodic stocktaking.
- Consequential loss of whatsoever nature.
- Normal wear and tear, normal atmospheric conditions, rust, erosion, corrosion or oxidation.
- Due to its own explosion breakdown or derangement occurring after the Testing Period which has operated under load conditions.
- Second hand property due to its own electrical or mechanical breakdown or explosion.
- Communicable diseases

**Deductibles:**

In respect of loss or damage:

Major Perils shall mean damage caused by storm, rain, tempest, wind, flood, theft, malicious damage, subsidence, collapse, earthquake, testing or commissioning and the consequences of defective design, specification, materials or workmanship (DE4).

Minor Perils shall mean damage caused by a peril not defined as Major Perils defined above.

| Contracts with a contract value : | Major perils | Minor perils |
|-----------------------------------|--------------|--------------|
| 0 to R100,000,000                 | R25,000      | R 15,000     |
| R100,000,001 to R250,000,000      | R50,000      | R15,000      |
| R250,000,001 to R500,000,000      | R100,000     | R25,000      |

R500,000,001 to R1,000,000,000      R150,000      R25,000

Minimum wet risk deductible of R100,000 per occurrence to apply.

LEG 3 Deductible (Only in respect of Mechanical and Electrical contracts);

|                                 |                           |
|---------------------------------|---------------------------|
| Contracts with a contract value | Deductible                |
| 0 to R500,000,000               | R1,000,000 per occurrence |
| R500,000,001 to R1,000,000,000  | R1,500,000 per occurrence |

## **PUBLIC LIABILITY**

Cover Provided :      Contract Works Public Liability – cover the Insured's legal liability in respect of loss or damage or injury to third parties arising out of work performed in respect of the Insured Contracts.

Insurer :      Stalker Hutchinson (Santam Limited)

Policy Number:      6000/132335

Territorial Limits :      The Republic of South Africa.

Insured Contracts:      All projects (including any undertaking awarded or commenced prior to inception of the period of Insurance) involving design, construction, performance testing and commissioning in respect of the works and shall include capital expenditure, upgrade, modification, maintenance or overhaul, refurbishment, renovation, retrofitting or alterations and additions to existing facilities undertaken by the Insured or other Insured Parties acting on their behalf but **Excluding project works;**

- a) which at award stage have a value in excess of R 1,000,000,000.
- b) Contracts with an estimated construction period at award exceeding 48 months but 60 months in respect of contracts awarded prior to 1 April 2020 for rail maintenance contracts For Transnet Freight & Rail and for Transnet Pipeline's logistical support for inline inspections and identification of defects in respect of Transnet's pipeline assets (all excluding Defects Liability/Maintenance period).
- c) Contracts with a Contractual Defects Liability Maintenance Period exceeding 24 months.
- d) involving construction or erection of petrochemical manufacturing plant(s) but this exclusion shall not apply to pipelines and other associated works undertaken by or on behalf of the Insured.
- e) in or on any aircraft; and
- f) being Off-shore contracts

“Off-shore contracts” means all works and installations in the sea or on the seabed and do not constitute normal Wet Risk Contracts like harbours, moles, bridges, wharves or sewage or cooling water intake or outlet facilities, piers, marinas, causeways, breakwaters, jetties, dry docks and offshore pipelines when connected

directly to onshore facilities and canal developments. "Off-Shore contracts" shall include oilrigs and oil platforms.

**Policy Limits:**

|                                                       |                                                                                                            |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Contractors Public Liability                          | R100,000,000 any one occurrence / unlimited during the Period of Insurance                                 |
| Contractors Negligent Removal or weakening of Support | R100 000 000 any one occurrence and R100,000,000 per site in the aggregate during the Period of Insurance. |
| Statutory Legal Defence Costs                         | *R5 000 000 in the aggregate during the Period of Insurance.                                               |
| Arrest / Assault / Defamation                         | *R5 000 000 in the aggregate during the Period of Insurance.                                               |
| Emergency Medical Expenses                            | R5 000 000 any one occurrence                                                                              |
| Prevention of Access                                  | *R5 000 000 in the aggregate during the Period of Insurance.                                               |
| Trespass / Nuisance                                   | *R5 000 000 in the aggregate during the Period of Insurance.                                               |
| Claims Preparation Costs                              | R5 000 000 any one occurrence                                                                              |

\*Where the limits are noted as in the aggregate during the policy period of insurance, that such aggregated limit is applicable to all Transnet Insured Contracts collectively and in total and does not apply to each contract separately.

Deductible(s) : R50,000 per occurrence but increased to R5,000,000 in respect of Spread of Fire and/or Hot Works and R250,000 in respect of Sudden and Accidental Pollution and/or Goods on the Hook and R150 000 Removal of Support.

**Main Policy Exclusions :**

The policy does not cover:

- deliberate, conscious and intentional disregard to take reasonable precautions.
- fines, penalties, punitive and exemplary damages.
- Pollution unless caused by a sudden, unintended and unexpected occurrence.
- cost of removing, nullifying or cleaning up the effects of pollution unless caused by a sudden, unintended and unexpected occurrence.
- the hazardous nature of asbestos.
- War And Terrorism Risks.
- Nuclear Risks.
- Actual or alleged unlawful competition, unfair practices, abuse of monopoly power, cartel activities
- Compulsory Insurance
- Loss or damage and any consequence therefrom to any Data. •
- Sanctions Exclusion
- Excluding unfair dismissal
- Data exclusion
- COVID Exclusion

**PROFESSIONAL INDEMNITY**

**Professional Indemnity**

- a) In respect of damages which the Insured shall become legally liable to pay in consequence of neglect, error or omission by or on behalf of the Insured in the conduct or execution of their Professional Activities and Duties as defined.
- b) Prior To Handover/Rectification - against loss arising out of any defect in the works discovered prior to the issue of any practical completion or take-over certificate provided that any such defects are caused by a negligent breach of a Professional Activity or Duty by the Insured in consequence of neglect, error or omission by or on behalf of the Insured.

Insurer : Stalker Hutchinson (Santam Limited)

Policy Number: 6000/132337

Jurisdiction : Worldwide excluding North America

Insured Contracts: All projects (including any undertaking awarded or commenced prior to inception of the period of Insurance) involving design, construction, performance testing and commissioning in respect of the works and shall include capital expenditure, upgrade, modification, maintenance or overhaul, refurbishment, renovation, retrofitting or alterations and additions to existing facilities undertaken by the Insured or other Insured Parties acting on their behalf but **Excluding project works:**

- a) Contracts which at award stage have a value in excess of R 1,000,000,000.
- b) Contracts with an estimated construction period at award exceeding 48 months (excluding Defects Liability/Maintenance period).
- c) Contracts with a Contractual Defects Liability Maintenance Period exceeding 24 months.
- d) involving construction or erection of petrochemical manufacturing plant(s) but this exclusion shall not apply to pipelines and other associated works undertaken by or on behalf of the Insured.
- e) in or on any aircraft.
- f) Being Off-shore contracts

"Off-shore contracts" means all works and installations in the sea or on the seabed and do not constitute normal Wet Risk Contracts like harbours, moles, bridges, wharves or sewage or cooling water intake or outlet facilities, piers, marinas, causeways, breakwaters, jetties, dry docks and offshore pipelines when connected directly to onshore facilities and canal developments. "Off-Shore contracts" shall include oilrigs and oil platforms.

Limit Of Indemnity: Professional Indemnity - \*R100,000,000 in the aggregate during the policy period of insurance.

\*Where the limit is noted as in the aggregate during the policy period of insurance, that such aggregated limit is applicable to all Transnet Insured Contracts collectively and in total and does not apply to each contract separately.

**Policy Extension  
Limits Of Indemnity:**

|                             |                                                                     |
|-----------------------------|---------------------------------------------------------------------|
| Claims Preparation Costs -  | *R7,500,000 in the aggregate during the policy period of insurance. |
| Loss of Documents -         | *R2,000,000 in the aggregate during the policy period of insurance. |
| Statutory Defence Costs -   | *R5,000,000 in the aggregate during the policy period of insurance. |
| Defamation -                | *R5,000,000 in the aggregate during the policy period of insurance. |
| Infringement of Copyright - | *R5,000,000 in the aggregate during the policy period of insurance. |

\*Where the limits are noted as in the aggregate during the policy period of insurance, that such aggregated limit is applicable to all Transnet Insured Contracts collectively and in total and does not apply to each contract separately.

**Deductibles:**

R5,000,000 each and every but R10,000 in respect of Claims Preparation Costs, Loss of Documents, Statutory Defence Costs, Defamation and Infringement Of Copyright.

**Policy Special Conditions :**

Condition precedent to liability that the Insured is fully qualified and registered with the relevant Industry Body/Association in terms of legislation as applicable.

Prior to hand over/rectification – the insured must give prior written notice to the Insurers of the intention to take remedial action to rectify such defect and obtain the Insurers' written agreement to such action being taken and the costs and expenses expected to be expended.

**Policy Main Exclusions:**

- Excludes all consequential loss other than cost of re-design, rectification and replacement as a consequence of the defect.
- Excludes Supervision.
- Excludes liability arising out of environmental impairment / pollution
- Excludes the cost of removing, nullifying or cleaning-up the effects of environmental impairment/ pollution.
- Excludes war, invasion, acts of foreign enemies, hostilities or warlike operations (whether war be declared or not), civil war, rebellion, revolution, insurrection, civil commotion assuming the proportions of or amounting to an uprising, military or usurped power, any act of terrorism and nuclear risks.
- Excludes fines, penalties, punitive and exemplary damages, multiplication of compensatory damages and/or any other noncompensating damages of any kind.
- Excludes liability from the hazardous nature of asbestos.
- Excludes medical malpractice.
- Excludes failure to meet contractual requirements relating to efficiency, output or durability.
- Excludes failure to meet completion dates
- Excludes the estimation of probable costs other than cost advice and cost planning services normally provided by a Quantity Surveyor or Project manager.
- Excludes incorrect authorisation of payment.



- Excludes breach of any statutory regulation.
- Excludes liability from the insolvency, liquidation or judicial management of the Insured.
- Excludes the certification of value of work executed by any contractor where the Insured has an equity interest in such contractor;
- Excludes liability due to unlawful competition, unfair practices, abuse of monopoly power, cartel activities or breach of a competitions ac
- Sanctions Exclusion
- Data exclusion
- State Capture exclusion
- COVID exclusion
- Directors & Officers Exclusion

**This certificate of the insurance cover arranged is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not amend, extend or alter the coverage afforded by the policies issued by Insurers.**

Dennis Govender

Chief Broking Officer

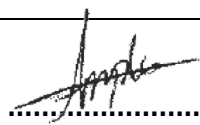


TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

## TRANSNET FREIGHT RAIL SAFETY HEALTH AND ENVIRONMENTAL (SHE) SPECIFICATIONS FOR CONTRACTORS

|                                                         |                                                                                                                                                                |                                                                                                                          |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CONTRACT NAME:</b>                                   | Maintenance of Railway Track with On-Track Ballast Regulating Machines Countrywide on an 'as and when required' basis for a Period of Eighty-Four (84) Months. |                                                                                                                          |
| <b>CONTRACT NUMBER:</b>                                 | SIC21020CIDB (HOAC-HO-37028)                                                                                                                                   |                                                                                                                          |
| <b>CONTRACT SCOPE:</b>                                  | Maintenance of Railway Track with On-Track Ballast Regulating Machines Countrywide on an 'as and when required' basis for a Period of Eighty-Four (84) Months. |                                                                                                                          |
| <b>CONTRACT LOCATION:</b>                               | Countrywide                                                                                                                                                    |                                                                                                                          |
| <b>CONTRACT DURATION:</b>                               | 84 Months                                                                                                                                                      |                                                                                                                          |
| <b>CONTRACT MANAGER:</b>                                |                                                                                                                                                                |                                                                                                                          |
| <b>TFR CONTRACT REPRESENTATIVE / TECHNICAL OFFICER:</b> |                                                                                                                                                                |                                                                                                                          |
| <b>CHS AGENT:</b>                                       |                                                                                                                                                                |                                                                                                                          |
| <b>SHE SPECIFICATION APPROVAL</b>                       |                                                                                                                                                                |                                                                                                                          |
|                                                         | <b>NAME:</b>                                                                                                                                                   | <b>SIGNATURE:</b>                                                                                                        |
| <b>TFR CONTRACT MANAGER / CONTRACT REPRESENTATIVE</b>   | Tenny Madiba                                                                                                                                                   | <br>.....<br><b>DATE:</b>            |
| <b>RISK / ENVIRONMENTAL SPECIALIST</b>                  | Mmagauta Tabane                                                                                                                                                | <br>.....<br><b>DATE:</b> 01/04/2022 |
| <b>CHS AGENT / SAFETY SPECIALIST / MANAGER</b>          | Kedibone Moselane                                                                                                                                              | <br>.....<br><b>DATE:</b> 31.03.2022 |

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 1 | 33



## 1. Introduction

- 1.1 This Safety, Health and Environmental (SHE) specification is Transnet Freight Rail (TFR) minimum requirements to be met by contractors when performing work for or on behalf of TFR. They set out the requirements to be followed by the Contractor and other contractors so that the health and safety of all people's potentially at risk may receive the same priority as other facets of the project.
- 1.2 The Contractor shall **develop a SHE plan and prepare a SHE file** based on these requirements, risk assessment as well as all the relevant applicable legislation. The contractor shall remain accountable for the quality and execution of his health and safety programme for his employees and sub-contractor employees. This specification in no way releases the contractors from compliance with the relevant legislation.

## 2 Purpose

- 2.1 The purpose of this specification is to ensure that the Contractor provides and maintains, as far as reasonably practicable a safe working environment for all employees and the public whilst performing work for or on behalf of TFR.
- 2.2 This specification form an integral part of the contract, and the Contractor shall forward this specification to all subcontractors at the bidding stage so that they can in turn prepare health and safety plans relating to their operations.

## 3 Scope and Application

- 3.1 This specification is applicable to all contractors, suppliers and all activities and processes carried out for or on behalf of Transnet Freight Rail. The Specification defines the strategies to manage health and safety and is a compliance document drawn up in terms of the Occupational Health and Safety Act 85 and National Railway Safety Act.
- 3.2 This specification shall also apply to any subcontractors as employers in their own right. The Contractor shall furnish the TFR Contract Manager/Technical Officer with full particulars of such subcontractors and shall ensure that they comply with the OHS Act and Regulations and Transnet's safety requirements and procedures.
- 3.3 Every effort has been made to ensure that this specification document is accurate and adequate in all respects. Should it however, contain any errors or omissions they may not be considered as grounds for claims under the contract for additional reimbursement or extension of time, or relieve the Contractor from his responsibilities and accountability in respect of the Contract to which this specification document pertains. Any such inaccuracies, inconsistencies and/or inadequacies must immediately be brought to the attention of the TFR Contract Manager/Technical Officer or Client Agent.

## 4 General



- 4.1 The Contractor and Transnet Freight Rail are individual employers, each in its own right, with their respective duties and obligations set out in the Occupational Health and Safety Act, Act 85 of 1993 (herein referred as the OHS Act) and applicable Regulations and National Railway Safety Act of 2000 and applicable standards.
- 4.2 The Contractor accepts, in terms of the General Conditions of Contract and in terms of the OHS Act, his obligations as an employer in respect of all persons in his employ, other persons on the premises or the Site or place of work or on the work to be executed by him, and under his control. The Contractor shall, before commencement with the execution of the contract work, comply with the provisions set out in the OHS Act, and shall implement and maintain a SHE Plan approved by Transnet Freight Rail, on the Site and place of work for the duration of the contract .
- 4.3 The Contractor accepts his obligation to complying with the OHS Act and applicable Regulations notwithstanding the omission of some of the provisions of the OHS Act and the Regulations from this document.
- 4.4 Transnet Freight Rail accepts, in terms of the OHS Act, its obligations as an employer of its own employees working on or associated with the site or place of work, and the Contractor and TFR Contract Manager/Technical Officer or his deputy shall at all times, co-operate in respect of the health and safety management of the site, and shall agree on the practical arrangements and procedures to be implemented and maintained during execution of the works
- 4.5 In the event of any discrepancies between any legislation and this specification, the applicable legislation will take precedence.

## 5. Section 37(2) Agreements

- 5.1 Transnet Freight Rail and the Contractor shall enter into an agreement in terms of section 37(2) of the Occupational Health and Safety Act to the arrangements and procedures between them to ensure compliance by the Contractor with the provisions of the OHS Act.
- 5.2 The agreement shall be completed and signed by the Contractor mandated representative as soon as possible and returned to the relevant TFR Contract Manager for his/her signature on behalf of TFR.
- 5.3 The Contractor shall enter into a Section 37(2) Agreement with their respective sub-contractors. Signed copy of such agreement must be kept on the Contractor's SHE file.

