

Transnet Freight Rail

an Operating Division **TRANSNET SOC LTD**

[Registration Number 1990/000900/30]

REQUEST FOR PROPOSAL (RFP)

**FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN
CLEANING MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.**

RFP NUMBER	: SIC24025CIDB
ISSUE DATE	: 05 SEPTEMBER 2025
CLOSING DATE	: 22 SEPTEMBER 2025
CLOSING TIME	: 12H00 PM
TENDER VALIDITY PERIOD	: 12 WEEKS

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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].

DESCRIPTION	FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANING MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.
TENDER DOWNLOADING	This Tender may be downloaded directly from the National Treasury eTender Publication Portal at www.etenders.gov.za and the Transnet website at https://transnetetenders.azurewebsites.net (please use Google Chrome to access Transnet link) FREE OF CHARGE.

TENDER CLARIFICATION MEETING	Tender clarification meeting is not applicable. Tenderers are advised to send clarification requirements by means of the "CLARIFICATION REQUEST FORM" attached
CLOSING DATE	12:00pm on the 22 SEPTEMBER 2025. Tenderers must ensure that tenders are uploaded timeously onto the system. If a tender is late, it will not be accepted for consideration.

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://transnetetenders.azurewebsites.net>);

- Click on "ADVERTISED TENDERS" to view advertised tenders;

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANING MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

- 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.
 - **Tenderers are required to ensure that electronic bid submissions are done at least a day before the closing date to prevent issues which they may encounter due to their internet speed, bandwidth or the size of the number of uploads they are submitting. Transnet will not be held liable for any challenges experienced by bidders as a result of the technical challenges. Please do not wait for the last hour to submit. A Tenderer can upload 30mb per upload and multiple uploads are permitted.**
- 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. Go to the open market if the quoted rates (for award of work) are deemed unreasonable;
- 4.4. 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;
- 4.5. Request audited financial statements or other documentation for the purposes of a due diligence exercise;
- 4.6. Not accept any changes or purported changes by the Tenderer to the tender rates after the closing date;
- 4.7. 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;
- 4.8. 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);
- 4.9. 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.
- 4.10. 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.
- 4.11. 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 [T2.2-15, **Breach of Law**] whether or not they have been found guilty of a serious breach of law during the past 5 [five] years.
- 4.12. Transnet reserves the right to perform a risk analysis on the preferred tenderer to ascertain if any of the following might present an unacceptable commercial risk to the employer:
 - *unduly high or unduly low tendered rates or amounts in the tender offer;*

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- *contract data of contract provided by the tenderer; or*
- *the contents of the tender returnables which are to be included in the contract.*

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

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RFP CLARIFICATION REQUEST FORM

RFP No: SIC24025CIDB

RFP deadline for questions / RFP Clarifications: **15 SEPTEMBER 2025 @ 12:00pm**

TO: Transnet SOC Ltd
 ATTENTION: Governance, Transnet Freight Rail Tender Office
 EMAIL: Prudence.Nkabinde@transnet.net
 Cc: Samukelisiwe.Mhlanga2@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 Samukelisiwe.Mhlanga2@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
 Cc: Samukelisiwe.Mhlanga2@transnet.net
 DATE: _____
 FROM: _____

REQUEST FOR RFP CLARIFICATION

TRANSNET RAIL INFRASTRUCTURE MANAGER
TENDER NUMBER: SIC24025CIDB

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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).

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	Transnet SOC Ltd (Reg No. 1990/000900/30)
C.1.2 The tender documents issued by the <i>Employer</i> comprise:	
	Part T: 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 documents T2.2 Returnable schedules
	Part C: The contract
Part C1: Agreements and contract data	C1.1 Form of offer and acceptance C1.2 Contract data (Part 1 & 2) C1.3 Form of Securities
Part C2: Pricing data	C2.1 Pricing instructions C2.2 Price List
Part C3: Scope of work	C3.1 Service Information

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	Part C4: Affected Property	C4.1 Affected Property
C.1.4	The Employer's agent is:	Procurement Officer
	Name:	Samukelisiwe Mhlanga
	Address:	150 Commissioner Street, Johannesburg 2001
	Tel No.	011 584 1071
	E – mail	Samukelisiwe.Mhlanga2@transnet.net
C.2.1	Only those tenderers who satisfy the following eligibility criteria are eligible to submit tenders:	
	1. Stage One - Eligibility in terms of the Construction Industry Development Board:	
	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 7CE or higher class of construction work, are eligible to have their tenders evaluated.	
	b) Joint Venture (JV) Joint ventures are eligible to submit tenders subject to the following: <ol style="list-style-type: none"> 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 class of construction works under consideration and possesses the required recognition status 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 7CE 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. 	
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 <i>Employer's</i> details and identification details that are to be shown on each tender offer package are as follows:	
C2.15.1		

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Identification details: The tender documents must be uploaded with:

- Name of Tenderer:
- Contact person and details:

The Tender Number: SIC24025CIDB
The Tender Description: For The Provision of Maintenance of Railway Track with On-Track Drain Cleaning Machine on An as And When Required Basis Countrywide.
Documents must be marked for the attention of:
Employer's Agent: Samukelisiwe Mhlanga

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: **12:00pm** on the **22 SEPTEMBER 2025**
Location: The Transnet e-Tender Submission Portal:
(<https://transnetetenders.azurewebsites.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 line with the code of good practice, together with the tender;
3. A valid CIDB CSR number 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.
6. The contractor shall achieve in the performance of the contract the Contract Skills Development Goal (CSDG) established in the CIDB Standard for Developing Skills through Infrastructure Contracts, **published in Gazette Notice No.48491 of April 2023.**

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This will form part of the condition of contract.