## 6. Definitions

- 6.1 In this Specification the definitions as listed in the Occupational Health and Safety Act 85 of 1993, Construction Regulations 2014, National Railway Safety Regulator Act of 2000 (and applicable standards), Transnet Contractor Management Procedure shall apply, unless the context otherwise indicates: -
- 6.2 **"competent person "**means a person who—



- a) has in respect of the work or task to be performed the required knowledge, training and experience and, where applicable, qualifications, specific to that work or task: Provided that where appropriate qualifications and training are registered in terms of the provisions of the National Qualification Framework Act, 2000 (Act No.67 of 2000), those qualifications and that training must be regarded as the required qualifications and training; and
  - b) is familiar with the Act and with the applicable regulations made under the Act;
- 6.3 **"construction work"**, which, in terms of the Construction Regulations, 2014 means any work in connection with: -
- a) the construction, erection, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure; or
  - b) the, construction, erection maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or the moving of earth, clearing of land, the making of an excavation, piling or any similar civil engineering structure; or any similar type of work.
- 6.4 **"contractor"** means an employer (organisation) or a person who performs ANY work and has entered into a legal binding business agreement contract to supply a product or provide services to Transnet. This applies to the Suppliers, Vendors, Consultants, Service Providers or Contractors (including Principal Contractors) and subcontractors. NB: A contractor is an employer in his/her own right;
- 6.5 **"COVID 19"** means Corona Virus Disease of 2019
- 6.6 **"fall protection plan"** means a documented plan, which includes and provides for-
- a) all risks relating to working from a fall risk position, considering the nature of work undertaken;
  - b) the procedures and methods to be applied in order to eliminate the risk of falling; and
  - c) a rescue plan and procedures
- 6.7 **"Safety, Health and Environmental (SHE) File"** means a file or other record in permanent form, containing the information required to be kept on site in accordance with the OHS Act and applicable Regulations;
- 6.8 **"health and safety (SHE) plan"** means a site, activity or Contract specific documented plan in accordance with the client's health and safety specification;
- 6.9 **"risk assessment"** means a programme to determine any risk associated with any hazard at a work site, in order to identify the steps needed to be taken to remove, reduce or control such hazard;
- 6.10 **"contractor"** means an employer (organisation) or a person who performs ANY work and has entered into a legal binding business agreement contract to supply a product or provide services to Transnet. This applies to the Suppliers, Vendors, Consultants, Service



Providers or Contractors (including Principal Contractors) and subcontractors. NB: A contractor is an employer in his/her own right;

6.11 **"rail road vehicle"** means a vehicle that can travel on rail and road

6.12 **"TFR"** means Transnet Freight Rail, a division of Transnet SOC Ltd (Registration No. 1990/000900/30), a public company incorporated in accordance with the company laws of the Republic of South Africa

6.13 **"TFR Contract Manager"** TFR employee appointed to liaise with the contractor to ensure that the specifications of the contract are met (with special emphasis on safety, technical specifications, inspection of quality and quantity of work). It includes a Technical Officer, Depot Engineering Manager, Engineering Technician, Maintenance Supervisor's etc.

## 7. Notification of Construction Work

7.1 The Contractor who intends to carry out any construction work other than work where a Construction Work Permit is required, must at least 7 days before carrying out such work, notify the Provincial Director of the Department of Labour in writing if the construction work:-

- (a) includes excavation work
- (b) includes working at a height where there is a risk of a person falling;
- (c) includes the demolition of a structure; or
- (d) includes the use of explosives to perform construction work,

7.2 The notification to the Provincial Director shall be on a form similar to Annexure 2 of the Construction Regulations, 2014. The Contractor shall ensure that a copy of the completed notification form is kept on site for inspection by an inspector, Contract Manager/Technical Officer or employee.

## 8. Letter of Good standing

8.1 The Contractor shall submit proof of registration and Letter of Good Standing with the compensation fund or with a licensed compensation insurer as contemplated in the Compensation for Occupational Diseases Act , 1993 (Act No. 130 of 1993) for his company and each of his sub-contractors'.

8.2 No contractor may do any work for TFR without a valid letter of good standing. The Contractor must ensure that the Letter of Good Standing remains valid for the duration of the contract period.

8.3 The letter of good standing must reflect the name of the Contractor and/or Sub-contractor, registration number and, expiry date.

## 9. Management and Supervision

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 5 | 33



- 9.1 The Contractor and all subcontractors shall submit a SHE organogram outlining the site SHE management structure including the relevant appointments/competent persons or the intended appointments where such appointments have not been made.
- 9.2 The Contractor shall, in accordance with the OHS Act and applicable Regulations, make all the necessary appointments of competent persons in writing. Copies should also be retained on the SHE file.
- 9.3 In case of construction work, additional appointments must be made in terms of the Construction Regulations:
- 9.3.1 **Construction Manager** appointed fulltime on a single site with the duty of managing all the construction work including the duty of ensuring occupational health and safety compliance. The appointed construction manager may not manage any construction work on or in any construction site other than the site in respect of which he or she has been appointed.
- 9.3.2 A Contractor must upon having considered the size of the project, in writing appoint one or more **Assistant Construction Managers** for different sections thereof: Provided that the designation of any such person does not relieve the construction manager of any personal accountability for failing in his or her management duties in terms of this regulation.
- 9.3.3 A Construction Manager must in writing appoint **Construction Supervisors** responsible for construction activities and ensuring occupational health and safety compliance on the construction site.
- 9.3.4 No Construction Supervisor appointed may supervise any construction work on or in any construction site other than the site in respect of which he or she has been appointed: Provided that if a sufficient number of competent employees have been appropriately designated under on all the relevant construction sites, the appointed construction supervisor may supervise more than one site.
- 9.3.5 A Contractor must, upon having considered the size of the project, in writing appoint one or more competent employees for different sections thereof to assist the construction supervisor, and every such employee has, to the extent clearly defined by the contractor in the letter of appointment, the same duties as the construction supervisor: Provided that the designation of any such employee does not relieve the construction supervisor of any personal accountability for failing in his or her supervisory duties in terms of this regulation.
- 9.3.6 A Contractor shall in writing appoint a full-time or part-time **Construction Health and Safety Officer** in writing to assist in the control of all health and safety related aspects on the site. (The Construction Health and Safety Officer must be registered with the SACPCMP as from 07 August 2015).

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 6 | 33



- 9.3.7 The Construction Safety Officer shall have sound knowledge of the Occupational Health and Safety Act and its regulations, National Environmental Management Act, and associate environmental requirements such as Waste and Water Acts and sound knowledge of Hazard Identification and Risk Management processes
- 9.4 Subcontractors shall also make the above written appointments and the Contractor shall deliver copies thereof to the Contract Manager/Technical Officer.

## **10. SHE Committee Meetings and SHE Representatives**

- 10.1 Where required by legislation, the Contractor and subcontractors shall appoint SHE Representative/s in writing after consultation with employees and ensure that they are trained in performing their duties.
- 10.2 SHE Representatives duties shall include inspections of the workplace, taking part in incident investigations, risk assessments, attending SHE Committee meetings etc. Records of monthly inspections of SHE Representatives must be kept on the SHE file.
- 10.3 The number of SHE Representatives appointed shall be in accordance with the requirements of the Occupational Health and Safety Act 85 of 1993.
- 10.4 Where required by legislation, the Contractor must ensure that a project/site SHE Committee meeting is held monthly and minutes of such meeting shall be recorded and records kept on the SHE file. The Contractor representative and appointed SHE representatives shall attend the monthly SHE Committee meeting.
- 10.5 The Contract Manager/Technical Officer or his deputy shall be allowed to attend meetings of the Contractor's health and safety committee as an observer.
- 10.6 Subcontractors appointed by the Contractor shall have their own internal monthly SHE Committee meetings.

## **11. SHE Audits and Contractor Monthly Reports**

- 11.1 The TFR Contract Manager/Technical Officer or his deputy shall ensure that the Contractor's SHE Plan is audited at intervals mutually agreed to between them, but at least once every month to ensure that the SHE Plan is implemented and maintained on site.
- 11.2 TFR Safety Officers / Specialists shall at all reasonable times be allowed access to the work sites, the Contractor site offices and tool-sheds to inspect the Contractor's and its subcontractor's tools, equipment, registers and workplace.
- 11.3 Should any non-compliances or contraventions to the TFR safety requirements, legal requirements, this specification or the Contractor's SHE Plan be identified, such non-compliances or contraventions shall be rectified by the contractor at its cost immediately or within a period specified by the TFR Contract Manager/Technical Officer, his deputy, or TFR Safety Officers / Specialists.



- 11.4 Should the Contractor refuse or fail to rectify such non-compliances or contraventions, TFR may take remedial action at the Contractor's cost as it may deem necessary to ensure safety at the TFR sites at all times.
- 11.5 TFR reserves the right to conduct safety audits without prior warning.
- 11.6 The Contractor on all contracts of more than 1 month shall conduct its own safety audit and provide a monthly safety performance report as required by TFR.
- 11.7 The Monthly safety performance report shall be compiled in terms of Annexure 2 or in any format that the Contractor has as long as it includes all items listed in Annexure 2.

## **12. Training, Competence and Awareness**

### **12.1 Induction Training**

- 12.1.1 The Contractor shall ensure that all his employees and subcontractors employees undergo a TFR SHE Induction with regard to the general hazards prevalent on the site, rules and regulations, and other related aspects before commencing work. It is the responsibility of the contractor to inform TFR whenever new employees are appointed after the initial induction was conducted.
- 12.1.2 In addition to the TFR SHE induction, it is the responsibility of the Contractor to develop and implement a site specific SHE Induction programme, a job specific induction programme and a general employee SHE awareness programme, to develop awareness amongst employees on the generic SHE issues associated with the scope of work and the specific environmental issues in question.
- 12.1.3 The Contractor shall ensure that all visitors and suppliers to the site undergo and comply with Contractors' site-specific safety induction requirement prior to being allowed access to site. All visitors and suppliers shall sign the attendance register.
- 12.1.4 All visitors and suppliers shall wear the necessary personal protective equipment whilst on site and shall remain in the care of the host who understand the scope of work and associated risks.
- 12.1.5 The Contractor shall maintain comprehensive attendance records of SHE induction training on the SHE file.

### **12.2 Competency / Training**

- 12.2.1 The Contractor must ensure that all his employees are adequately trained to perform the tasks allocated to them and that there is the requisite amount of supervision at all times to maintain safe work practices and standards.



- 12.2.2 The Contractor shall identify training requirements of employees whose work may have a significant impact on their health and safety or that might create a significant impact upon the environment and ensure that these employees will receive appropriate training. A Training matrix shall be used as a mechanism to manage and control the training of employees.
- 12.2.3 The Contractor shall identify all training needs and incorporate the site specific training into the SHE plan.
- 12.2.4 Each Contractor shall be required to ensure that before an employee commences work on the Contract that the supervisor in control with responsibility for the employee has informed the employee of his scope of authority and any hazards associated with the work performed. This will include man-job specifications, the discussion of any standard task procedures or hazardous operational procedures to be performed by the employee
- 12.2.5 The Contractor is to ensure that the supervisor has satisfied himself that the employee is conversant with all hazards associated with any work to be performed by conducting task observations.
- 12.2.6 The Contractor must ensure that certificate/s of competence where applicable is/are provided in the SHE File.
- 12.2.7 The Contractor shall ensure that the Rail Road Vehicle is operated with TFR pilot, Depot Technical Officer and Rail Network Representative.

### **12.3 Awareness Training**

- 12.3.1 Awareness training required shall be identified for all employees on the Contract using the SHE Policy, the SHE Plan, the SHE programmes and procedures.
- 12.3.2 The Contractor shall have a daily safety talk. This talk shall include subcontractor employees.
- 12.3.3 The talk must be brief and concise. Subject topics should be applicable to the job at hand, incidents, accidents and up-and-coming work will be discussed along with suggestions and comments. These meetings can be used as a training meeting with the central idea of educating employees.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 9 | 33



### 13. Health and Safety Plan (SHE Plan)

- 13.1 Potential Contractor submitting tenders shall submit with their tender, a Health and Safety Plan setting out the practical arrangements and procedures to be implemented by him to ensure compliance by him with the OHS Act and Regulations, this SHE specification and particularly in respect of: -
- (a) The provision, as far as is reasonably practical, of a working environment that is safe and without risk to the health of his employees and subcontractors in terms of section 8 of the OHS Act;
  - (b) the execution of the contract work in such a manner as to ensure in terms of section 9 of the OHS Act that persons other than those in the Contractor's employment, who may be directly affected by the contract work are not thereby exposed to hazards to their health and safety;
  - (c) ensuring, as far as is reasonably practical, in terms of section 37 of the OHS Act that no employee or subcontractor of the Contractor does or omits to do any act which would be an offence for the Contractor to do or omit to do.
  - (d) Provide health and safety cost breakdown that covers health and safety cost elements for the duration of the contract and must be incorporated in the total contract cost.
- 13.2 The Contractor's Health and Safety Plan shall be based on a risk assessment in respect of the hazards to health and safety of his employees and other persons under his control that are associated with or directly affected by the Contractor's activities in performing the contract work and shall establish precautionary measures as are reasonable and practical in protecting the safety and health of such employees and persons.
- 13.3 The SHE Plan shall include full particulars in respect of: -
- (a) Safety Management Structure arrangements i.e. Appointments to be done and how;
  - (b) SHE Organisation arrangements i.e. SHE Committees, SHE Audits, Findings and Corrective Actions
  - (c) Risk Management i.e. Risk Assessment frequencies, methodology
  - (d) Education and Training i.e. safety induction, site / job specific training arrangements
  - (e) Emergency Planning and Fire prevention and protection
  - (f) Health and Safety Communication i.e. Toolbox talks, incident recall
  - (g) Safe working methods and procedures to be implemented i.e. safe work procedures, task observation



- (h) Fall Protection Plan i.e. documented plan, training/competency, medical surveillance, rescue plan
- (i) Personal protective Equipment and Clothing
- (j) Contract Security i.e. site access control and security
- (k) SHE Costs
- (l) Occupational Health i.e. Medical Surveillance, First Aid, Welfare Facilities, Substance Abuse testing, Noise, Vibration, Manual Handling etc.
- (m) Environmental management
- (n) Incident Management i.e. reporting and investigation
- (o) Operational Control
- (p) Review plan of the SHE Plan

- 13.5 The Contractor shall submit a final SHE Plan after awarding of the contract which shall be subject to the TFR Contract Manager/Technical Officer's approval and he may, in consultation with the Contractor, order that additional and/or supplementary practical arrangements and procedures be implemented and maintained by the Contractor or that different working methods or safety equipment be used or safety clothes be issued which, in the TFR Contract Manager/Technical Officer's opinion, are necessary to ensure full compliance by the Contractor with his obligations as an employer in terms of the OHS Act and Regulations.
- 13.6 The Contractor shall approve the SHE Plan of the subcontractor and further take reasonable steps to ensure that each subcontractor's SHE Plan is implemented and maintained on the site: Provided that the steps taken, shall include periodic audits at intervals mutually agreed to between them, but at least once every month.
- 13.7 The Contractor shall stop any subcontractor from executing any work, which is not in accordance with the Contractor's, and/or subcontractor's SHE Plan for the site or which poses a threat to the health and safety of persons.
- 13.8 The Contractor shall ensure that a copy of the SHE Plan is available on site for inspection by an inspector, TFR Contract Manager/Technical Officer, agent, subcontractor, employee, registered employee organisation, health and safety representative or any member of the health and safety committee.



## 14. Hazards Identification and Potential Hazardous Situations

- 14.1 The Contractor shall ensure a risk assessment is carried out by a competent person, appointed in writing, before commencement of any work and reviewed during the duration of the contract period. The Risk Assessments shall form part of the Health and Safety Plan to be applied on the site and shall include at least the following:
- (a) The identification of the risks and hazards (including ergonomic risks) that persons may be exposed to;
  - (b) The analysis and evaluation of the hazards identified;
  - (c) A documented plan, including safe work procedures to mitigate, reduce or control the; risks identified; and
  - (d) A monitoring and review plan.
- 14.2 Risk assessments shall be conducted by a competent person and such person shall use a documented method to analyse and evaluate identified risk and hazards.
- 14.3 The Contractor shall consult with the health and safety committee or, if no health and safety committee exists, with a representative group of employees, on the development, monitoring and review of the risk assessment
- 14.4 The risk assessment shall be reviewed when there are changes that affect the design of the structure that may affect the health, safety and environment on site or after an incident.
- 14.5 The Contractor shall ensure that all employees are to be informed, instructed and trained regarding any risks, hazard and related SHE procedures by a competent person as outlined in the risk assessment prior to commencement of work and thereafter at predetermined intervals as outlined in the monitoring plan.
- 14.6 The Contractor shall ensure that all subcontractors are informed regarding any hazard as stipulated in the risk assessment before any work commences, and thereafter at such intervals as may be determined in the risk assessment.
- 14.7 The risk assessment shall be available on site for review. Where a risk assessment is not readily available or not communicated to contractor employees, the activities shall be stopped until such time the contractor complies.
- 14.8 The Contractor and the TFR Contract Manager/Technical Officer shall immediately notify one another of any hazardous or potentially hazardous situations which may arise during performance of the contract or any subcontractor and, in particular, of such hazards as may be caused by the design, execution and/or location and any other aspect pertaining to the contract work.
- 14.9 The Contractor shall be required to analyse his scope of work and define these critical activities. For each activity, a risk assessment shall be required which defines systems and safe work procedures that will be used in order to complete the activity safely.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 12 | 33



- 14.10 Copies of all safe work procedures and proof that employees have been trained on those safe work procedures shall be kept on the SHE file.
- 14.11 Preliminary risk and hazard identification shall be conducted by the Contractor prior to work commencement on site. Should the Client's Agent (CHS Agent), TFR Contract Manager/Technical Officer or his duly nominated alternative identify hazardous activities performed by the Contractor on the site for which the Contractor has not submitted a risk assessment, the Contractor shall be required to do so before continuing with work.
- 14.12 The contractor shall conduct a COVID-19 risk assessment to give effect to minimum control measure required, taking into consideration the specific circumstances of the workplace and work activities. When conducting such a risk assessment, the contractor shall take into consideration measures required by the COVID-19 Occupational Health and Safety Measures in Workplaces.