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

C3.11 The minimum number of evaluation points for functionality is: **Not applicable**

The procedure for the evaluation of responsive tenders is Functionality, Price and Preference:

C3.11 Only tenders that passed stage one of Eligibility will be evaluated further in accordance with the 90/10 preference points systems as described in Transnet Preferential Procurement Policy (TPPP).

90 where the financial value of one or more responsive tenders received have a value below R50 million, inclusive of all applicable taxes,

Thresholds	Minimum Threshold
Technical / Functionality	N/A

Evaluation Criteria	Final Weighted Scores
Price	90
Specific goals - Scorecard	10
TOTAL SCORE:	100

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 evidence required for any of the Specific Goals applicable in this tender not be provided, a tenderer will score zero preference points for that particular "Specific Goal".**

In terms of Transnet Preferential Procurement Policy (TPPP) and Procurement Manuals, the following preference points must be awarded to a bidder who provides the relevant required evidence for claiming points

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C.3.11.

Selected Specific Goal	Number of points allocated (10)
B-BBEE LEVEL 1 OR 2	3
EMEs and QSE entities that are at least 51% black owned	2
Entities that are at least 30% black woman owned	2
Creation of jobs and labour intensification <ul style="list-style-type: none"> Fully completed, declared, and signed job creation schedule will score bidders full 5 points Incomplete, submitted blank or not submitted job creation schedule score zero points 	3
Non-Compliant and/or B-BBEE Level 3-8 contributors	0

The following Table represents the evidence to be submitted for claiming preference points for applicable specific goals in a particular tender:

Specific Goals	Acceptable Evidence
B-BBEE LEVEL 1 OR 2	B-BBEE Certificate / Sworn-Affidavit B-BBEE Certificate (in case of JV, a consolidate scorecard will be accept) as per DTIC guidelines
Entities that are at least owned by 30% Black Women	Certified copy of ID Documents of the Owners and B-BBEE Certificate / Sworn- Affidavit / B-BBEE CIPC Certificate (in case of JV, a consolidated scorecard will be accepted) as per DTIC guideline
EMEs and QSE entities that are at least 51% black owned	B-BBEE Certificate / Sworn- Affidavit / CIPC Certificate
Creation of jobs and labour intensification <ul style="list-style-type: none"> Fully completed, declared, and signed job creation schedule will score bidders full 3 points Incomplete, submitted blank or not submitted job creation schedule score zero points 	Section T2.2.18 Job Creation Schedule Returnable document

The maximum points for this bid are allocated as follows:

<u>DISCRIPTION</u>	<u>POINTS</u>
PRICE	90
B-BBEE LEVEL 1 OR 2	3
EMEs and QSE entities that are at least 51% black owned	2
Entities that are at least 30% black woman owned	2
Creation of jobs and labour intensification <ul style="list-style-type: none"> Fully completed, declared, and signed job creation schedule will score bidders full 5 points Incomplete, submitted blank or not submitted job creation schedule score zero points 	3
Total points for Price and Specific Goals must not exceed	100

Note: Transnet reserves the right to carry out an independent audit of the tenderers 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:

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- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- b) is not undergoing a process of being restricted by Transnet or other state institution that Transnet may be aware of,
- c) 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,
- d) has the legal capacity to enter into the contract,
- e) 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,
- f) complies with the legal requirements, if any, stated in the tender data and
- g) 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 deadline.

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.

T2.1: List of Returnable Documents

Returnable Schedules:

- T2.2-2** Operational Risk
- T2.2-2a** Schedule of Machines
- T2.2-3a** Assessment Schedule - Health and Safety Requirements
- T2.2-3b** Health and Safety Questionnaire
- T2.2-3c** Health and Safety Cost Breakdown
- T2.2-4** Authority to submit a Tender
- T2.2-5** Record of Addenda to Tender Documents
- T2.2-6** Letter/s of Good Standing with the Workmen's Compensation Fund
- T2.2-7** Risk Management
- T2.2-8** Environmental Management Plan
- T2.2-9** Schedule of Proposed Subcontractors
- T2.2-10** Affected Property Establishment Requirements
- T2.2-11** Schedule of Proposed Subcontractors

Agreement and Commitment by Tenderer:

- T2.2-12** CIDB SFU ANNEX G Compulsory Enterprise Questionnaire
- T2.2-13** Non-Disclosure Agreement
- T2.2-14** RFQ Declaration Form
- T2.2-15** Request for Quotation – Breach of Law
- T2.2-16** Certificate of Acquaintance with Tender Documents
- T2.2-17** Service Provider Integrity Pact
- T2.2-18** Job-Creation Schedule
- T2.2-19** Protection of Personal Information

Bonds/Guarantees/Financial/Insurance:

- T2.2-20** Insurance provided by the Contractor
- T2.2-21** Three (3) years audited financial statements
- T2.2-22** Form of Intent to Provide a Performance Guarantee

C1.1 Offer portion of Form of Offer & Acceptance

C1.2 Contract Data Part 2 (Data by Contractor)

C1.3 Forms of Securities

C2.2 Price List

Part T2.2: Returnable Schedules

T2.2-2: Operational Risk

Operational Risk	Bidder's Response		Supporting Documentation
	Yes	No	
Bidder to offer Supply , Operate and Maintain contract			Signed Method Statement
The Machine shall fit the rail structure gauge of 1065mm			Detailed Drawings of the machine
The Machine gross mass shall not exceed 20ton per axle			Machine specification manual or signed Method Statement
The bidder will commit to undertaking site inspections prior to commencement of task order work in order to plan and mitigate on site risk to production, and provide Transnet with the inspection report			Machine specification manual or signed Method Statement
The Machine shall be capable of spoiling on both sides of the track			Machine specification manual or signed Method Statement
The Machine shall have lateral reach of minimum 3m from the centre of the railway line			Machine specification manual or signed Method Statement
The Machine shall have a minimum vertical reach of 4m			Machine specification manual or signed Method Statement
The Machine shall have a limit crane switch for horizontal and vertical reach			Machine specification manual or signed Method Statement
The Machine shall have minimum productive capacity of 8m3 per hour			Machine specification manual or signed Method Statement
The Contractor shall be capable of cleaning drains by hand			Machine specification manual or signed Method Statement
The Contractor shall be capable of cleaning and opening of culverts by hand			Machine specification manual or signed Method Statement
The Machine shall have service brakes and independent emergency brakes capable of providing minimum retardation of 12,5% and gravitational acceleration of 6%			Machine specification manual or signed Method Statement
The machine shall be self-propelled and be capable of travelling free on level track at a minimum speed of 60km/h			Machine specification manual or signed Method Statement
The Machine shall travel free on rail up a gradient of 1:30			Machine specification manual or signed Method Statement
The machine shall be capable of being hauled in both directions as a last vehicle of a train if required to clear the section when on breakdown			Machine specification manual or signed Method Statement
Bidder to provide an organisational structure of the management and key personnel involved in the planning and operation of the machine indicating their roles and responsibilities.			Machine specification manual or signed Method Statement
The Bidder shall commit to employing qualified staff to measure OHTE clearances, trained by either Transnet or an accredited Training Institution.			Machine specification manual or signed Method Statement
The supplier shall provide a layout drawing of the vehicle.			Machine specification manual or signed Method Statement
The Vehicle shall be capable of accommodating at least 2 TRIM employees.			Layout drawing indicating where TFR employee will be seated or specification.
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)

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

<p>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</p> <ul style="list-style-type: none">- Maintenance intervals.- Average time to maintain for both major and minor services- Workshop facilities- Maintenance Structure- Spares Management			<p>Submission of draft maintenance plan</p>
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T2.2-2a Schedules of Machine/S- Normal Production

Workload: Drain cleaning m³ (cubic per metres)

TYPE OF MACHINE OFFERED:

1.1	Type of machine. (Description, year of manufacture, Engine output, other facilities apart from attachments) (Brochure preferably to be attached) Excavating unit Spoil removal unit	
1.2	Carrying capacity (Size and Tonnage) Weight (Empty) Weight (loaded)	
1.3	Loading of spoil: Rate at which machine can excavate in standard drain and load, ready to transport away for spoil. (Bucket size offered and bucket loads per time unit) a) Capacity to load (m ³ h average) b) Load capacity before travel to spoil. c) Estimated portion of working time Twl, loading. d) Historic average m ³ / Tw hour (Loading & Offloading per Tw hour Provide data if available) e) Reach - m from track centre. f) Describe method to adjust for excavation around mast poles and rock outcrops. g) Estimated period to load wagon and cycle time to re-start loading. h) Describe method of trimming / shaping soil drains i) Any other additional description and or quantities related to capacity and rate machine can work	
1.4	Spoil removal & Offloading: Method of spoil loading, volume and method of travel to spoil and site and process of spoil dumping.– describe in detail) a) Describe method of offloading. (Bags, m ³ , wagon/ trailer, cranes? Tip or conveyor system) b) Capacity of spoil loaded before removal. c) Off-load rate d) Reach for offload – m e) Describe method of trimming / shaping spoiled soil.	