## **15. Safety, Health and Environmental (SHE) File**

- 15.1 The Contractor shall prepare a SHE file and submit to TFR Contract Manager for approval prior to commencement of work on site. The file shall include all documentation required as per the OHS Act and applicable regulations.
- 15.2 The approval time of the file is at least 5 working days
- 15.3 The Contractor shall ensure that a copy of the both his SHE File as well as any subcontractor's SHE File is kept on site and made available to an inspector of the Department of Labour, the TFR Contract Manager/Technical Officer, or subcontractor upon request.
- 15.4 The Contractor shall hand over a consolidated SHE file to the TFR Contract Manager/Technical Officer upon completion of the Work and shall in addition to documentation mentioned in the OHS Act and applicable Regulations include a record of all drawings, designs, materials used and other similar information concerning the completed structure.

## **16. Occupational Health**

### **16.1 Medical Surveillance Programme**

- 16.1.1 The Contractor shall ensure that all his and subcontractor employees have a valid medical certificate of fitness issued by an Occupational Health Practitioner.
- 16.1.2 Medical certificate of fitness must be available and be kept in the SHE file.
- 16.1.3 The contractor shall develop and implement COVID 19 procedure and program to ensure the protection of employees and other persons.

### **16.2 Substance Abuse**



- 16.2.1 All Contractors must comply with the Transnet Substance Abuse Policy and Regulation 2A of the General Safety Regulations of the OHS Act.
- 16.2.2 No Contractor may possess, sell, offer to other person, use, store, manufacture, transport, distribute, or transfer drugs or alcohol during work hours, on or off TFR premises.
- 16.2.3 TFR will not tolerate substance abuse or use which put at risk the health and safety of its employees or threatens its services to our stakeholders. It is on this basis that a contractor employee will be considered unfit for work if:
- (a) He/she is subjected to alcohol screening and/or alcohol testing and is found to have alcohol in his/her breathe and/or blood;
  - (b) Refuses to undergo substance screening and/or testing;
  - (c) He /she produces a positive confirmatory test for any other substances, measured by sample analysis at a registered pathological laboratory and authorised by a medical practitioner; and/or
  - (d) Through observation by security personnel or TFR Contract Manager, it is evident that the contractor's physical, emotional, mental or behavioural state reflects that they are intoxicated or under the influence.
- 16.2.4 Any transgression of this policy will constitute a breach of the relevant contract and may result in the termination of services/contract.
- 16.2.5 Any contractor employee using medication that has a narcotic effect must declare before work to his / her supervisor.

### 16.3 Occupational Hygiene

- 16.3.1 The Contractor shall conduct Health Risk Assessments of all the Occupational Hygiene / Environmental stressors (e.g. noise, dust, illumination, HCS, heat & cold stressors, ergonomics, etc.) present in the area where they operate to determine if there is any possible worker exposure. Records of all these assessment should be documented and kept up to date.
- 16.3.2 The Contractor shall monitor the extent to which their employees are exposed to the occupational hygiene stressors. These assessments shall be conducted by an Approved Inspection Authority as listed on the Department of Labour database. The findings from these assessments should be kept on the SHE file, communicated to all affected parties and be reported to relevant authorities.

### 16.4 Welfare Facilities

- 16.4.1 The Contractor must ensure that all workplace facilities meet health, safety and welfare needs of all employees, including disabled persons where applicable.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 14 | 33



16.4.2 The Contractor must in addition to Facilities Regulations 2004, provide at or within reasonable access of every site, the following clean, hygienic and maintained facilities:

- (a) shower facilities, at least one shower facility per 15 persons
- (b) at least one sanitary facility for each sex and for every 30 workers
- (c) changing facilities for each sex; and
- (d) sheltered eating areas

16.4.3 The Contractor must provide reasonable and suitable living accommodation for the workers on sites who are far removed from their homes and where adequate transportation between the site and their homes or other suitable living accommodation, is not available.

## 16.5 First Aid requirements

16.5.1 The Contractor shall ensure that their employees receive prompt first aid treatment in case of injury or emergency. The Contractor must have the necessary equipment and/or facility on site for treatment of injured persons.

16.5.2 Contractor shall ensure that the first aid box / boxes are available and accessible. More first aid boxes shall be provided if the risks, distance between work teams, or the working environment requires it.

16.5.3 Taking into account the type of injuries that are likely to occur on site, the nature of activities performed and the number of employees on site, the Contractor shall ensure that the first aid box contain suitable first aid equipment which includes at least the minimum contents as listed on Annexure 1 of General Safety Regulation (GSR).

16.5.4 The Contractor must ensure that trained / certificated first-aid personnel are appointed and be available on site at all times. The ratio of first aiders to employees shall be 1:50.

## 16.6 Asbestos Control

16.6.1 The Contractor shall inform the TFR Contract Manager or TFR Contract Manager if during service work asbestos or suspected asbestos containing material is found. Only Asbestos Approved Contractor can work on asbestos containing material.

## 16.7 Noise

16.7.1 The Contractor shall ensure that the requirements of the Noise Induced Hearing Loss Regulations are complied with.

16.7.2 Contractor shall ensure that machinery and equipment are operated at noise levels not exceeding an equivalent level of 85-dB (A) during normal working conditions.

16.7.3 Where the noise levels at the Operator position or to employees working in the vicinity exceed an equivalent level of 85-dB (A) during normal working conditions, the Contractor shall take appropriate measures to reduce such levels to an equivalent level of 85-dB (A). The use of Personal Protective Equipment (PPE) should be the last resort.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 15 | 33



16.7.4 All employees exposed to noise must be trained on the effects of exposure, precautionary measures to be taken to prevent exposure and the correct use of PPE.

16.7.5 Noise zones must be demarcated as such.

## **16.8 Vibration**

16.8.1 Contractors must put measures to reduce the risks associated with hand–arm vibrations, avoid, whenever possible, the need for vibration equipment.

16.8.2 Contractor shall develop a good maintenance regime for tools and machinery. This may involve ensuring that tools are regularly sharpened, worn components are replaced or engines are regularly tuned and adjusted.

16.8.3 The Contractor must introduce a work pattern that reduces the time exposure to vibrations.

16.8.4 The Contractor shall issue employees with gloves and warm clothing. There is a debate as to whether anti-vibration gloves are really effective but it is agreed that warm clothing helps with blood circulation which reduces the risk of vibration white finger. Care must be taken so that the tool does not cool the hand of the operator.

## **16.9 Manual Handling**

16.9.1 Contractor must reduce risk of injury due to manual handling by using mechanical assistance involving the use of mechanical aids to assist the manual handling operation. Mechanical aids such as hand-powered hydraulic hoists, specially adapted trolleys, hoist for lifting patients and roller conveyors can be used.

16.9.2 Contractor shall ensure all employees involved in manual handling are trained in good lifting techniques.

## **16.10 Dust**

16.10.1 The Contractor shall monitor dust caused by their activities, mobile equipment, generators and other equipment. Factors such as wind can often affect the intensity to which the impact is experienced.

16.10.2 Dust suppression measures must be in place to reduce the dust caused by the activities on site.

16.10.3 Appropriate PPE should be provided to exposed employees.

## **16.11. Weather precautions**

16.11.1 In the event of adverse weather (high winds, flooding, storm surge, lightning etc) or other conditions, the Contractor must institute precautionary measures to protect employees on site.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 16 | 33



- 16.11.2 The Contractor shall take steps to prevent heat stroke, dehydration and exhaustion of employees as a result of exposure to excessive heat on site. Such steps may include employees taking regular breaks, consuming enough water, provision of sun brims for their hard hats and sun screen to protect them against sun burn.
- 16.11.3 The Contractor shall take steps to prevent hypothermia or dangerous overcooling of the body as a result of exposure to cold temperatures.

## **17 Incidents/Occurrences**

- 17.1 All incidents referred to in Regulation 9 of General Administration Regulations of the OHS Act and in terms of National Railway Safety Act 6 of 2002 (and applicable SANS Codes) involving the contractor and his subcontractor on TFR premises, shall be reported to the TFR Contract Manager and Department of Labour as prescribed by the OHS Act.
- 17.2 TFR Contract Manager must be forwarded with a copy of a report of any investigation, formal inquiry conducted in terms of Section 31 and 32 of the Act into any incident involving the contractor, his subcontractor, any person or machinery under his control on TFR premises.
- 17.3 TFR Contract Manager must be informed of the above incidents/occurrences before the end of shift when the incident/occurrence occurred.
- 17.4 The Contractor shall make available its employees to attend as witnesses when required so by TFR during an investigation into any incident where TFR believes the said contractor employees were witnesses or may assist in the investigation.
- 17.5 The Contractor shall make available to TFR any documents required to assist in their investigation.

## **18. SHE Cost**

- 18.1 The Contractor shall ensure that it has made adequate provision for the cost of health and safety measures in the tender offer.
- 18.2 The Contractor shall ensure that its subcontractors have made adequate provision for the cost of health and safety measures in the tender offer.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 17 | 33



## **19. Personal Protective Equipment (PPE)**

- 19.1 The Contractor shall ensure that all employees are provided with appropriate prescribed Personal Protective Equipment (PPE) free of charge (according to General Safety Regulations (2), suitable for the type of activities that the employees will perform.
- 19.2 Such PPE shall be in line with and approved by credible institution such as SABS, EN, or AN the National Department of Health, National Institute of Communicable Diseases and the National Institute for Occupational Health whether any additional PPE is required or recommended in any guidelines given the nature of the workplace or the nature of a worker's duties.
- 19.3 The Contractor shall manage the issuing of PPE and ensure that PPE is used at all times.
- 19.4 Employees shall be trained on the proper use of PPE.

## **20. Emergency Evacuation Plan and Procedure**

- 20.1 The Contractor must establish and implement an emergency evacuation plan to ensure that in the event of an emergency i.e fire, explosion, structural collapse etc. all staff is able to evacuate the area to a demarcated areas for the purpose.
- 20.2 The area so selected must be demarcated and the relevant "Assembly Point" sign displayed where applicable or use TFR nearest assembly point.
- 20.3 An Emergency Evacuation Procedure must be drawn up; all staff members and contractors shall be given awareness training and participate in regular evacuation drills.
- 20.4 The Contractor and its employees shall collaborate and adhere to TFR evacuation drills and requirements.

## **21. Access Control and Security**

- 21.1 The Contractor shall, before commencing any work, obtain from the TFR Contract Manager/Technical Officer a Site Access Certificate as in Annexure 1 executed and signed by him, permitting and limiting access to the designated site or place of work by the Contractor and any subcontractors under his control.
- 21.2 No Site Access Certificate will be granted to the Contractor who fails to comply with TFR minimum SHE requirements, with the SHE File not approved and without the SHE induction been concluded.
- 21.3 The contractor must assess the security risks and implement appropriate measures. All contractors are to strictly adhere to all security requirements on the premises.
- 21.4 The Contractor in collaboration with the TFR representative will ensure that proper access control is in place and functional at all times onto and out of the site. A form of access control will be issued to contractor employees who have been inducted and submitted copies of ID documents or work permits (where required).

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 18 | 33



21.5 Access Permits should be carried by a contract employee at all time when on site. Access Permits shall be produced at the point of entry / gate.

21.8 Contractors shall ascertain from TFR Contract Manager/Technical Officer the correct route along with their employees may proceed when coming on or going off shift and direct their employees accordingly.

## **22. Management of Subcontractors**

22.1 The Contractor is directly responsible for the actions of his contractors/sub-contractors.

22.2 The Contractor will also be responsible for initiating any remedial action (recovery plan) that may be necessary to ensure that the contractor complies with all requirements.

22.3 The Contractor shall provide any contractor who is making a bid or appointed to perform work, with the relevant sections of the documented SHE specification, who would in turn provide a SHE plan for approval.

22.4 The Contractor shall carry out monthly inspection/audits on the contractor/subcontractor to ensure that their SHE plan is being implemented and maintained and submit audit report to TFR Contract Manager.

22.5 The Contractor shall stop any contractor/subcontractor from executing work which poses a threat to the safety and health of persons or the environment.

22.6 The Contractor shall ensure that the contractor/sub-contractors appointed have the necessary competencies and resources to perform the work safely.

22.7 The Contractor will be required to submit 37(2) mandatory agreement between his contractor/subcontractor to the TFR Contract Manager

## **23. Environmental Management**

23.1 The Contractor shall identify, document and comply with all pertinent Environmental laws and associated Regulations, approvals, licenses and permits which are applicable to the Services and activities undertaken.

23.2 Before commencement with any of the services to be rendered to TFR, the Contractor shall make available all personnel who will be working on the specified contract to be given environmental induction training. All Contractor employees arriving on the site shall attend such induction.

23.3 The Contractor shall adhere to all instructions issued by Contract Manager or his /her delegated person in promotion of environmental management and legal compliance.

23.4 Service activities generating output levels of 85 db (A) or more shall be confined to the hours 08h00 to 17h00 Mondays to Fridays (close to residential areas).

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 19 | 33



- 23.5 No on-site burying or dumping of waste material shall occur. Waste must be collected by a licensed waste transporting contractor and disposed of at a licensed disposal site. Disposal certificate must be made available to TFR on request.
- 23.6 Waste bins must be provided in sufficient number and capacity to store solid waste produced on a daily basis. These bins must be kept closed and emptied regularly.
- 23.7 The Contractor must notify the Contract Manager immediately of any pollution incident. An incident record system shall be maintained on site for inspection by TFR and relevant authorities.
- 23.8 All vehicles and equipment's shall be kept in good working condition. All leaking equipment's shall be repaired immediately or removed from site. All vehicles and equipment shall be maintained and not emit excessive noise.
- 23.9 In case of major hydrocarbon spill or leakage as a result of equipment failure, Contract Manager must be made aware of such event and the affected area must be fenced off and be cleaned immediately to the reasonable satisfaction of the TFR Environmental Control Officer to prevent contamination of soil and both surface and groundwater.
- 23.10 The Contractor shall ensure that no spillage occurs when toilets are being cleaned or emptied and that the contents are removed from site by a licensed service provider.
- 23.11 Camps and site offices shall be fenced (where necessary) in consultation with the landowner.
- 23.12 The Contract Manager or TFR Contract Manager may, at his or her discretion stop any work, activity or process not in accordance with Environmental laws and associated Regulations, approvals, licenses and permits.
- 23.13 The contractor shall preserve wild life in terms of the NEMA.

## **24. Operational Safety**

### **24.1 National Railway Safety Regulator Act / Railway Safety**

- 24.1.1 The Contractor shall ensure that its equipment, machinery and employees when on TFR premises complies fully with all applicable railway safety requirements and/or regulations of the National Safety Regulator Act 16 of 2002 and the relevant SANS Codes of Practice.
- 24.1.2 The Contractor when engaging subcontractor must review the capability of the proposed contractor to comply with specified railway safety requirements and/or regulations.
- 24.1.3 The Contractor and/or his subcontractors must grant TFR access, during the term of the contract, to review any railway safety related activities, including the coordination of such activities across all parts of the organisation.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 20 | 33



24.1.4 The Contractor shall ensure that all his employees are protected from the risk of being hit by moving trains.

## 24.2 Special Permits

24.2.1 Where special work permits are required before work may be carried out such as for e.g. hot work (welding, cutting etc.), isolation, and occupations, the Contractor shall apply to the TFR Contract Manager/Technical Officer or the relevant authority for such permits to be issued. The Contractor shall strictly comply with the conditions and requirements pertaining to the issue of such work permits.

## 24.3 Vehicle Safety

With respect to vehicles and mobile plants the Contractor must ensure that:

24.3.1 They are of an acceptable design and construction, are maintained in a good working order and are used in accordance with their design and the intention for which they were designed

24.3.2 Are operated by a person who has received appropriate training, is certified competent and in possession of proof of competency and is authorised in writing to operate such vehicle and mobile plant;

24.3.3 Are operated by a person who has a medical certificate of fitness to operate those vehicle and mobile plant, issued by an occupational health practitioner;

24.3.4 Vehicles used to transport employees have seats firmly secured and adequate for the number of employees to be carried. No employees will be allowed to be transported at the back of LDV's / bakkies unless it is provided with a seat and safety belt and further that the risk assessment has indicated it to be a low risk.

24.3.5 Vehicles are fitted with structures designed to protect the operator from falling material or from being crushed should the vehicle or mobile plant overturn;

24.3.6 Vehicle must be equipped with an acoustic warning device which can be activated by the operator and an automatic acoustic reversing alarm

24.3.7 Vehicles must be inspected by the authorised operator or driver on a daily basis using a relevant checklist prior to use and that the findings of such inspection are recorded in a register kept in the vehicle or mobile plant.

24.3.8 No person rides or is required or permitted to ride on a vehicle or mobile plant otherwise than in a safe place provided thereon for that purpose.

24.3.9 All vehicles or mobile plant when not in use, have buckets, booms or similar appendages, fully lowered or blocked, controls in a neutral position, motors stopped, wheels chocked, brakes set and ignition secured.

24.3.10 Whenever visibility conditions warrant additional lighting, all mobile plant are equipped with at least two headlights and two taillights when in operation

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 21 | 33



- 24.3.11 Tools, material and equipment are secured and separated by means of a physical barrier in order to prevent movement when transported in the same compartment with employees.
- 24.3.12 Where applicable, also in collaboration with the TFR representative and other appropriate personnel develop a traffic management plan for the site to ensure the safe movement of all service vehicle related mobile plant where applicable
- 24.3.13 This plan is to be reviewed at the allocated SHE meeting to ensure its applicability where applicable. Where applicable the Contractor shall appoint traffic officials to manage the manoeuvre of mobile plant and vehicles on the site.
- 24.3.14 Those working or operating on public roads and rail comply with the requirements of the National Road Traffic Act, 1996 and National Railway Safety Regulator Act, 2000.
- 24.3.15 In case of COVID 19 outbreak, the contractor shall when transporting his employees to TFR premises comply with the regulations which outlines that 70% of the vehicle capacity can be utilised, vehicle is sanitised before and after transporting employees. All employees must sanitise their hands before getting into the vehicle and wear their face mask while in transit.

#### **24.4 Housekeeping and general safeguarding**

- 24.4.1 Contractor must ensure that suitable housekeeping is continuously implemented on each work site
- 24.4.2 The Contractor must ensure proper storage of materials and equipment and the removal of scrap, waste and debris at appropriate intervals.
- 24.4.3 The Contractor must ensure that materials required for use, are not placed on the site so as to obstruct means of access to and egress from workplaces and passageways
- 24.4.4 The Contractor must ensure that materials which are no longer required for use do not accumulate on and are removed from the site at appropriate intervals.

#### **24.5 Hazardous Chemical Substances (HCS)**

- 24.5.1 The Contractor must ensure that all employees exposed to hazardous chemicals are trained on the potential source of exposure, potential risk to health caused by exposure and measures to be taken by the contractor and employees against any risk of exposure.
- 24.5.2 HCS risk assessment to be conducted and where it indicates that any employee may be exposed, the contractor shall ensure that monitoring is carried out in terms of regulation 6 and 7 of the Hazardous Chemical Substances Regulations.
- 24.5.3 Employees exposed to hazardous substances shall be under medical surveillance



## 24.6 Stacking and Storage

- 24.6.1 The Contractor shall ensure that a competent person is appointed in writing with the duty of supervising all stacking and storage.
- 24.6.2 Adequate storage areas are provided, demarcated as storage areas and are kept neat and under control.

## 24.7 Fire Precautions and Fire Safety

- 24.7.1 The Contractor must ensure that all appropriate measures are taken to avoid the risk of fire. The Contractor shall comply with the fire precautions as stipulated in the Environmental Regulations for Workplaces, 1987.
- 24.7.2 Sufficient and suitable storage is provided for flammable liquids, solids and gases.
- 24.7.3 Smoking is prohibited and notices in this regard are prominently displayed in all places containing readily combustible or flammable materials
- 24.7.4 In confined spaces and other places in which flammable gases, vapours or dust can cause danger only suitably protected electrical installations and equipment, including portable lights, are used, there are no flames or similar means of ignition and adequate ventilation is provided.
- 24.7.5 The Contractor shall ensure that the work areas are clear, at all times, of any material, which could fuel a fire and that combustible materials do not accumulate, oily rags, waste and other substances liable to ignite are without delay removed to a safe place.
- 24.7.6 A thorough inspection is made of the work site at the end of any working period to ensure that no material is left at the work site or any situation left in such a manner that a fire or accident could result (all machines to be turned off at main switches, and cylinders to be closed and hoses deflated).
- 24.7.7 Welding, flame cutting and other hot work are done only after appropriate precautions have been taken to reduce the risk of fire.
- 24.7.8 Electric welding, oxy-welding or cutting, or any other fire hazardous equipment is not to be used inside or adjacent to electrical switch room, control room, cable duct, any electrical equipment or cables without the permission of the TFR Contract Manager.
- 24.7.9 Suitable and sufficient fire-extinguishing equipment is placed at strategic locations or as may be recommended by the Fire Chief or local authority concerned and that such equipment is maintained in a good working order.
- 24.7.10 The fire equipment is inspected by a competent person, who has been appointed in writing for that purpose, in the manner indicated by the manufacturer thereof
- 24.7.11 Sufficient number of employees are trained in the use of fire extinguishing equipment and familiarise themselves with locations of fire fighting equipment in the work site.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 23 | 33



24.7.12 There is an effective evacuation plan providing for all persons to be evacuated speedily without panic, accounted for and a siren is installed and sounded in the event of a fire.

24.7.13 Where appropriate, suitable visual signs are provided to clearly indicate the escape routes in the case of a fire and the means of escape is kept clear at all times.

24.7.14 The Contractor must ensure that fire fighting equipment are not to be used for any purpose other than their intended use.

## **24.8 Site Establishment and Demarcation of the site**

24.8.1 It is important that activities of the contractor(s) are conducted within a limited area to facilitate control and to minimize the impact on the existing natural environment and the surroundings landowners.

24.8.2 The Contractor shall demarcate the boundaries of the site in order to restrict activities to the site.

24.8.3 The method of demarcation and the location of the demarcated area shall be determined by the Contractor and approved by the TFR Contract Manager prior to any work being undertaken. The Contractor shall ensure that all his plant, labour and materials remain within the boundaries of the site.

24.8.4 Failure to do so may result in the Contractor being required to fence off the boundaries of the site at his own expense to the satisfaction of the TFR. The contractor is responsible for the safeguarding of his/her own equipment and material while on site.

## **24.9 Fall Protection Plan**

24.9.1 In the event of the risk and hazard identification, as required in terms of clause 14 of this Specification, revealing risks relating to working from an elevated position the contractor shall cause the designation of a competent person, responsible for the preparation of a fall protection plan;

24.9.2 The Contractor shall implement, maintain and monitor the fall protection plan for the duration of the contract. The Contractor shall also take such steps to ensure the continued adherence to the fall protection plan.

24.9.3 The fall protection plan shall include:-

- (a) a risk assessment of all work carried out from an elevated position;
- (b) the procedures and methods to address all the identified risks per location;
- (c) the evaluation of the employees physical and psychological fitness necessary to work at elevated positions;
- (d) the training of employees working from elevated positions;

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 24 | 33



(e) rescue plan; and

(f) the procedure addressing the inspection, testing and maintenance of all fall protection equipment

## **24.10 SHE Signage (Symbolic Safety Signs) on plant and in buildings**

24.10.1 The Contractor's employees shall comply with all SHE signage posted at various locations of TFR sites.

24.10.2 The Contractor shall after occupation of the site ensure that appropriate SHE signs (Symbolic Safety Signs) are displayed on site.

24.10.3 Where a Construction Work Permit has been issued to TFR for this contract, TFR shall provide a copy of such permit to the Contractor who in turn shall ensure that the site unique number as per the permit, is conspicuously displayed on site.

## **24.11 General Machinery, Tools and Equipment**

24.11.1 The Contractor shall ensure that all machinery, tools and equipment are identified, numbered or tagged, listed on an inventory list,

24.11.2 The Contractor shall ensure that all machinery, tools and equipment are safe to be used and is maintained in a good condition.

24.11.3 The Contractor shall ensure that all machines driven by means of belts, gear wheels, chains and couplings shall be adequately guarded in such a manner that persons cannot gain inadvertent access to the moving parts.

24.11.4 All machinery, tools and equipment to be regularly inspected at least monthly or as required by legislation and risk assessments. Records of such inspections shall be kept on the safety file.

24.11.5 Where applicable machinery, tools and equipment must have the necessary approved test or calibration documentation.

24.11.6 The Contractor shall ensure that all machinery, tools and equipment are operated by persons who have been trained to operate such machinery, tools or equipment.

## **24.12 Portable Electrical Tools**

24.12.1 The Contractor shall ensure that use and storage of all portable electrical tools comply with all applicable legislation.

24.12.2 The Contractor shall ensure that only trained employees are authorised to use portable electrical tools

24.12.3 The Contractor shall ensure that all portable electrical are kept in a safe working condition.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 25 | 33



24.12.4 All portable electrical tools are inspected monthly by a competent person and daily before use by the operator of such tool. Records of such inspections must be kept in the safety file.

24.12.5 Safety signs and barriers must be erected before tools are used.

24.12.6 Users / Operators of electrical power tools should be issued with suitable protective equipment

### **24.13 Lifting Machine, Lifting Tackle and Suspended Loads**

24.13.1 The Contractor shall ensure that lifting machine and tackle comply with Driven Machinery Regulation 18 and all other applicable legislative requirements and standards.

24.13.2 The Contractor shall ensure that lifting machine operators shall be competent to operate a lifting machine. They must be in possession of a valid permit. The training should have been done according to the Code of Practice by a provider registered by the Department of Labour.

24.13.3 A lock out system should be implemented to ensure that only an operator that is competent can draw lifting machines and fork lifts.

24.13.4 The Contractor shall ensure that before using any lifting machines or tackle the operator inspect it. Records of such inspections and examinations shall be kept on the safety file.

24.13.5 All lifting machines shall be examined and subjected to a performance test by an accredited person/company at intervals not exceeding 12 months.

24.13.6 All lifting tackle should be recorded on a register and should be examined by an accredited person/company at intervals not exceeding 3 months.

24.13.7 All hooks shall be fitted with a safety latch/catch.

24.13.8 All lifting tackle should be conspicuously and clearly marked with identification particulars and the maximum mass load which it is designed for.

24.13.9 No person shall be moved or supported by means of a lifting machine unless such a machine is fitted with a cradle approved by an inspector.

24.13.10 Rigging of loads to be done in accordance with acceptable safe work practices

24.13.11 Contractors and their employees shall keep out from under suspended loads, including excavators, and between a load and a solid object where they might be crushed if the load should swing or fall. They shall not pass or work under the boom or any crane or excavator.

24.13.12 Contractors and their employees shall ensure that crane loads are not carried over the heads of any workmen.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 26 | 33



24.13.13 The Contractor shall ensure proper supervision in terms of guiding the load including the use of guide ropes to prevent loads from swinging and a trained person to direct lifting operations and checking the lifting tackle and attachments daily.

## **24.14 Hand Tools and Pneumatic Tools**

24.14.1 All hand tools (hammers, chisels, spanners, etc) must be recorded on a register and inspected by a competent person on a monthly basis as well as by users prior to use.

24.14.2 All pneumatic tools should be numbered, recorded and inspected at least monthly as well as by users prior to use. And the revolutions per minutes measured in accordance with the manufacturer specifications

24.14.3 Tools with sharp points in tool boxes must be protected with a cover.

24.14.4 All files and similar tools must be fitted with handles.

24.14.5 The Contractor must have a policy on private and make shift tools on site.

24.14.6 No pneumatic tool shall be operated by using a compressed gas cylinder. Pneumatic equipment shall only draw supply from mobile air compressors or from compressed air lines installed within the premises.

## **24.15 Fatigue Management and Fit for Duty Processes**

24.15.1 The Contractor must ensure that it complies to the requirements of RSR 00-4-1.2016 Edition 1, Part 4-1 Human Factors Management-Fatigue Management standard.

24.15.2 The Contractor shall document, implement and maintain processes and procedures to identify, assess and mitigate the risks associated with fatigue's contributory factors.

24.15.3 The Contractor shall comply with TFR Fatigue Risk Management Plan (FRMP) and Fatigue Risk Management System (FRMS).

24.15.4 The Contractor shall collect data and report on their management of fatigue as outlined in Clause 8.3 of Part 4-1 Human Factors Management-Fatigue Management standard.

24.15.5 The Contractor shall document and implement fit for duty processes for all its employees.

## **24.16 Electrical Equipment**

The Contractor must ensure that:

24.16.1 Implementation and compliance with Electrical Installation Regulations, Electrical Machinery Regulations and OH&S Act.

24.16.2 All electrical installations, machinery and electrical work is performed in compliance with TFR Electrical Safety Instructions.

Contractor Signature.....

Date.....



- 24.16.3 Connections are not made to any power supply without the prior written approval of the TFR Contract Manager.
- 24.16.4 All electrical machines and appliances provided by the Contractor for his own use on the Site are in a serviceable condition
- 24.16.5 Power tools used on the Site are protected by residual current devices approved by TFR Contract Manager and are double insulated.
- 24.16.6 All extension cords, portable tools and electrical plant supplied at a voltage above 32 volts are inspected, tested and tagged by a Licensed Electrician at regular monthly intervals. Details of inspections and tests are kept in Log Books available for inspection by the TFR Contract Manager or any other authorised Officer of TFR.
- 24.16.7 All electrical installations are inspected by the TFR Contract Manager (or his nominee) to ensure that the installation complies with the Statutory Regulations applicable to the site and TFR Electrical Safety Instructions. Any installations deemed unsatisfactory by the TFR Contract Manager should be removed by the Contractor at his expense.
- 24.16.8 Portable lights have adequate stability and are fitted with a mechanical guard to protect the lamp. Temporary festoon lighting is of the 'double insulated' type and is supported at least 2.5m above the floor, if possible. Hand lamps are of the 'all insulated' type.
- 24.16.9 All temporary light fittings are supplied from more than one final sub-circuit, with the supply from a residual current device, extra low voltage source or an isolating transformer.
- 24.16.10 The Contractor must obtain approval from the TFR Contract Manager before any of his employees or Sub-contractors commence work within three (3) metres of conductor rails or high tension wires, or where there is a possibility of equipment coming close to and/or touching a power source, and must provide suitable protective insulating barriers. For the erection of scaffolding, the distance is five (5) metres.
- 24.16.11 Only authorised persons may enter Electrical Contactor Houses, Motor Rooms, Switch Rooms, Control Rooms or Cable Ducts. Should the Contractor require entering such places to carry out work, he must first obtain permission from the TFR Contract Manager and obtain a valid Permit to Work.
- 24.16.12 The Contractor's employees required to enter such electrical spaces "authorised persons", with the names entered in the TFR Authorised Persons Register, after receiving approval from the TFR Electrical Officer, or they are accompanied by an authorised person who must supervise the placement of Danger Tags and Out-of-Service Tags, as well as Electrical Isolation Permit.
- 24.16.13 Electrical equipment supply cabling distribution boards, fixed lighting and portable appliances, extension leads, welding machines, compressors, pumps and hand portable tools are inspected on a monthly basis and also by the user daily before use.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 28 | 33



24.16.14 Such monthly inspection(s) are to be performed by an appropriately qualified Electrician.

24.16.15 Contractors working on, over, under, or adjacent to railway lines and near high voltage equipment shall comply with the TFR E7/1 Specification for Works On, Over, Under or Adjacent to Railway Lines and Near High Voltage Equipment.

## **24.17 Work in Confined Space**

24.17.1 The Contractor shall ensure that a confined space is only entered by an employee or any other person only after the air therein has been tested and evaluated by a person who is competent to pronounce on the safety thereof, and who has certified in writing that the confined space is safe and will remain safe while any person is in the confined space, taking into account the nature and duration of the work to be performed therein.

24.17.2 the Contractor shall take steps to ensure that any confined space in which there exist or is likely to exist a hazardous gas, vapour, dust or fumes, or which has or likely to have, an oxygen content of less than 20 percent by volume, is entered by an employee or other person only when:

(a) the confined space is purged and ventilated to provide a safe atmosphere therein and measures necessary to maintain a safe atmosphere therein have been taken;

(b) the confined space is isolated from all pipes, ducts and other communicating openings by means of effective blanking other than the shutting or locking of a valve or a cock, or, if this is not practicable, only when all valves and cocks which are a potential source of danger have been locked and securely fastened by means of chains and padlocks.

24.17.3 The Contractor shall ensure that the provisions of General Safety Regulation 5 are complied with regard to work on confined space

24.17.4 The Contractor must take into consideration that a tunnel is defined as a confined space in terms of the General Safety Regulations and must ensure compliance to the above when working in tunnels.

## **24.18 COVID 19 Requirements**

24.18.1 The contractor shall complete and submit to the TFR Contract Manager a declaration stating that the contractor is permitted to operate in terms of the provisions of the Disaster Management Act 2002 (Act No 57 of 2002) and Regulations, Transnet COVID-19 Guidelines and COVID-19 Occupational Health and Safety Measures in Workplaces, COVID-19 (C19 OHS), 2020 and have prepared a COVID-19 Workplace Readiness Plan and shall operate within the regulated permissions and restrictions of applicable lockdown level.