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

	f) Any other additional description and or quantities related to capacity and rate machine can work	
1.5	Spoil disposal: Part or independent of Spoil excavation. Describe	
1.6	Speed machine can travel on normal track (section speed min required) a) Machine alone. b) Machine with drain cleaner unit & wagon (Unloaded) c) Machine, Drain clean wagon (Loaded) d) Travel (Empty to new staging)	
1.7	No of workers machine can transport – how will workers be moved to site.	
1.8	Speed machine can travel on 1:30 up-grade: a) Machine alone a) Machine & wagon b) Machine & wagon loaded	
1.9	Describe all operating restrictions	
1.10	Other	

Schedule of Labour for full time support of machine operations
(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.)
1. Contract supervisor			
2. Machine operators			
3. Machine maintenance support Technicians			
4. Machine Technician Trade hands supporting each machine:			
5. Other Machine support Grades: Specify:			
6. Subcontractors supervisor / Track Maser for drain cleaning support.			
7. Subcontractors Trade hands for track support.			
8. Bonders.			
9. Flagmen			

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

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

T2.2-3a: Assessment Schedule - Health and Safety Requirements

Submit the following documents as a minimum with your tender:

1. Health and safety cost breakdown (Bill of Quantities)
 - 0.1% to 1% = Poor
 - 1% - 2% = Fair
 - 2%-3% = Good
2. 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.
3. 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 aswell as official appointment letters.
4. Overview of the project specific Baseline Risk Assessment (RA), indicating the following major activities of the project
 - Site Establishment
 - Repairs/Modification, Installation, Testing and Commissioning of 11 kV AC and 6.6 kV AC
 - Working at height

One activity = Poor, Two activities = Fair and Three activities = Good
5. Complete and return with tender documentation the Contractor Safety Questionnaire included as an Annexure B.
 - Fully Completed Questionnaire only = Poor
 - Fully completed Questionnaire with one supporting documentation = Fair
 - Fully completed Questionnaire with two or more supporting documentation = Good

Attached submissions to this schedule:

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T2.2-3b: Health and Safety Questionnaire

1. SAFE WORK PERFORMANCE																			
1A. Injury Experience / Historical Performance - Alberta																			
Use the previous three years injury and illness records to complete the following:																			
Year																			
Number of medical treatment cases																			
Number of restricted work day cases																			
Number of lost time injury cases																			
Number of fatal injuries																			
Total recordable frequency																			
Lost time injury frequency																			
Number of worker manhours																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">1 - Medical Treatment Case</td> <td>Any occupational injury or illness requiring treatment provided by a physician or treatment provided under the direction of a physician</td> </tr> <tr> <td>2 - Restricted Work Day Case</td> <td>Any occupational injury or illness that prevents a worker from performing any of his/her craft jurisdiction duties</td> </tr> <tr> <td>3 - Lost Time injury Cases</td> <td>Any occupational injury that prevents the worker from performing any work for at least one day</td> </tr> <tr> <td>4 - Total Recordable Frequency</td> <td>Total number of Medical Treatment, Restricted Work and Lost Time Injury cases multiplied by 200,000 then divided by total manhours</td> </tr> <tr> <td>5- Lost Time Injury Frequency</td> <td>Total number of Lost Time Injury cases multiplied by 200,000 then divide by total manhours</td> </tr> </table>				1 - Medical Treatment Case	Any occupational injury or illness requiring treatment provided by a physician or treatment provided under the direction of a physician	2 - Restricted Work Day Case	Any occupational injury or illness that prevents a worker from performing any of his/her craft jurisdiction duties	3 - Lost Time injury Cases	Any occupational injury that prevents the worker from performing any work for at least one day	4 - Total Recordable Frequency	Total number of Medical Treatment, Restricted Work and Lost Time Injury cases multiplied by 200,000 then divided by total manhours	5- Lost Time Injury Frequency	Total number of Lost Time Injury cases multiplied by 200,000 then divide by total manhours						
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5- Lost Time Injury Frequency	Total number of Lost Time Injury cases multiplied by 200,000 then divide by total manhours																		
1B. Workers' Compensation Experience																			
Use the previous three years injury and illness records to complete the following (if applicable):																			
Industry Code:		Industry Classification:																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Year</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Industry Rate</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Contractor Rate</td> <td></td> <td></td> <td></td> </tr> <tr> <td>% Discount or Surcharge</td> <td></td> <td></td> <td></td> </tr> </table>				Year				Industry Rate				Contractor Rate				% Discount or Surcharge			
Year																			
Industry Rate																			
Contractor Rate																			
% Discount or Surcharge																			
Is your Workers' Compensation account in good standing? (Please provide letter of confirmation)		<input type="checkbox"/> Yes <input type="checkbox"/> No																	
2. CITATIONS																			
2A.	Has your company been cited, charged or prosecuted under Health, Safety and/or Environmental Legislation in the last 5 years? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, provide details:																		
	<div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>																		
2B.	Has your company been cited, charged or prosecuted under the above Legislation in another Country, Region or State? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, provide details:																		
	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>																		
3. CERTIFICATE OF RECOGNITION																			
Does your company have a Certificate of Recognition? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, what is the Certificate No. _____ Issue Date _____																			
4. SAFETY PROGRAM																			
Do you have a written safety program manual?		<input type="checkbox"/> Yes	<input type="checkbox"/> No																
If Yes, provide a copy for review																			
Do you have a pocket safety booklet for field distribution?		<input type="checkbox"/> Yes	<input type="checkbox"/> No																
If Yes, provide a copy for review																			
Does your safety program contain the following elements:																			