24.18.2 The contractor must ensure that all its employees are trained on the health risks and hazards associated with COVID-19 and what precautionary measures they must follow

Contractor Signature.....

Date.....



for the protection of their health, including the proper use and maintenance of PPE. They are prepared and informed regarding updated rules, hygiene and behavioural practices, complete a "return to work interview" with their line manager and sign commitment to maintain social distancing.

- 24.18.3 The contractor shall ensure that every employee reporting for duty is screened to ascertain whether they have any observable symptoms associated with COVID-19 and require such employee to immediately inform the contractor if he/she experiences such symptoms
- 24.18.4 Non-essential physical work that requires close contact between workers should be avoided where it is possible to do so.
- 24.18.5 Where it is practicable, every employee must be issued with own tool for use for the duration of the shift. Tools and equipment in stores should be sanitised before issued and on return to the stores.
- 24.18.6 Washing hands facilities must be provided on site, and where it is not available, employees should be provided with hand sanitisers. Employees should be encouraged to regularly wash their hands.
- 24.18.7 Alcohol testing on site should be managed in such a way that no employee is exposed to the virus and contractors must promote personal hygiene. Breathalyzer equipped with disposable mouthpieces shall be used and shall be cleaned and/or disinfected after every use.
- 24.18.8 All non-essential visitors to site are not allowed, only suppliers are allowed. Suppliers must be advised in advance of the COVID-19 site screening tests and required COVID-19 PPE requirements for the site.
- 24.18.9 Where site meetings are held, only absolutely necessary meeting participants should attend. Social distancing should be maintained.
- 24.18.10 The contractor shall when transporting his employees to TFR premises comply with the regulations which outlines that 70% of the vehicle capacity can be utilised.
- 24.18.11 The contractor shall inform the TFR Contract Manager when any of its employees working on TFR premises has been diagnosed with COVID-19. The contractor shall investigate the cause and control failure and review its risk assessment to ensure that the necessary controls and PPE requirements are in place.

## 25. Confidentiality

- 25.1 The Contractor must, at all times, consider all data or information given to him or that is required in connection with the work of the Company, as confidential and not makes unauthorized use of it.
- 25.2 He/she must ensure that such data or information is not given to any non-employee of the contractor without written consent of the TFR Contract Manager.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 30 | 33



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

- 25.3 The Contractor shall be aware of the confidentiality of the mentioned information and is compelled to treat it accordingly.
- 25.4 The contractor must provide adequate physical protection for any confidential documents, etc, which were obtained from Transnet in connection with the contract work as well as any copies made thereof. If any documents or sketches are lost TFR must be notified immediately.

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 31 | 33

**ANNEXURE 1****CONTRACTOR MONTHLY SHE REPORT**

|                            |                                    |                                                 |                                                      |             |
|----------------------------|------------------------------------|-------------------------------------------------|------------------------------------------------------|-------------|
| <b>For Month/Year</b>      |                                    | <b>Name of Contractor</b>                       |                                                      |             |
| <b>Name of Project</b>     |                                    |                                                 |                                                      |             |
| <b>Contract Number</b>     | <b>Date of Commencement</b>        | <b>Date of Completion</b>                       |                                                      |             |
|                            |                                    |                                                 |                                                      |             |
| <b>Number of employees</b> | <b>Man-hours worked this Month</b> | <b>Cumulative (Contract duration man-hours)</b> | <b>Man-hours Since last Lost Time Incident (LTI)</b> | <b>DIFR</b> |
|                            |                                    |                                                 |                                                      |             |

**1. Details of SHE Incidents**

|                                             |                   |                                      |                                                                                       |
|---------------------------------------------|-------------------|--------------------------------------|---------------------------------------------------------------------------------------|
| <b>Incident</b>                             | <b>This Month</b> | <b>Cumulative(Contract duration)</b> | <b>Short description of major/significant incidents and preventative action taken</b> |
| <b>Number of fatalities</b>                 |                   |                                      |                                                                                       |
| <b>Number of disabling incidents</b>        |                   |                                      |                                                                                       |
| <b>Number of Medical Treatment Cases</b>    |                   |                                      |                                                                                       |
| <b>Number of first aid Cases</b>            |                   |                                      |                                                                                       |
| <b>Number of near miss incidents</b>        |                   |                                      |                                                                                       |
| <b>Motor vehicle incidents</b>              |                   |                                      |                                                                                       |
| <b>Number of environmental incidents</b>    |                   |                                      |                                                                                       |
| <b>Positive substance abuse incidents</b>   |                   |                                      |                                                                                       |
| <b>Substandard Act/ Conditions observed</b> |                   |                                      |                                                                                       |
| <b>Legal violations observed</b>            |                   |                                      |                                                                                       |

Contractor Signature.....

TRN-IMS-GRP-GDL-014.2

©Transnet SOC Ltd

Version 1.0

Date.....

Page 32 | 33



TRANSNET FREIGHT RAIL

ENQUIRY: SIC21020CIDB (HOAC\_HO\_37028)

DESCRIPTION OF THE SERVICES: MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK BALLAST REGULATING MACHINES COUNTRYWIDE ON AN 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF EIGHTY-FOUR (84) MONTHS.

**2. Details of SHE Meetings**

| Date | No of participants | Major SHE Concerns | Action taken |
|------|--------------------|--------------------|--------------|
|      |                    |                    |              |
|      |                    |                    |              |
|      |                    |                    |              |
|      |                    |                    |              |

**3. Details of Audits/Inspections**

| Date | Area / Facility | Findings/Recommendations | Action taken |
|------|-----------------|--------------------------|--------------|
|      |                 |                          |              |
|      |                 |                          |              |
|      |                 |                          |              |
|      |                 |                          |              |

**5. Details of any SHE Promotional activities for the month**

| Date | Activity | Remarks |
|------|----------|---------|
|      |          |         |
|      |          |         |
|      |          |         |
|      |          |         |

**6. Safety Communication**

| Month | Number of Safety talks held | Remarks |
|-------|-----------------------------|---------|
|       |                             |         |

Attach separate sheets for further or other details

.....  
Name of Contractor Representative.....  
Signature.....  
DateContractor Signature.....  
TRN-IMS-GRP-GDL-014.2  
©Transnet SOC Ltd

Version 1.0

Date.....

# MANDATORY AGREEMENT

OCCUPATIONAL HEALTH AND SAFETY ACT 85 of 1993 (AS AMENDED)

## AGREEMENT WITH MANDATORY

In terms of Section 37(1) & (2)

## WRITTEN AGREEMENT ENTERED INTO AND BETWEEN

### Transnet SOC Ltd

(Hereinafter referred to as the Employer)

### AND

-----

(Hereinafter referred to as Mandatory (Principal Contractor))

**Compensation Fund Number** :

**Project Name** :

## TABLE OF CONTENTS

### 1. DEFINITIONS

### 2. INTERPRETATION

- 3. REPORTING**
- 4. WARRANTY OF COMPLIANCE**
- 5. APPOINTMENTS AND TRAINING**
- 6. SUPERVISION, DISCIPLINE AND REPORTING**
- 7. ACCESS TO THE OHS ACT**
- 8. COOPERATION**
- 9. WORK PROCEDURES**
- 10. HEALTH AND SAFETY MEETINGS**
- 11. COMPENSATION REGISTRATION**
- 12. MEDICAL EXAMINATIONS**
- 13. INCIDENT REPORTING AND INVESTIGATION**
- 14. SUBCONTRACTORS**
- 15. SECURITY AND ACCESS**
- 16. FIRE PRECAUTIONS AND FACILITIES**
- 17. ABLUTION FACILITIES**
- 18. HYGIENE AND CLEANLINESS**
- 19. NO NUISANCE**
- 20. INTOXICATION NOT ALLOWED**
- 21. PERSONAL PROTECTIVE EQUIPMENT**
- 22. PLANT, MACHINERY AND EQUIPMENT**
- 23. NO USAGE OF EMPLOYER'S EQUIPMENT**
- 24. TRANSPORT**
- 25. CLARIFICATION**
- 26. DURATION OF AGREEMENT**
- 27. NON COMPLINCE**
- 28. HEADING**

#### **PREAMBLE**

**WHEREAS** section 37(1) & (2) of the Occupational Health and Safety Act No 85 of 1993 ("the Act") requires that parties have an agreement in writing to ensure compliance by a mandatory in line with the provisions of the Act.

**AND WHEREAS** Transnet SOC Ltd requires the services of the Contractors to execute certain projects within its workshops.

**AND WHEREAS** TRANSNET SOC LTD can be better served by Contractors who have the infrastructure, specialist employees and expertise to execute such projects at the highest level of efficiency on short notice.

**NOW THEREFORE the parties agree as follows;**

## 1. DEFINITIONS

For the purpose of this agreement, unless the context indicates otherwise, the following definitions are set out for the terms indicated:

- 1.1 **"Act"** means the Occupational Health and Safety Act No 85 of 1993;
- 1.2 **"Agreement"** means this Mandatory agreement;
- 1.3 **"Contractor "** means the Mandatory;
- 1.4 **"COID Act"** means the Compensation for Occupational Injuries and Diseases Act No 130 of 1993.
- 1.5 **"Effective Date"** means the date of signature of this Agreement by the last party signing hereto;
- 1.6 **"Employer"** refers to TRANSNET SOC LTD;
- 1.7 **"Mandatory"** means an agent, Contractor or sub-contractor for work, but without derogating from the status in his own right as an employer or user;
- 1.8 **"Parties"** means TRANSNET SOC LTD and the Contractor, and **"Party"** shall mean either one of them, as the context indicates;
- 1.9 **"Principal Contract"** means the appointed contractor whereby such contractor has to provide goods and or services to TRANSNET SOC LTD.
- 1.10 **"Regulations"** means regulations promulgated in terms of the relevant legislation.
- 1.11 **"Section"** means the relevant section of the Occupational Health and Safety Act No 85 of 1993
- 1.12 **"Services"** means the services to be provided by the Contractor to TRANSNET SOC LTD.
- 1.13 **"TRANSNET SOC LTD"** means Transnet Group and all its operating divisions and Specialist units with (Registration No. **1990/000900/06**), a public company incorporated in accordance with the company laws of the Republic of South Africa;

## 2. INTERPRETATION

- 2.1 Clause headings in this Agreement are included for ease of reference only and do not form part of this Agreement for the purposes of interpretation or for any other purpose. No provision shall be construed against or interpreted to the disadvantage of either Party hereto by reason of such Party having or being deemed to have structured or drafted such provision.
- 2.2 Any term, word or phrase used in this Agreement, other than those defined under the clause heading "Definitions" shall be given its plain English meaning, and those terms, words, acronyms, and phrases used in this Agreement will be interpreted in accordance with the generally accepted meanings accorded thereto.
- 2.3 A reference to the singular incorporates a reference to the plural and vice versa.
- 2.4 A reference to natural persons incorporates a reference to legal persons and vice versa.
- 2.5 A reference to a particular gender incorporates a reference to the other gender.

### **3. REPORTING**

- 3.1 The Mandatary and/or his designated person appointed in terms of Section 16(2) of the Occupational Health and Safety Act 85 of 1993 ("the OHS Act") shall report to the Risk Manager and/or a Project Manager and/or a representative designated by the Employer prior to commencing the work at the premises of the Employer.

### **4. WARRANTY OF COMPLIANCE**

- 4.1 In terms of this Agreement the Mandatary warrants that he agrees to any of the arrangements and procedures as prescribed by the Employer and as provided for in terms of Section 37(2) of the OHS Act for the purposes of compliance with the OHS Act.
- 4.2 The Mandatary further warrants that he and/or his employees undertake to maintain such compliance with the OHS Act. Without derogating from the generality of the above, nor from the provisions of the said Agreement, the Mandatary shall ensure that the clauses as hereunder described are at all times adhered to by himself and his employees.
- 4.3 The Mandatary hereby undertakes to ensure that the health and safety of any other person on the premises is not endangered by the conduct of his activities and that of his employees.

### **5. APPOINTMENTS AND TRAINING**

- 5.1 The Mandatary shall appoint competent persons as per Section 16(2) of the OHS Act. Any such appointed person shall be trained on any occupational health and safety matter and the OHS Act provisions pertinent to the work is to be performed under his responsibility. Copies of any appointments made by the Mandatary shall immediately be provided to the Employer.
- 5.2 The Mandatary shall further ensure that all his employees are trained on the health and safety aspects relating to the work to be done on the premises of the Employer and that they understand the hazards associated with such work being carried out on the premises. Without derogating from the foregoing, the Mandatary shall, in particular, ensure that all his users or operators of any materials, machinery or equipment are properly trained in the use of such materials, machinery or equipment.
- 5.3 Notwithstanding the provisions of the above, the Mandatary shall ensure that he, his appointed responsible persons and his employees are at all times familiar with the provisions of the OHS Act, and that they comply with the provisions of the Act.

### **6. SUPERVISION, DISCIPLINE AND REPORTING**

- 6.1 The Mandatary shall ensure that all work performed on the Employer's a premise is done under strict supervision and that no unsafe or unhealthy work practices are permitted. Discipline regarding health and safety matters shall be strictly enforced against any of his employees regarding non-compliance by such employee with any health and safety matters.
- 6.2 The Mandatary shall further ensure that his employees report to him all unsafe or unhealthy work situations immediately after they become aware of such conditions and that he in turn immediately reports these to the Employer and/or his representative.

### **7. ACCESS TO THE OHS ACT**

- 7.1 The Mandatary shall ensure that he has an updated copy of the OHS Act on site at all times and that this is accessible to his appointed responsible persons and employees, save that the parties may make arrangements for the Mandatary and his appointed responsible persons and employees to have access to the Employer's updated copy/copies of the Act.

### **8. COOPERATION**

- 8.1 The Mandatary and/or his responsible persons and employees shall provide full co-operation and information if and when the Employer or his representative inquires into any occupational health and safety issues concerning the Mandatary. It is hereby recorded that the Employer and his representative shall at all times be entitled to make such inquiry.



- 8.2 Without derogating from the generality of the above, the Mandatary and his responsible persons shall make available to the Employer and his representative, on request, all and/or any checklists and inspection registers required to be kept by him in respect of any of his materials, machinery or equipment.

## 9. WORK PROCEDURES

- 9.1 The Mandatary shall, after having established the dangers associated with the work performed, develop and implement mitigation measures to minimize or eliminate such dangers for the purpose of ensuring a healthy and safe working environment. The Mandatary shall then ensure that his responsible persons and employees are familiar with such mitigation measures.
- 9.2 The Mandatary shall implement any other safe work practices as prescribed by the Employer and shall ensure that his responsible persons and employees are made conversant with such other safe work practices as prescribed by the Employer and that his responsible persons and employees adhere to such safe work practices.
- 9.3 The Mandatary shall ensure that work for which any permit is required by the Employer is not performed by his employees prior to the Employer obtaining such permit from the Mandatary.

## 10. HEALTH AND SAFETY MEETINGS

- 10.1 If required in terms of the OHS Act, the Mandatary shall establish his own health and safety committee(s) and ensure that his employees, being the committee members, provide health and safety representatives to attend the Employer's health and safety committee meetings.

## 11. COMPENSATION REGISTRATION

- 11.1 The Mandatary shall ensure that he has a valid proof of registration with the Compensation Commissioner, as required in terms of **COID Act**, and that all payments owing to the Commissioner are discharged. The Mandatary shall further ensure that the cover remain in force while any such employee is present on the premises.

## 12. MEDICAL EXAMINATIONS

- 12.1 The Mandatary shall ensure that all his employees undergo routine medical examinations and that they are medically fit for the purposes of the work they are to perform.

## 13. INCIDENT REPORTING AND INVESTIGATION

- 13.1 All incidents referred to in Section 24 of the OHS Act shall be reported by the Mandatary to the Department of Labour and to the Employer. The Employer shall further be provided with copies of any written documentation relating to any incident.
- 13.2 The Employer retains an interest in the reporting of any incident as described above as well as in any formal investigation and/or inquiry conducted in terms of section 32 of the OHS-Act into such incident.

## 14. SUBCONTRACTORS

- 14.1 The Mandatary shall notify the Employer of any subcontractor he may wish to perform work on his behalf on the Employer's premises. It is hereby recorded that all the terms and provisions contained in this clause shall be equally binding upon the subcontractor prior to the subcontractor commencing with the work. Without derogating from the generality of this paragraph:
- 14.1.1 The Mandatary shall ensure that training as discussed under appointments and training, is provided prior to the subcontractor commencing work on the Employer's premises.
- 14.1.2 The Mandatary shall ensure that work performed by the subcontractor is done under his strict supervision, discipline and reporting.
- 14.1.3 The Mandatary shall inform the Employer of any health and safety hazards and/or issue that the subcontractor may have brought to his attention.



- 14.1.4 The Mandatary shall inform the Employer of any difficulty encountered regarding compliance by the subcontractor with any health and safety instruction, procedure and/or legal provision applicable to the work the subcontractor performs on the Employer's premises.