TRANSNET RAIL INFRASTRUCTURE MANAGER
TENDER NUMBER: SIC24025CIDB

DESCRIPTION OF THE SERVICES: FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

	YES	NO		YES	NO
CORPORATE SAFETY POLICY	<input type="checkbox"/>	<input type="checkbox"/>	EQUIPMENT MAINTENANCE	<input type="checkbox"/>	<input type="checkbox"/>
INCIDENT NOTIFICATION POLICY	<input type="checkbox"/>	<input type="checkbox"/>	EMERGENCY RESPONSE	<input type="checkbox"/>	<input type="checkbox"/>
RECORDKEEPING & STATISTICS	<input type="checkbox"/>	<input type="checkbox"/>	HAZARD ASSESSMENT	<input type="checkbox"/>	<input type="checkbox"/>
REFERENCE TO LEGISLATION	<input type="checkbox"/>	<input type="checkbox"/>	SAFE WORK PRACTICES	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL RULES & REGULATIONS	<input type="checkbox"/>	<input type="checkbox"/>	SAFE WORK PROCEDURES	<input type="checkbox"/>	<input type="checkbox"/>
PROGRESSIVE DISCIPLINE POLICY	<input type="checkbox"/>	<input type="checkbox"/>	WORKPLACE INSPECTIONS	<input type="checkbox"/>	<input type="checkbox"/>
RESPONSIBILITIES	<input type="checkbox"/>	<input type="checkbox"/>	INVESTIGATION PROCESS	<input type="checkbox"/>	<input type="checkbox"/>
PPE STANDARDS	<input type="checkbox"/>	<input type="checkbox"/>	TRAINING POLICY & PROGRAM	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL STANDARDS	<input type="checkbox"/>	<input type="checkbox"/>	COMMUNICATION PROCESSES	<input type="checkbox"/>	<input type="checkbox"/>
MODIFIED WORK PROGRAM	<input type="checkbox"/>	<input type="checkbox"/>			

5. TRAINING PROGRAM
5A. Do you have an orientation program for new hire employees? ☐ Yes ☐ No

If Yes, include a course outline. Does it include any of the following:

	YES	NO		YES	NO
GENERAL RULES & REGULATIONS	<input type="checkbox"/>	<input type="checkbox"/>	CONFINED SPACE ENTRY	<input type="checkbox"/>	<input type="checkbox"/>
EMERGENCY REPORTING	<input type="checkbox"/>	<input type="checkbox"/>	TRENCHING & EXCAVATION	<input type="checkbox"/>	<input type="checkbox"/>
INJURY REPORTING	<input type="checkbox"/>	<input type="checkbox"/>	SIGNS & BARRICADES	<input type="checkbox"/>	<input type="checkbox"/>
LEGISLATION	<input type="checkbox"/>	<input type="checkbox"/>	DANGEROUS HOLES & OPENINGS	<input type="checkbox"/>	<input type="checkbox"/>
RIGHT TO REFUSE WORK	<input type="checkbox"/>	<input type="checkbox"/>	RIGGING & CRANES	<input type="checkbox"/>	<input type="checkbox"/>
PERSONAL PROTECTIVE EQUIPMENT	<input type="checkbox"/>	<input type="checkbox"/>	MOBILE VEHICLES	<input type="checkbox"/>	<input type="checkbox"/>
EMERGENCY PROCEDURES	<input type="checkbox"/>	<input type="checkbox"/>	PREVENTATIVE MAINTENANCE	<input type="checkbox"/>	<input type="checkbox"/>
PROJECT SAFETY COMMITTEE	<input type="checkbox"/>	<input type="checkbox"/>	HAND & POWER TOOLS	<input type="checkbox"/>	<input type="checkbox"/>
HOUSEKEEPING	<input type="checkbox"/>	<input type="checkbox"/>	FIRE PREVENTION & PROTECTION	<input type="checkbox"/>	<input type="checkbox"/>
LADDERS & SCAFFOLDS	<input type="checkbox"/>	<input type="checkbox"/>	ELECTRICAL SAFETY	<input type="checkbox"/>	<input type="checkbox"/>
FALL ARREST STANDARDS	<input type="checkbox"/>	<input type="checkbox"/>	COMPRESSED GAS CYLINDERS	<input type="checkbox"/>	<input type="checkbox"/>
AERIAL WORK PLATFORMS	<input type="checkbox"/>	<input type="checkbox"/>	WEATHER EXTREMES	<input type="checkbox"/>	<input type="checkbox"/>

5B. Do you have a program for training newly hired or promoted supervisors? ☐ Yes ☐ No

(If Yes, submit an outline for evaluation. Does it include instruction on the following:

	Yes	No		Yes	No
EMPLOYER RESPONSIBILITIES	<input type="checkbox"/>	<input type="checkbox"/>	SAFETY COMMUNICATION	<input type="checkbox"/>	<input type="checkbox"/>
EMPLOYEE RESPONSIBILITIES	<input type="checkbox"/>	<input type="checkbox"/>	FIRST AID/MEDICAL PROCEDURES	<input type="checkbox"/>	<input type="checkbox"/>
DUE DILIGENCE	<input type="checkbox"/>	<input type="checkbox"/>	NEW WORKER TRAINING	<input type="checkbox"/>	<input type="checkbox"/>
SAFETY LEADERSHIP	<input type="checkbox"/>	<input type="checkbox"/>	ENVIRONMENTAL REQUIREMENTS	<input type="checkbox"/>	<input type="checkbox"/>
WORK REFUSALS	<input type="checkbox"/>	<input type="checkbox"/>	HAZARD ASSESSMENT	<input type="checkbox"/>	<input type="checkbox"/>
INSPECTION PROCESSES	<input type="checkbox"/>	<input type="checkbox"/>	PRE-JOB SAFETY INSTRUCTION	<input type="checkbox"/>	<input type="checkbox"/>
EMERGENCY PROCEDURES	<input type="checkbox"/>	<input type="checkbox"/>	DRUG & ALCOHOL POLICY	<input type="checkbox"/>	<input type="checkbox"/>
INCIDENT INVESTIGATION	<input type="checkbox"/>	<input type="checkbox"/>	PROGRESSIVE DISCIPLINARY POLICY	<input type="checkbox"/>	<input type="checkbox"/>
SAFE WORK PROCEDURES	<input type="checkbox"/>	<input type="checkbox"/>	SAFE WORK PRACTICES	<input type="checkbox"/>	<input type="checkbox"/>
SAFETY MEETINGS	<input type="checkbox"/>	<input type="checkbox"/>	NOTIFICATION REQUIREMENTS	<input type="checkbox"/>	<input type="checkbox"/>

6. SAFETY ACTIVITIES

Do you conduct safety inspections? Yes No Weekly Monthly Quarterly
☐ ☐ ☐ ☐ ☐

Describe your safety inspection process (include participation, documentation requirements, follow-up, report distribution).

Who follows up on inspection action items? _____

Do you hold site safety meetings for field employees? If Yes, how often?

Yes No Daily Weekly Biweekly
☐ ☐ ☐ ☐ ☐

Do you hold site meetings where safety is addressed with management and field supervisors?

Yes No Weekly Biweekly Monthly
☐ ☐ ☐ ☐ ☐

Is pre-job safety instruction provided before to each new task? ☐ Yes ☐ No

Is the process documented? ☐ Yes ☐ No

Who leads the discussion? _____

Do you have a hazard assessment process? ☐ Yes ☐ No

- Are hazard assessments documented? If yes, how are hazard assessments communicated and implemented on each project? Who is responsible for leading the hazard assessment process?

Does your company have policies and procedures for environmental protection, spill clean-up, reporting, waste disposal, and recycling as part of the Health & Safety Program?

☐ Yes ☐ No

How does your company measure its H&S success?

- Attach separate sheet to explain

7. SAFETY STEWARDSHIP

7A Are incident reports and report summaries sent to the following and how often?

	Yes	No	Monthly	Quarterly	Annually
Project/Site Manager	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managing Director	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety Director/Manager	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
/Chief Executive Officer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7B How are incident records and summaries kept? How often are they reported internally?

	Yes	No	Monthly	Quarterly	Annually
Incidents totaled for the entire company	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Incidents totaled by project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Subtotaled by superintendent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Subtotaled by foreman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7C How are the costs of individual incidents kept? How often are they reported internally?

	Yes	No	Monthly	Quarterly	Annually
Costs totaled for the entire company	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Costs totaled by project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Subtotaled by superintendent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

<ul style="list-style-type: none"> Subtotaled by foreman/general foreman 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7D Does your company track non-injury incidents?	Yes	No	Monthly	Quarterly	Annually
Near Miss	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8 PERSONNEL		
List key health and safety officers planned for this project. Attach resume.		
Name	Position/Title	Designation
Supply name, address and phone number of your company's corporate health and safety representative. Does this individual have responsibilities other than health, safety and environment?		
Name	Address	Telephone Number
Other responsibilities:		
9 REFERENCES		
List the last three company's your form has worked for that could verify the quality and management commitment to your occupational Health & Safety program		
Name and Company	Address	Phone Number

T2.2-3c: 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	
For The Provision of Maintenance of Railway Track with On-Track Drain Cleaner Machine on An as and When Required Basis Countrywide for A Period of Thirty-Six (36) Months	SIC24025CIDB	Various locations	

#	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			

Total Health and Safety Estimate (R)	
Total Estimate Value (R)	
H&S Cost as % of Tender value	

T2.2-4: 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

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

T2.2-5: 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		
10		
11		
12		
13		
14		
15		

Attach additional pages if more space is required.

T2.2-6 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:

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

T2.2-7: Returnable: Enterprise Risk Management and Business Continuity Management Requirements (Due Diligence)

The preferred Contractor(s) from the approved list to identify and evaluate the potential risk elements associated with the Works/ Services etc. and possible mitigation thereof for the relevant Procurement Phase. The risk elements and the mitigation as identified thereof by the preferred Contractor(s) are to be submitted with other returnable documents in separate file.

If no risks are identified "No Risk" must be stated on this schedule.

The Preferred Contractor(s) to demonstrate their understand of potential Business Continuity threats, through a relevant Business Impact Analysis process and measures to be implemented to recover associated Works/ Services within pre-defined recovery times, to ensure Business Continuity.

NB: The Preferred Contractor(s) from approved list required to methodically prepare comprehensive documentation that addresses the elements of Risk Management and Business Continuity Management to be assessed. These documents shall be organized into a 'Separate Risk Management Folder' by all potential bidders. This segregation is crucial to guarantee that the assessment process for Risk Management and Business Continuity Management Elements is conducted with objectivity, fairness, and transparency, and is solely based on the merit of the Contractor(s)' respective risk management documents submitted post award.

Attached submissions:

Signed

Date

Name

Position

Tenderer

The Assessment Criteria Guideline for the specific Tenderer's Risk Elements will be as follows:

1. Assessment Elements: Risk Management and Business Continuity Management (BCM)	
Tender Number: SIC24025CIDB	
Tender Description: FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE	
1.1. Business Continuity Management (BCM)	Due Diligence
<p>Detailed Business Continuity Management Document prepared and based on Business Continuity Management best practices and relevant Standard must cover the BIA and Business Continuity Plan (BCP).</p> <p>This structured approach in assessing BCM submissions will help to ensure a comprehensive assessment of each bidder's ability to manage and respond to business disruptions effectively. The assessment will consider how well these elements integrate with the project or service specifics or proposed RFI solution, reflecting the bidder's understanding of the unique requirements of the project and preparedness and resilience when faced with potential unforeseen disruptions during piloting or execution of the project or service or associated solution proposed in RFP.</p> <p>The BCM will be assessed based on the following key elements:</p> <ul style="list-style-type: none"> 1.1.1. BCM Policy and Framework for the Tenderer: - Bidder's Policy Statement Alignment with industry standards and best practices; and Clarity and comprehensiveness of the BCM policy and framework. 1.1.2. BCM Risk Assessment and Mitigation: - Thoroughness in identifying business continuity related potential business continuity risks; Effectiveness of proposed BCM mitigation strategies; and BCM relevance to pilot site or project-specific risks. 1.1.3. Incident Management and Response Plan: - Detailed incident management procedures; Clarity in response roles and responsibilities; and Practicality and speed of response in emergency situations (Experience in incident management or BCP or IT Disaster Recovery Plans simulation scenario). 1.1.4. Business Continuity Plans for Critical Functions Process: - Specific plans for each critical business function process relevant to project or service to be rendered post tender award; Depth in detailing continuity strategies; and Consistency with overall business objectives and project or service goals. 1.1.5. Communication Plan during Disruption: - Clarity and effectiveness of communication strategies; and Identification of key stakeholders and methods of communication. 1.1.6. BCM Training and Awareness Programs: - Scope and frequency of training programs; and BCM Strategies to enhance staff awareness and preparedness. 1.1.7. Testing and Maintenance of Business Continuity Plans: - Regularity of BCP testing; Documented revisions and updates to the 	<p>The 10 listed critical elements for the BCM are required.</p> <p>All elements will be assessed as per the guide provided, for adequacy and relevance to the project / pilot service offering etc. A Risk Management and Business Continuity Management Assessment Report to be generated covering BCP Elements and to be shared with appointed Contractor post tender award during kick-off sessions.</p>

<p>plans; and Ability to adapt and improve plans based on test or simulation outcomes.</p> <p>1.1.8. Third-party Supplier and Vendor BCM Compliance: - Assurance of BCM compliance among Tenderers suppliers and vendors; Strategies to manage third-party risks; Integration of vendor risks into overall BCM strategy.</p> <p>1.1.9. Crisis Leadership and Decision-making Structure: - Clearly defined crisis leadership roles; Decision-making processes during crisis; and Capability to maintain control and direction under crisis conditions.</p> <p>1.1.10. Common Data: Provision of Common Data for critical Resources required during disruption or disaster events and required to relocate to recovery site or expected to work from home if workplace is not accessible during disaster, flooding, heat wave or labour unrest.</p>	
1.2. Business Continuity Management - Business Impact Analysis (BIA)	Due Diligence
<p>Detailed Business Continuity Management Document prepared and based on Business Continuity Management best practices and relevant Standard must cover the BIA and Business Continuity Plan (BCP).</p> <p>The BIA will be assessed based on the following key elements:</p> <p>1.2.1. Business Continuity Management and Identification of critical processes within the project / service: - Demonstration of Business Resilience, Agility and that the critical activities and/ or processes are identified. These are activities and/ or processes if disrupted prevent project or pilot completion / service delivery.</p> <p>1.2.2. Recovery Time Objective (RTO) in case of any interruption that may arise: - Detail for each of the above critical activities and/ or processes what is the determined acceptable recovery time objective for re-instatement of the activity/ process (consider all applicable SLA or regulatory requirements).</p> <p>1.2.3. Recovery Strategy: - How will the service provider/ supplier recover - Detail the step-by-step process as to how the critical activities and/ or processes will be recovered? In which order? Whom is to undertake the recovery etc.</p> <p>1.2.4. Operational dependencies: - Note all internal and external dependencies for the recovery of the listed critical activities and/ or processes e.g.: Operational equipment, telephones; facilities; etc. needed to ensure continuity.</p> <p>1.2.5. Alternative supply of equipment and/ or supply of extra staff:- Provide adequate information on how alternate equipment or additional experienced staff will be secured if a BCM incident negatively impacting these resources as originally allocated for completion of a project/pilot/ delivery of a service.</p> <p>1.2.6. Battle Box:- Provide details on whether a battle box is established and what it entails/ contains. This may be either a physical collection or an electronic repository of recovery plans, other necessary documentation, templates, memo's, letter heads etc. required for re-instatement of business-critical systems. In some instance this can also include off-site stores of certain equipment or electronic devices etc.</p>	<p>The 6 listed critical elements for the BIA are required.</p> <p>All elements will be Assessed as per the guide provided, for adequacy and relevance to the project / Pilot / service offering etc. A Risk Management and Business Continuity Management Assessment Report to be generated covering BIA Elements and to be shared with appointed Contractor post tender award during kick-off sessions.</p>