## **15. SECURITY AND ACCESS**

- 15.1 The Mandatary and his employees shall enter and leave the premises only through the main gate(s) and/or checkpoint(s) designated by the Employer. The Mandatary shall ensure that employees observe the security rules of the Employer at all times and shall not permit any person who is not directly associated with the work from entering the premises.
- 15.2 The Mandatary and his employees shall not enter any area of the premises that is not directly associated with their work.
- 15.3 The Mandatary shall ensure that all materials, machinery or equipment brought by him onto the premises are recorded at the main gate(s) and/or checkpoint(s). Failure to do this may result in a refusal by the Employer to allow the materials, machinery or equipment to be removed from the Employer's premises.

## **16. FIRE PRECAUTIONS AND FACILITIES**

- 16.1 The Mandatary shall ensure that an adequate supply of fire-protection and first-aid facilities are provided for the work to be performed on the Employer's premises, save that the Parties may mutually make arrangements for the provision of such facilities.
- 16.2 The Mandatary shall further ensure that all his employees are familiar with fire precautions at the premises, which includes fire-alarm signals and emergency exits, and that such precautions are adhered to.

## **17. ABLUTION FACILITIES**

- 17.1 The Mandatary shall ensure that an adequate supply of ablution facilities are provided for his employees performing work on the Employer's premises, save that the parties may mutually make arrangements for the provision of such facilities.

## **18. HYGIENE AND CLEANLINESS**

- 18.1 The Mandatary shall ensure that the work site and surround area is at all times maintained to the reasonably practicable level of hygiene and cleanliness. In this regard, no loose materials shall be left lying about unnecessarily and the work site shall be cleared of waste material regularly and on completion of the work.

## **19. NO NUISANCE**

- 19.1 The Mandatary shall ensure that neither he nor his employees undertake any activity that may cause environmental impairment or constitute any form of nuisance to the Employer and/or his surroundings.
- 19.2 The Mandatary shall ensure that no hindrance, hazard, annoyance or inconvenience is inflicted on the Employer, another Mandatary or any tenants. Where such situations are unavoidable, the Mandatary shall give prior notice to the Employer.

## **20. INTOXICATION NOT ALLOWED**

- 20.1 No intoxicating substance of any form shall be allowed on site. Any person suspected of being intoxicated shall not be allowed on the site. Any person required to take medication shall notify the relevant responsible person thereof, as well as the potential side effects of the medication.

## **21. PERSONAL PROTECTIVE EQUIPMENT**

- 21.1 The Mandatary shall ensure that his responsible persons and employees are provided with adequate personal protective equipment (PPE) for the work they may perform and in accordance with the requirements of General Safety Regulation 2 (1) of the OHS Act. The Mandatary shall further ensure that his responsible persons and employees wear the PPE issued to them at all material times.

## **22. PLANT, MACHINERY AND EQUIPMENT**

- 22.1 The Mandatary shall ensure that all the plant, machinery, equipment and/or vehicles he may wish to utilize on the Employer's premises is/are at all times of sound order and fit for the purpose for which it/they is/are attended to, and that it/they complies/comply with the requirements of Section 10 of the OHS Act.
- 22.2 In accordance with the provisions of Section 10(4) of the OHS Act, the Mandatary hereby assumes the liability for taking the necessary steps to ensure that any article or substance that it erects or installs at the premises, or manufactures, sells or supplies to or for the Employer, complies with all the prescribed requirements and will be safe and without risks in terms of health and safety when properly used.

## **23. NO USAGE OF THE EMPLOYER'S EQUIPMENT**

- 23.1 The Mandatary hereby acknowledges that his employees are not permitted to use any materials, machinery or equipment of the Employer unless the prior written consent of the Employer has been obtained, in which case the Mandatary shall ensure that only those persons authorized to make use of such materials, machinery or equipment, have access thereto.

## **24. TRANSPORT**

- 24.1 The Mandatary shall ensure that all road vehicles used on the premises are in a roadworthy condition and are licensed and insured. The Mandatary shall ensure that all drivers shall have relevant and valid driving licenses and the Mandatary shall ensure that no vehicle/s shall carry passengers unless it is specifically designed to do and that all drivers shall adhere to the speed limits and road signs on the premises at all times.
- 24.2 In the event that any hazardous substances are to be transported on the premises, the Mandatary shall ensure that the requirements of the Hazardous Substances Act 15 of 1973 are complied with fully all times.

## **25. CLARIFICATION**

- 25.1 In the event that the Mandatary requires clarification of any of the terms or provisions of this Agreement, he should take the necessary steps to contact the Risk Manager of the Employer to obtain such clarification.

## **26. DURATION OF AGREEMENT**

- 26.1 This Agreement shall remain in force for the duration of the work to be performed by the Mandatary and/or while any of the Mandatary's employees are present on the Employer's premises.

## **27. NON COMPLIANCE WITH THE AGREEMENT**

- 27.1 If the Mandatary fails to comply with any provisions of this Agreement, the Employer shall be entitled to give the mandatory 7 (seven) days written notice to remedy such non-compliance and if the Mandatary fails to comply with such notice, then the Employer shall forthwith be entitled but not obliged, without prejudice to any other rights or remedies which the mandatory may have in law,
- 271.1 to suspend the main Agreement; or
- 271.2 To claim immediate performance and/or payment of such obligations.
- 27.2 Should mandatory continue to breach the contract on three occasions, then the Employer is authorised to suspend the main contract without complying with the condition stated in the clause above.

## 29. HEADINGS

The headings as contained in this Agreement are for reference purposes only and shall not be construed as having any interpretative value in them or as giving any indication as to the meaning of the contents of the paragraphs contained in this Agreement.

### Thus done and signed

at \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 201\_\_

\_\_\_\_\_  
**For and on behalf of the Employer**

### Witnesses:

1. \_\_\_\_\_

2. \_\_\_\_\_

at \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 201\_\_

\_\_\_\_\_  
**for and on behalf of the Mandatary**

### Witnesses:

3. \_\_\_\_\_

4. \_\_\_\_\_



Transnet SOC Limited Registration Number 1990/00900/06

## **TRANSNET SPECIFICATION**

---

### **E7/1 - SPECIFICATION FOR GENERAL WORK AND WORKS ON, OVER, UNDER OR ADJACENT TO RAILWAY LINES AND NEAR HIGH VOLTAGE EQUIPMENT**

---

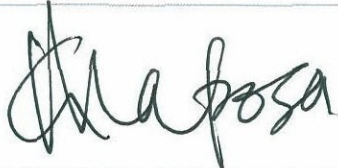
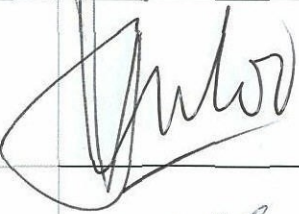
(This specification shall be used in network operator contracts)

Circulation Not Restricted

© This document as a whole is protected by copyright. The information herein is the sole property of Transnet SOC Ltd. It may not be used, disclosed or reproduced in part or in whole in any manner whatsoever, except with the written permission of and in a manner permitted by the proprietors.

*(This page not to be issued with contract)*

# SPECIFICATION FOR GENERAL WORK AND WORKS ON, OVER, UNDER OR ADJACENT TO RAILWAY LINES AND NEAR HIGH VOLTAGE EQUIPMENT

|             |                                                                       |                 |                                                                                                     |
|-------------|-----------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------|
| Author:     | Project Manager<br>Capital Program (Electrical)                       | G. Maposa       |                  |
| Approved:   | Senior Engineer<br>Infra Engineering<br>(Train Authorisation Systems) | J. van den Berg |                  |
| "           | Principal Engineer<br>Infra Engineering (Track)                       | M. Marutla      |                  |
| "           | Principal Engineer<br>Infra Engineering (Structures)                  | J. Homan        |                 |
| "           | Principal Engineer<br>Infra Engineering (Electrical)                  | J. Vosloo       |                 |
| "           | Principal Engineer<br>Technology Management (Electrical)              | W. Coetzee      |                |
| "           | Chief Engineer<br>Transport Telecoms                                  | D. Botha        | <br>17 June 11 |
| Authorised: | Chief Engineer<br>Infrastructure Engineering                          | J. van Aardt    | <br>2011/06/30  |

Date: May 2011

(This page not to be issued with contract)



Transnet SOC Limited Registration Number 1990/00900/06

## **TRANSNET SPECIFICATION**

---

### **E7/1 - SPECIFICATION FOR GENERAL WORK AND WORKS ON, OVER, UNDER OR ADJACENT TO RAILWAY LINES AND NEAR HIGH VOLTAGE EQUIPMENT**

---

(This specification shall be used in network operator contracts)

Circulation Not Restricted

© This document as a whole is protected by copyright. The information herein is the sole property of Transnet SOC Ltd. It may not be used, disclosed or reproduced in part or in whole in any manner whatsoever, except with the written permission of and in a manner permitted by the proprietors.

## CONTENTS

| <u>CLAUSE</u>                                                                            | <u>HEADING</u>                                                                              | <u>PAGE</u> |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|
| 1.0                                                                                      | SCOPE                                                                                       | 3           |
| 2.0                                                                                      | DEFINITIONS                                                                                 | 3           |
| <b>PART A - GENERAL SPECIFICATION</b>                                                    |                                                                                             |             |
| 3.0                                                                                      | AUTHORITY OF OFFICERS OF TRANSNET                                                           | 4           |
| 4.0                                                                                      | CONTRACTOR'S REPRESENTATIVES AND STAFF                                                      | 4           |
| 5.0                                                                                      | OCCUPATIONS AND WORK PERMITS                                                                | 4           |
| 6.0                                                                                      | SPEED RESTRICTIONS AND PROTECTION                                                           | 5           |
| 7.0                                                                                      | ROADS ON THE NETWORK OPERATOR'S PROPERTY                                                    | 5           |
| 8.0                                                                                      | CLEARANCES                                                                                  | 5           |
| 9.0                                                                                      | STACKING OF MATERIAL                                                                        | 5           |
| 10.0                                                                                     | EXCAVATION, SHORING, DEWATERING AND DRAINAGE                                                | 5           |
| 11.0                                                                                     | FALSEWORK FOR STRUCTURES                                                                    | 6           |
| 12.0                                                                                     | PILING                                                                                      | 6           |
| 13.0                                                                                     | UNDERGROUND SERVICES                                                                        | 6           |
| 14.0                                                                                     | BLASTING AND USE OF EXPLOSIVES                                                              | 6           |
| 15.0                                                                                     | RAIL TROLLEYS                                                                               | 7           |
| 16.0                                                                                     | SIGNAL TRACK CIRCUITS                                                                       | 7           |
| 17.0                                                                                     | PENALTY FOR DELAYS TO TRAINS                                                                | 7           |
| 18.0                                                                                     | SURVEY BEACONS AND PEGS                                                                     | 7           |
| 19.0                                                                                     | TEMPORARY LEVEL CROSSINGS                                                                   | 8           |
| 20.0                                                                                     | COMPLETION OF THE WORKS                                                                     | 8           |
| 21.0                                                                                     | PROTECTION OF PERSONS AND PROPERTY                                                          | 9           |
| 22.0                                                                                     | INTERFERENCE WITH THE NETWORK OPERATOR'S ASSETS AND WORK<br>ON OPEN LINES                   | 10          |
| 23.0                                                                                     | ACCESS, RIGHTS-OF-WAY AND CAMPSITES                                                         | 10          |
| 24.0                                                                                     | SUPERVISION                                                                                 | 10          |
| 25.0                                                                                     | HOUSING OF EMPLOYEES                                                                        | 10          |
| 26.0                                                                                     | OPTICAL FIBRE CABLE ROUTES                                                                  | 10          |
| <b>PART B - ADDITIONAL SPECIFICATION FOR WORK NEAR HIGH-VOLTAGE ELECTRICAL EQUIPMENT</b> |                                                                                             |             |
| 27.0                                                                                     | GENERAL                                                                                     | 11          |
| 28.0                                                                                     | WORK ON BUILDINGS OR FIXED STRUCTURES                                                       | 11          |
| 29.0                                                                                     | WORK DONE ON OR OUTSIDE OF ROLLING STOCK, INCLUDING LOADING AND<br>UNLOADING                | 11          |
| 30.0                                                                                     | USE OF EQUIPMENT                                                                            | 12          |
| 31.0                                                                                     | CARRYING AND HANDLING MATERIAL AND EQUIPMENT                                                | 12          |
| 32.0                                                                                     | PRECAUTIONS TO BE TAKEN WHEN ERECTING OR REMOVING POLES,<br>ANTENNAE AND TREES ETC.         | 12          |
| 33.0                                                                                     | USE OF WATER                                                                                | 13          |
| 34.0                                                                                     | USE OF CONSTRUCTION PLANT                                                                   | 13          |
| 35.0                                                                                     | WORK PERFORMED UNDER DEAD CONDITIONS UNDER COVER OF A<br>WORK PERMIT                        | 13          |
| 36.0                                                                                     | TRACTION RETURN CIRCUITS IN RAILS                                                           | 13          |
| 37.0                                                                                     | HIGH-VOLTAGE ELECTRICAL EQUIPMENT NOT MAINTAINED AND/OR OPERATED<br>BY THE NETWORK OPERATOR | 14          |

## **1.0 SCOPE**

- 1.1 This specification covers the network operator's requirements for general work and works on, over, under or adjacent to railway lines and near high voltage equipment.

## **2.0 DEFINITIONS**

The following definitions shall apply:

"Authorised Person" - A person whether an employee of the network operator or not, who has been specially authorised to undertake specific duties in terms of Transnet' publication Electrical Safety Instructions, and who holds a certificate or letter of authority to that effect.

"Barrier" Any device designed to restrict access to "live" high-voltage electrical equipment.

"Bond" - A short conductor installed to provide electrical continuity.

"Contractor" - Any person or organisation appointed by the network operator to carry out work on its behalf.

"Contract Supervisor" - The person or juristic person appointed by the network operator from time to time as the Contract Supervisor, to administer the Contractor's performance and execution of the Works according to the powers and rights held by and obligations placed upon the Contract Supervisor in terms of the Contract.

"Dead" - Isolated and earthed.

"Electrical Officer (Contracts)" - The person appointed in writing by the Project Manager in terms of this specification as the person who shall be consulted by the Contractor in all electrical matters to ensure that adequate safety precautions are taken by the Contractor.

"Executive Officer" - The person appointed by the network operator from time to time as the Executive Officer to act according to the rights and powers held by and obligations placed upon him in terms of the Contract.

"High-Voltage" - A voltage normally exceeding 1000 volts.

"Live" - A conductor is said to be "live" when it is at a potential different from that of the earth or any other conductor of the system of which it forms a part.

"Near" - To be in such a position that a person's body or the tools he is using or any equipment he is handling may come within 3 metres of "live" exposed high-voltage electrical equipment.

"Occupation" - An authorisation granted by the network operator for work to be carried out under specified conditions on, over, under or adjacent to railway lines.

"Occupation Between Trains" - An occupation during an interval between successive trains.

"Optical Fibre Cable" - Buried or suspended composite cable containing optical fibres used in:

- telecommunication networks for transmission of digital information and
- safety sensitive train operations systems.

"Project Manager" – As defined in the special conditions of the contract. The person or juristic person appointed by the network operator from time to time as the Project Manager, to administer the Contract according to the powers and rights held by and obligations placed upon him in terms of the Contract.

"Responsible Representative" - The responsible person in charge, appointed by a contractor, who has undergone specific training (and holds a certificate) to supervise (general or direct) staff under his control who perform general work or to work on, over, under or adjacent to railway lines and in the vicinity of high-voltage electrical equipment.

"Total Occupation" - An occupation for a period when trains are not to traverse the section of line covered by the occupation.

"Work on" - Work undertaken on or so close to the equipment that the specified working clearances to the "live" equipment cannot be maintained.

"Work Permit" - A combined written application and authority to proceed with work on or near dead electrical equipment.

"Works" – The contractual intent for the work to be done as defined in the contract at a defined work site.

---

## PART A - GENERAL SPECIFICATION

### 3.0 AUTHORITY OF OFFICERS OF TRANSNET

- 3.1 The Contractor shall co-operate with the officers of the network operator and shall comply with all instructions issued and restrictions imposed with respect to the Works which bear on the existence and operation of the network operator's railway lines and high-voltage equipment.
- 3.2 Without limiting the generality of the provisions of clause 3.1, any duly authorised representative of the network operator, having identified himself, may stop the work if, in his opinion, the safe passage of trains or the safety of the network operator's assets or any person is affected. **CONSIDERATIONS OF SAFETY SHALL TAKE PRECEDENCE OVER ALL OTHER CONSIDERATIONS.**

### 4.0 CONTRACTOR'S REPRESENTATIVES AND STAFF

- 4.1 The Contractor shall nominate Responsible Representatives of whom at least one shall be available at any hour for call-out in cases of emergency. The Contractor shall provide the Contract Supervisor with the names, addresses and telephone numbers of the representatives.
- 4.2 The Contractor guarantees that he has satisfied himself that the Responsible Representative is fully conversant with this specification and that he shall comply with all his obligations in respect thereof.
- 4.3 The Contractor shall ensure that all contractor staff receives relevant awareness, educational and competence training regarding safety as prescribed.

### 5.0 OCCUPATIONS AND WORK PERMITS

- 5.1 Work to be done during total occupation or during an occupation between trains or under a work permit shall be done in a manner decided by the Contract Supervisor and at times to suit the network operator requirements.
- 5.2 The Contractor shall organise the Works in a manner which will minimise the number and duration of occupations and work permits required.
- 5.3 The network operator will not be liable for any financial or other loss suffered by the Contractor arising from his failure to complete any work scheduled during the period of an occupation or work permit.
- 5.4 The Contractor shall submit to the Contract Supervisor, in writing, requests for occupations or work permits together with details of the work to be undertaken, at least 21 days before they are required. The network operator does not undertake to grant an occupation or work permit for any particular date, time or duration.
- 5.5 The network operator reserves the right to cancel any occupation or work permit at any time before or during the period of occupation or work permit. If, due to cancellation or change in date or time, the Contractor is not permitted to start work under conditions of total occupation or work permit at the time arranged, all costs caused by the cancellation shall be born by the Contractor except as provided for in clauses 5.6 to 5.8.
- 5.6 When the Contractor is notified less than 2 hours before the scheduled starting time that the occupation or work permit is cancelled, he may claim reimbursement of his direct financial losses caused by the loss of working time up to the time his labour and plant are employed on other work, but not exceeding the period of the cancelled occupation or work permit.
- 5.7 When the Contractor is notified less than 2 hours before the scheduled starting time, or during an occupation or work permit, that the duration of the occupation or work permit is reduced, he may claim reimbursement of his direct financial losses caused by the loss of working time due to the reduced duration of the occupation or work permit.
- 5.8 Reimbursement of the Contractor for any loss of working time in terms of clause 5.6 and 5.7, shall be subject to his claims being submitted within 14 days of the event with full details of labour and plant involved, and provided that the Contract Supervisor certifies that no other work on which the labour and plant could be employed was immediately available.
- 5.9 Before starting any work for which an occupation has been arranged, the Contractor shall obtain from the Contract Supervisor written confirmation of the date, time and duration of the occupation.
- 5.10 Before starting any work for which a work permit has been arranged, the Responsible Representative shall read and sign portion C of the Work Permit, signifying that he is aware of the work boundaries within which work may be undertaken. After the work for which the permit was granted has been completed, or when the

work permit is due to be terminated, or if the permit is cancelled after the start, the same person who signed portion C shall sign portion D of the Work Permit, thereby acknowledging that he is aware that the electrical equipment is to be made "live". The Contractor shall advise all his workmen accordingly.

## 6.0 SPEED RESTRICTIONS AND PROTECTION

- 6.1 When speed restrictions are imposed by the network operator because of the Contractor's activities, the Contractor shall organise and carry out his work so as to permit the removal of the restrictions as soon as possible.
- 6.2 When the Contract Supervisor considers protection to be necessary the Contractor shall, unless otherwise agreed, provide all protection including flagmen, other personnel and all equipment for the protection of the network operator's and the Contractor's personnel and assets, the public and including trains.
- 6.2.1 The network operator will provide training free of charge of the Contractor's flagmen and other personnel performing protection duties. The Contractor shall consult with the Contract Supervisor, whenever he considers that protection will be necessary, taking into account the minimum permissible clearances set out in the Manual for Track Maintenance (Document no. BBB0481):
- Drawing no. BE-97 Sheet 1: Horizontal Clearances: 1065mm gauge (Annexure 1 sheet 1)
  - Drawing no. BE-97 Sheet 2: Vertical Clearances: 1065mm gauge (Annexure 1 sheet 2)
  - Drawing no. BE-97 Sheet 3: Clearances: Platform (Annexure 1 sheet 3)
  - Drawing no. BE-97 Sheet 5: Clearances: 610mm Gauge (Annexure 1 sheet 5)
- 6.3 The Contractor shall appoint a Responsible Representative to receive and transmit any instruction which may be given by the network operator personnel providing protection.

## 7.0 ROADS AND ROADS ON THE NETWORK OPERATOR'S PROPERTY

- 7.1 The Contractor shall take every reasonable precaution to prevent damage to any roads or bridges used to obtain access to the site, and shall select routes, use vehicles, and restrict loads so that any extraordinary traffic as may arise from the moving of plant or material to or from the site shall be limited as far as is reasonably possible.
- 7.2 The Contractor shall not occupy or interfere in any way with the free use of any public or private road, right-of-way, path or street unless the Contract Supervisor has obtained the approval of the road authority concerned.

## 8.0 CLEARANCES

- 8.1 No temporary works shall encroach on the appropriate minimum clearances set out in the Manual for Track Maintenance (Document no. BBB0481):
- Drawing no. BE-97 Sheet 1: Horizontal Clearances: 1065mm gauge (Annexure 1 sheet 1)
  - Drawing no. BE-97 Sheet 2: Vertical Clearances: 1065mm gauge (Annexure 1 sheet 2)
  - Drawing no. BE-97 Sheet 3: Clearances: Platform (Annexure 1 sheet 3)
  - Drawing no. BE-97 Sheet 5: Clearances: 610mm Gauge (Annexure 1 sheet 5)

## 9.0 STACKING OF MATERIAL

- 9.1 The Contractor shall not stack any material closer than 3m from the centre line of any railway line without prior approval of the Contract Supervisor.

## 10.0 EXCAVATION, SHORING, DEWATERING AND DRAINAGE

- 10.1 Unless otherwise approved by the Contract Supervisor any excavation adjacent to a railway line shall not encroach on the hatched area shown in Figure 1.

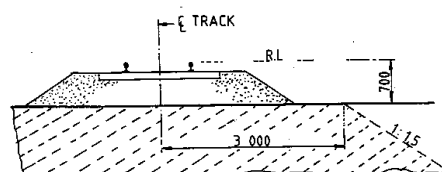


Fig. 1.

- 10.2 The Contractor shall provide, at his own cost any shoring, dewatering or drainage of any excavation unless otherwise stipulated elsewhere in the Contract.
- 10.3 Where required by the Contract Supervisor, drawings of shoring for any excavation under or adjacent to a railway line shall be submitted and permission to proceed, obtained before the excavation is commenced.
- 10.4 The Contractor shall prevent ingress of water to the excavation but where water does enter, he shall dispose of it as directed by the Contract Supervisor.
- 10.5 The Contractor shall not block, obstruct or damage any existing drains either above or below ground level unless he has made adequate prior arrangements to deal with drainage.

#### **11.0 FALSEWORK FOR STRUCTURES**

- 11.1 Drawings of falsework for the construction of any structure over, under or adjacent to any railway line shall be submitted to the Contract Supervisor and his permission to proceed obtained before the falsework is erected. Each drawing shall be given a title and a distinguishing number and shall be signed by a registered professional engineer certifying that he has checked the design of the falsework and that the drawings are correct and in accordance with the design.
- 11.2 After the falsework has been erected and before any load is applied, the Contractor shall submit to the Contract Supervisor a certificate signed by a registered professional engineer certifying that he has checked the falsework and that it has been erected in accordance with the drawings. Titles and numbers of the drawings shall be stated in the certificate. Notwithstanding permission given by the Contract Supervisor to proceed, the Contractor shall be entirely responsible for the safety and adequacy of the falsework.

#### **12.0 PILING**

- 12.1 The Contract Supervisor will specify the conditions under which piles may be installed on the network operator's property.

#### **13.0 UNDERGROUND SERVICES**

- 13.1 No pegs or stakes shall be driven or any excavation made before the Contractor has established that there are no underground services which may be damaged thereby.
- 13.2 Any damage shall be reported immediately to the Contract Supervisor, or to the official in charge at the nearest station, or to the traffic controller in the case of centralised traffic control.

#### **14.0 BLASTING AND USE OF EXPLOSIVES**

- 14.1 When blasting within 500m of a railway line, the Contractor shall observe the requirements stipulated in this specification.
- 14.2 No blasting shall be carried out except with the prior written permission of the Contract Supervisor and under such conditions as he may impose.
- 14.3 On electrified lines the Contractor shall also obtain the permission of the Electrical Officer (Contracts) before blasting, and shall give at least 21 days notice of his intention to blast. No blasting shall be done in the vicinity of electrified lines unless a member of the network operator's electrical personnel is present.
- 14.4 The Contractor shall arrange for the supply, transport storage and use of explosives.
- 14.5 The Contractor shall have labour, tools and plant, to the satisfaction of the Contract Supervisor, available on the site to clear immediately any stones or debris deposited on the track or formation by blasting, and to repair any damage to the track or formation immediately after blasting. Repairs to the track shall be carried out only under the supervision of a duly authorised representative of the network operator.
- 14.6 The Contractor shall notify the Contract Supervisor of his intention to blast at least 21 days before the commencement of any blasting operations.
- 14.7 Before any blasting is undertaken, the Contractor and the Contract Supervisor shall jointly examine and measure up any buildings, houses or structures in the vicinity of the proposed blasting to establish the extent of any existing cracking or damage to such structures, etc. The Contractor, shall, subject to the provisions stipulated in the Contract Insurance Policy, make good any deterioration of such buildings, houses, or structures, which, in the opinion of the Contract Supervisor, was directly caused by the blasting.
- 14.8 After completion of the blasting the Contractor shall obtain a written clearance from each landowner in

the vicinity of the blasting operations to the effect that all claims for compensation in respect of damage caused by the blasting operations to their respective properties, have been settled.

- 14.9 The Contractor shall provide proof that he has complied with the provisions of clauses 10.17.1 to 10.17.4 of the Explosives Regulations (Act 26 of 1956 as amended).
- 14.10 Blasting within 500m of a railway line will only be permitted during intervals between trains. A person appointed by the Contract Supervisor, assisted by flagmen with the necessary protective equipment, will be in communication with the controlling railway station.
- Only this person will be authorised to give the Contractor permission to blast, and the Contractor shall obey his instructions implicitly regarding the time during which blasting may take place.
- 14.11 The flagmen described in clause 14.10, where provided by the network operator, are for the protection of trains and the network operator's property only, and their presence does not relieve the Contractor in any manner of his responsibilities in terms of Explosives Act or Regulations, or any obligation in terms of this Contract.
- 14.12 The person described in clause 14.10 will record in a book provided and retained by the network operator, the dates and times:-
- (i) when each request is made by him to the controlling station for permission to blast;
  - (ii) when blasting may take place;
  - (iii) when blasting actually takes place; and
  - (iv) when he advises the controlling station that the line is safe for the passage of trains.
- 14.13 Before each blast the Contractor shall record in the same book, the details of the blast to be carried out. The person appointed by the Contract Supervisor and the person who will do the blasting shall both sign the book whenever an entry described in clause 14.12 is made.

## **15.0 RAIL TROLLEYS**

- 15.1 The use of rail trolleys or trestle trolleys on a railway line for working on high voltage equipment will be permitted only if approved by the Contract Supervisor and under the conditions stipulated by him.
- 15.2 All costs in connection with trolley working and any train protection services requested by the Contractor shall, be borne by the Contractor, unless otherwise agreed.

## **16.0 SIGNAL TRACK CIRCUITS**

- 16.1 Where signal track circuits are installed, the Contractor shall ensure that no material capable of conducting an electrical current makes contact between rails of railway line/lines.
- 16.2 No signal connections on track-circuited tracks shall be severed without the Contract Supervisor's knowledge and consent.

## **17.0 PENALTY FOR DELAYS TO TRAINS**

- 17.1 If any trains are delayed by the Contractor and the Contract Supervisor is satisfied that the delay was avoidable, a penalty will be imposed on the Contractor as stipulated in the contract, for the period and number of trains delayed.

## **18.0 SURVEY BEACONS AND PEGS**

- 18.1 The Contractor shall not on any account move or damage any beacon, bench mark, reference mark, signal or trigonometrical station in the execution of the Works without the written approval of the Contract Supervisor.

Should the Contractor be responsible for any such occurrence, he shall report the circumstances to the Contract Supervisor who will arrange with the Director-General of Surveys for replacement of the beacon or mark at the cost of the Contractor.

- 18.2 The Contractor shall not move or damage any cadastral or mining beacon without the written approval of the Contract Supervisor and before it has been referenced by a registered land surveyor. Any old boundary beacon, which becomes an internal beacon on creation of new boundaries, shall not be moved without the written approval of the Contract Supervisor.

Should the Contractor move or damage any cadastral or mining beacon without authority, he shall be responsible for having it replaced, at his cost, by a land surveyor.

- 18.3 The Contractor shall preserve all pegs and bench marks. Such survey points shall not be removed without the written approval of the Contract Supervisor. Should any peg or benchmark be removed without authority, the Contract Supervisor will arrange for its replacement and the cost will be recovered from the Contractor. No claim will be considered for delay in replacing any such peg or bench mark. Each peg replaced shall be checked by the Contractor.
- 18.4 Where a new boundary has been established, beacons on the fence line shall not be disturbed, and fence posts or anchors may not be placed or excavations made within 0,6 m of any beacon without the prior written approval of the Contract Supervisor.

## **19.0 TEMPORARY LEVEL CROSSINGS**

- 19.1 The Contract Supervisor may, on request of the Contractor, and if necessary for the purpose of execution of the Works, permit the construction of a temporary level crossing over a railway a line at a position approved by the Contract Supervisor and at the Contractor's cost. The period for which the temporary level crossing is permitted will be at the discretion of the Contract Supervisor.

- 19.2 The Contractor will provide protection and supervise the construction of the road over the track(s) and within the railway servitude at the level crossing, as well as the erection of all road signs and height gauges. All cost to be borne by the applicant.

The Contractor shall exercise extreme caution in carrying out this work, especially in respect of damage to tracks, services, overhead power and communications routes and prevent contact with "live" overhead electrical equipment.

Unless otherwise agreed, the Contractor will provide the service deviations or alterations to the network operator's track-, structure-, drainage-, electrical-, telecommunications- and train authorisation systems to accommodate the level crossing.

- 19.3 The Contractor shall take all necessary steps including the provision of gates, locks and, where necessary, watchmen to restrict the use of the temporary level crossing to himself and his employees, his subcontractors and their employees, the staff of the network operator and to such other persons as the Contract Supervisor may permit and of whose identity the Contractor will be advised. If so ordered by the Contract Supervisor, the Contractor shall provide persons to control road traffic using the temporary level crossing. Such persons shall stop all road traffic when any approaching train is within seven hundred and fifty (750) metres of the temporary level crossing, and shall not allow road traffic to proceed over it until the lines are clear.
- 19.4 The Contractor shall maintain the temporary level crossing within the railway servitude in good condition for the period it is in use. A temporary agreement with the road authority to be concluded for the maintenance of the level crossing outside the railway servitude.
- 19.5 When the temporary level crossing is no longer required by the Contractor, or permitted by the network operator, the Contractor shall at his own cost remove it and restore the site and the network operator's track-, structure-, drainage-, electrical-, telecommunications- and train authorisation systems to its original condition. Work over the tracks and within the railway servitude will be supervised by the network operator.

## **20.0 COMPLETION OF THE WORKS**

- 20.1 On completion of the works, the Contractor shall remove all the remaining construction plant and material from the site, other than material which is the property of the network operator, and leave the site in a clean, neat and tidy condition. If material and plant is required for the liability and maintenance period the Contract supervisor must authorise it's retention on site.

## **21.0 PROTECTION OF PERSONS AND PROPERTY**

- 21.1 The Contractor shall provide and maintain all lights, guards, barriers, fencing and watchmen when and where necessary or as required by the Contract Supervisor or by any statutory authority, for the protection of the Works and for the safety and convenience of the public.

Red, yellow, green or blue lights may not be used by the Contractor as they can be mistaken for signals. Red, yellow, green or white flags shall only be used for protection by the Contractor. Within the precincts of a port the Contractor shall obtain the permission of the Port Captain before installing any light.

- 21.2 The Contractor shall take all the requisite measures and precautions during the course of the Works to:
- (i) protect the public and property of the public,
  - (ii) protect the property and workmen of both the network operator and the Contractor,
  - (iii) avoid damage to and prevent trespass on adjoining properties, and
  - (iv) ensure compliance with any instruction issued by the Contract Supervisor or other authorised person, and with any stipulation embodied in the contract documents which affects the safety of any person or thing.
- 21.3 The network operator will provide, at its own cost, protection for the safe working of trains during such operations as the Contract Supervisor may consider necessary. Protection by the network operator for any purpose whatsoever, does not absolve the Contractor of his responsibilities in terms of the Contract.
- 21.4 The Contractor shall take all precautions and appoint guards, watchmen and compound managers for prevention of disorder among and misconduct by the persons employed on the Works and by any other persons, whether employees or not, on the work site and for the preservation of the peace and protection of persons and property in the direct neighbourhood. Any relocation of camps because of disorder shall be at the Contractor's expense.
- 21.5 All operations necessary for the execution of the Works, including the provision of any temporary work and camping sites, shall be carried out so as not to cause veldt fires, ground and environmental pollution, soil erosion or restriction of or interference with streams, furrows, drains and water supplies.
- If the original surface of the ground is disturbed in connection with the Works, it shall be made good by the Contractor to the satisfaction of the land owner, occupier or responsible authority.
- 21.6 The Contractor shall take all reasonable steps to minimise noise and disturbance when carrying out the Works, including work permitted outside normal working hours.
- 21.7 Dumping of waste or excess materials by the Contractor shall, in urban areas, be done under the direction and control of, and at sites made available by the local authority. Dumping outside local authority boundaries shall be done only with the express permission and under the direction and control of the Contract Supervisor.
- 21.8 The Contractor shall comply with environmental protection measures and specifications stipulated by the Contract Supervisor and/or local and environmental authorities.
- 22.0 INTERFERENCE WITH THE NETWORK OPERATOR'S ASSETS AND WORK ON OPEN LINES**
- 22.1 The Contractor shall not interfere in any manner whatsoever with an open line, nor shall he carry out any work or perform any act which affects the security, use or safety of an open line except with the authority of the Contract Supervisor and in the presence of a duly authorised representative of the network operator.
- 22.2 The Contractor shall not carry out any work or operate any plant, or place any material whatsoever nearer than three metres from the centre line of any open line except with the written permission of the Contract Supervisor and subject to such conditions as he may impose.
- 22.3 Care must be taken not to interfere with or damage any services such as overhead wire routes, cables or pipes and optical fibre cable, except as provided for the work specified. The Contractor will be held responsible for any damage to or interruption of such services arising from any act or omission on his part or of any of his employees, or persons engaged by him on the Works. The cost of repairing, replacing or restoring the services, as well as all other costs arising from any damage to services, shall be borne by, and will be recovered from the Contractor.
- 22.4 Authority granted by the Contract Supervisor and the presence of an authorised representative of the network operator in terms hereof, shall not relieve the Contractor of his duty to comply with this specification.
- 23.0 ACCESS, RIGHTS-OF-WAY AND CAMPSITES**
- 23.1 Where entry onto the network operator's property is restricted, permission to enter will be given only for the purpose of carrying out the Works and will be subject to the terms and conditions laid down by the network operator.
- 23.2 The Contractor shall arrange for campsites, workplaces and access thereto as well as for any right-of-

way over private property to the site of the Works, and for access within the boundaries of the network operator's property. The owners of private property to be traversed shall be approached and treated with tact and courtesy by the Contractor, who shall, if necessary, obtain a letter of introduction to such property owners from the Contract Supervisor.

The Contractor shall be responsible for the closing of all gates on roads and tracks used by him or his employees. Except with the prior approval of the Contract Supervisor and the owner or occupier of any private land to be traversed, the Contractor shall not cut, lower, damage, remove or otherwise interfere with any fence or gate which is either on the network operator's property or on private property and which restricts access to the Works. Where such approval has been given, the Contractor shall prevent entry of animals or unauthorised persons onto the network operator's or private property, and shall make the fences safe against trespass at the close of each day's work.

23.3 The Contractor shall take all reasonable steps to confine the movement of vehicles and plant to the approved right-of-way to minimise damage to property, crops and natural vegetation.

23.4 When access is no longer required, and before completion of the Works, the Contractor shall repair, restore or replace any fence or gate damaged during execution of the Works to the satisfaction of the Contract Supervisor and shall furnish the Contract Supervisor with a certificate signed by the owner and occupier of land over which he has gained access to a campsite, workplace and the Works, certifying that the owner and occupier have no claim against the Contractor or the network operator arising from the Contractor's use of the land. Should the Contractor be unable to obtain the required certificate, he shall report the circumstances to the Contract Supervisor.

## **24.0 SUPERVISION**

24.1 The Contract Supervisor will provide overall technical superintendence of the Works, and may direct the Contractor in terms of the provisions of the Contract or in respect of any measures which the Contract Supervisor may require for the operations of the network operator, the safety of trains, property and workmen of the network operator, and for the safety of other property and persons. The Contractor shall carry out the directions of the Contract Supervisor. The superintendence exercised by the Contract Supervisor, including any agreement, approval, refusal or withdrawal of any approval given, shall not relieve the Contractor of any of his duties and liabilities under the Contract, and shall not imply any assumption by the network operator or by the Contract Supervisor of the legal and other responsibilities of the Contractor in carrying out the Works.

24.2 The Contract Supervisor may delegate to any deputy or other person, any of his duties or functions under the Contract. On receiving notice in writing of such delegation, the Contractor shall recognise and obey the deputy or person to whom any such duties or functions have been delegated as if he were the Contract Supervisor.

24.3 The Contractor shall exercise supervision over the Works at all times when work is performed or shall be represented by an agent having full power and authority to act on behalf of the Contractor. Such agent shall be competent and responsible, and have adequate experience in carrying out work of a similar nature to the Works, and shall exercise personal supervision on behalf of the Contractor. The Contract Supervisor shall be notified in writing of such appointment which will be subject to his approval.

24.4 The Contractor or his duly authorised agent shall be available on the site at all times while the Works are in progress to receive the orders and directions of the Contract Supervisor.

## **25.0 HOUSING OF EMPLOYEES**

25.1 The Contractor shall, where necessary, make his own arrangements for suitable housing of his employees. Where temporary housing is permitted by the Contract Supervisor on any part of the site, the Contractor shall provide suitable sanitation, lighting and potable water supplies in terms of the requirements of the local authority or the current network operator's specification; Minimum Communal Health Requirements in Areas outside the Jurisdiction of a Local Authority - E.4B, as applicable.

25.2 Fouling the area inside or outside the network operator's boundaries shall be prevented. The Contractor will be called upon by the Contract Supervisor to dispose of any foul or waste matter generated by the Contractor.

## **26.0 OPTICAL FIBRE CABLE ROUTES**

26.1 The Contractor shall not handle, impact, move or deviate any optical fibre cable without prior approval.

26.2 Works that in any way affect the optical fibre cable requires prior approval from the Contract Supervisor

who will determine the work method and procedures to be followed.

---

**PART B - SPECIFICATION FOR WORK NEAR HIGH-VOLTAGE ELECTRICAL EQUIPMENT**
**27.0 GENERAL**

- 27.1 This specification is based on the contents of Transnet's publication ELECTRICAL SAFETY INSTRUCTIONS, as amended, a copy of which will be made available on loan to the Contractor for the duration of the contract.

These instructions apply to all work near "live" high-voltage equipment maintained and/or operated by the network operator, and the onus rests on the Contractor to ensure that he obtains a copy.

- 27.2 This specification must be read in conjunction with and not in lieu of the Electrical Safety Instructions.
- 27.3 The Contractor's attention is drawn in particular to the contents of Part I, Sections 1 and 2 of the Electrical Safety Instructions.
- 27.4 The Electrical Safety Instructions cover the minimum safety precautions which must be taken to ensure safe working on or near high-voltage electrical equipment, and must be observed at all times. Should additional safety measures be considered necessary because of peculiar local conditions, these may be ordered by and at the discretion of the Electrical Officer (Contracts).
- 27.5 The Contractor shall obtain the approval of the Electrical Officer (Contracts) before any work is done which causes or could cause any portion of a person's body or the tools he is using or any equipment he is handling, to come within 3 metres of any "live" high-voltage equipment.
- 27.6 The Contractor shall regard all high-voltage equipment as "live" unless a work permit is in force.
- 27.7 Safety precautions taken or barriers erected shall comply with the requirements of the Electrical Officer (Contracts), and shall be approved by him before the work to be protected is undertaken by the Contractor. The Contractor shall unless otherwise agreed, bear the cost of the provision of the barriers and other safety precautions required, including the attendance of the network operator's staff where this is necessary.
- 27.8 No barrier shall be removed unless authorised by the Electrical Officer (Contracts).

**28.0 WORK ON BUILDINGS OR FIXED STRUCTURES**

- 28.1 Before any work is carried out or measurements are taken on any part of a building, fixed structure or earthworks of any kind above ground level situated within 3 metres of "live" high-voltage equipment, the Electrical Officer (Contracts) shall be consulted to ascertain the conditions under which the work may be carried out.
- 28.2 No barrier erected to comply with the requirements of the Electrical Officer (Contracts) shall be used as temporary staging or shuttering for any part of the Works.
- 28.3 The shuttering for bridge piers, abutments, retaining walls or parapets adjacent to or over any track may be permitted to serve as a barrier, provided that it extends at least 2,5 metres above any working level in the case of piers, abutments and retaining walls and 1,5 metres above any working level in the case of parapets.

**29.0 WORK DONE ON OR OUTSIDE OF ROLLING STOCK, INCLUDING LOADING OR UNLOADING**

- 29.1 No person may stand, climb or work, whilst on any platform, surface or foothold:
- 29.1.1 higher than the normal unrestricted access way, namely -
    - 29.1.1.1 external walkways on diesel, steam and electric locomotives, steam heat vans, etc. and
    - 29.1.1.2 walkways between coaches and locomotives.
  - 29.1.2 of restricted access ways in terms of the Electrical Safety Instructions namely -
    - 29.1.2.1 the floor level of open wagons
    - 29.1.2.2 external walkways or decks of road-rail vehicles, on-track maintenance machines and material trains.
  - 29.1.3 Unauthorised staff working on these platforms must be directly supervised by duly authorised persons in terms of clause 607.1.3 of the Electrical Safety Instructions. These persons must attend the relevant electrical safety module training. A letter of training must then be issued by an accredited training authority. A Category C Certificate of Authority must be obtained from the

local depot examining officer.

- 29.2 When in the above positions no person may raise his hands or any equipment he is handling above his head.
- 29.3 In cases where the Contractor operates his own rail mounted equipment, he shall arrange for the walkways on this plant to be inspected by the Electrical Officer (Contracts) and approved, before commencement of work.
- 29.4 The handling of long lengths of material such as metal pipes, reinforcing bars, etc should be avoided, but if essential they shall be handled as nearly as possible in a horizontal position below head height.
- 29.5 The Responsible Representative shall warn all persons under his control of the danger of being near "live" high-voltage equipment, and shall ensure that the warning is fully understood.
- 29.6 Where the conditions in clauses 30.1 to 30.4 cannot be observed the Electrical Officer (Contracts), shall be notified. He will arrange for suitable Safety measures to be taken. The Electrical Officer (Contracts), may in his discretion and in appropriate circumstances, arrange for a suitable employee of the Contractor to be specially trained by the network operator and at the Contractor's cost, as an Authorised Person to work closer than 3 metres from "live" overhead conductors and under such conditions as may be imposed by the senior responsible electrical engineer of the network operator.

### **30.0 USE OF EQUIPMENT**

#### **30.1 Measuring Tapes and Devices**

- 30.1.1 Measuring tapes may be used near "live" high-voltage equipment provided that no part of any tape or a person's body comes within 3 metres of the "live" equipment.
- 30.1.2 In windy conditions the distance shall be increased to ensure that if the tape should fall it will not be blown nearer than 3 metres from the "live" high-voltage equipment.
- 30.1.3 Special measuring devices longer than 2 metres such as survey sticks and rods may be used if these are of non-conducting material and approved by the responsible Electrical Engineer of the network operator, but these devices must not be used within 3 metres of "live" high-voltage equipment in rainy or wet conditions.
- 30.1.4 The assistance of the Electrical Officer (Contracts) shall be requested when measurements within the limits defined in clauses 31.1.1 to 31.1.3 are required.
- 30.1.5 The restrictions described in 31.1.1 to 31.1.3 do not apply on a bridge deck between permanent parapets nor in other situations where a barrier effectively prevents contact with the "live" high-voltage equipment.

#### **30.2 Portable Ladders**

- 30.2.1 Any type of portable ladder longer than 2 metres may only be used near "live" high-voltage equipment under the direct supervision of the Responsible Representative. He shall ensure that the ladder is always used in such a manner that the distance from the base of the ladder to any "live" high-voltage equipment is greater than the fully extended length of the ladder plus 3 metres. Where these conditions cannot be observed, the Electrical Officer (Contracts) shall be advised, and he will arrange for suitable safety measures to be taken.

### **31.0 CARRYING AND HANDLING MATERIAL AND EQUIPMENT**

- 31.1 Pipes, scaffolding, iron sheets, reinforcing bars and other material which exceeds 2 metres in length shall be carried completely below head height near "live" high-voltage equipment. For maximum safety such material should be carried by two or more persons so as to maintain it as nearly as possible in a horizontal position. The utmost care must be taken to ensure that no part of the material comes within 3 metres of any "live" high-voltage equipment.
- 31.2 Long lengths of wire or cable shall never be run out in conditions where a part of a wire or cable can come within 3 metres of any "live" high-voltage equipment unless the Electrical Officer (Contracts) has been advised and has approved appropriate safety precautions.
- 31.3 The presence of overhead power lines shall always be taken account of especially when communications lines or cables or aerial cables, stay wires, etc. are being erected above ground level.

### **32.0 PRECAUTIONS TO BE TAKEN WHEN ERECTING OR REMOVING POLES, ANTENNAE, TREES ETC.**

- 32.1 A pole may be handled for the purpose of erection or removal near high-voltage equipment under the following conditions:

(i) If the distance between the point at which the pole is to be erected or removed and the nearest "live" high-voltage equipment is more than the length of the pole plus 3 metres, the work shall be supervised by the Responsible Representative.

(ii) If the distance described in (i) is less than the length of the pole plus 3 metres, the Electrical Officer (Contracts) shall be consulted to arrange for an Authorised Person to supervise the work and to ensure that the pole is earthed where possible. The pole shall be kept in contact with the point of erection, and adequate precautions shall be taken to prevent contact with "live" high-voltage equipment.

32.2 The cost of supervision by an Authorised Person and the provision of earthing shall, unless otherwise agreed, be borne by the Contractor.

32.3 The provisions of clauses 33.1 and 33.2 shall also apply to the erection or removal of columns, antennae, trees, posts, etc.

### **33.0 USE OF WATER**

33.1 No water shall be used in the form of a jet if it can make contact with any "live" high-voltage equipment or with any person working on such equipment.

### **34.0 USE OF CONSTRUCTION PLANT**

34.1 "Construction plant" entails all types of plant including cranes, piling frames, boring machines, excavators, draglines, dewatering equipment and road vehicles with or without lifting equipment.

34.2 When work is being undertaken in such a position that it is possible for construction plant or its load to come within 3 metres of "live" high-voltage equipment, the Electrical Officer (Contracts) shall be consulted. He will arrange for an Authorised Person to supervise the work and to ensure that the plant is adequately earthed. The Electrical Officer (Contracts) will decide whether further safety measures are necessary.

34.3 The cost of any supervision by an Authorised Person and the provision of earthing shall, unless otherwise agreed, be borne by the Contractor.

34.4 When loads are handled by cranes, non-metallic rope hand lines shall be used, affixed to such loads so as to prevent their swinging and coming within 3 metres of "live" high-voltage equipment.

34.5 Clauses 35.1 to 35.4 shall apply *mutatis mutandis* to the use of maintenance machines of any nature.

### **35.0 WORK PERFORMED UNDER DEAD CONDITIONS UNDER COVER OF A WORK PERMIT**

35.1 If the Responsible Representative finds that the work cannot be done in safety with the high-voltage electrical equipment "live", he shall consult the Electrical Officer (Contracts) who will decide on the action to be taken.

35.2 If a work permit is issued the Responsible Representative shall-

(i) before commencement of work ensure that the limits within which work may be carried out have been explained to him by the Authorised Person who issued the permit to him, and that he fully understands these limits.

(ii) sign portion C of the permit before commencement of work;

(iii) explain to all persons under his control the limits within which work may be carried out, and ensure that they fully understand these limits;

(iv) care for the safety of all persons under his control whilst work is in progress; and

(v) withdraw all personnel under his control from the equipment on completion of the work before he signs portion D of the work permit.

### **36.0 TRACTION RETURN CIRCUITS IN RAILS**

36.1 DANGEROUS CONDITIONS CAN BE CREATED BY REMOVING OR SEVERING ANY BOND.

36.2 Broken rails with an air gap between the ends, and joints at which fishplates are removed under "broken bond" conditions, are potentially lethal. The rails on either side of an air gap between rail ends on electrified lines shall not be touched simultaneously until rendered safe by the network operator personnel.

36.3 The Contractor shall not break any permanent bonds between rails or between rails and any structure. He shall give the Contract Supervisor at least 7 days written notice when removal of such bonds is necessary.

36.4 No work on the track which involves interference with the traction return rail circuit either by cutting or removing the rails, or by removal of bonds shall be done unless the Electrical Officer (Contracts) is consulted. He will take such precautions as may be necessary to ensure continuity of the return circuit before permitting the work to be commenced.

**37.0 HIGH-VOLTAGE ELECTRICAL EQUIPMENT NOT MAINTAINED AND/OR OPERATED BY THE NETWORK OPERATOR**

Where the work is undertaken on or near high-voltage electrical equipment which is not maintained and/or operated by the network operator, the Occupational Health and Safety Act No. 85 of 1993, and Regulations and Instructions, or the Mines Health and Safety Act (Act 29 of 1996), shall apply.

Such equipment includes:-

- (i) Eskom and municipal equipment;
- (ii) The Contractor's own power supplies; and
- (iii) Electrical equipment being installed but not yet taken over from the Contractor.

**END**