1.3. Business Continuity Management - Business Continuity Plan (BCP)	Due Diligence
<p>The detailed BCP or related annexures to the plan must contain:</p> <p>1.3.1. Emergency operating procedure: - Must detail the steps to be followed following an emergency/ incident at the site / location of impact.</p> <p>1.3.2. Business Continuity Invocation Action: - Once the incident is under control and its impact determined and assessed, this details the when, the how and by whom the BCP will be invoked.</p> <p>1.3.3. Project Recovery Resources: - Identify and list the recovery resources. These maybe additional resources or re-arrangement of existing resources as required to support the recovery of critical activities and/ or processes as detailed in the BCP, within the RTO.</p> <p>1.3.4. Business/ Supplier Contact List: - Demonstrate that these have been identified and means to easily contact them is in place.</p> <p>1.3.5. Emergency Contacts: - inclusive as per item 1 to initially deal with the incident (emergency services etc), then thereafter must also include the BCM recovery team members, names, and contact details.</p>	<p>The 5 listed elements for the BCP are required.</p> <p>All elements will be assessed as per the guide provided, for adequacy and relevance to the project / service offering etc. A Risk Management and Business Continuity Management Assessment Report to be generated covering BCP Elements and to be shared with appointed Contractor post tender award during kick-off sessions.</p>
1.4. Risk Management - Risk Management Plan (RMP) - Project/ Pilot Operational Risks be based on the scope of works/ services etc.	Due Diligence
<p>The assessment of the detailed RMP will be based risk management best practices or applicable standards and on the scope of works, must contain the following:</p> <p>1.4.1. Submitted Risk Management Policy and Framework for the Tenderer: - Policy Statement Alignment with industry standards and best practices; and Clarity and comprehensiveness of the Risk Management Policy and Signed by the employee or owner.</p> <p>1.4.2. Identification of Risks of Project /Pilot Service Interruption during the project/pilot execution: - A risk register that contains the identified risks of service interruption and / or non-delivery of services etc. during the project/pilot execution. Demonstrate an understanding of the internal and external threats to effective service delivery within scope and to quality.</p> <p>1.4.3. Risk Analysis Methodology: - Demonstrate for risk identified, the causes, risk consequence/ impact and risk likelihood/ probability rating and how the risk rating is calculated. The methodology may also provide a view on the effectiveness of controls and the residual risk after application of controls.</p> <p>1.4.4. Ranking of the Risks: - Once the risk register is completed a risk heat map and listing of the risks by name/ risk description from highest to lowest ranked risk provided in the RFI Response document.</p> <p>1.4.5. Risk Mitigation Measures for the identified risks and Responsible Person: - Provided in the risk register for each</p>	<p>The 5 listed elements for the RMP are required.</p> <p>All elements will be assessed as per the guide provided, for adequacy and relevance to the project / service offering etc. A Risk Management and Business Continuity Management Assessment Report to be generated covering RMP Elements and to be shared with appointed Contractor post</p>

TRANSNET RAIL INFRASTRUCTURE MANAGER

TENDER NUMBER: SIC24025CIDB

DESCRIPTION OF THE SERVICES: FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

assessed risk the controls in place to manage the risk along with additional risk tasks to further mitigate the risk; and Responsible person: Ensure the risks have assigned risk owners, assigned control owners for the checking on controls and any other person assigned a risk action to complete under the risk register.	tender award during kick-off sessions.
---	--

T2.2-8: 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 not submitted by the bidder.
(Score 20)	Poorly written EMP with zero/no key impacts and mitigation measures specific to the project
(Score 40)	EMP contains 1-3 key impacts and mitigation measures specific to the project.
(Score 60)	EMP contains 4-6 key impacts and mitigation measures specific to the project.
(Score 80)	EMP contains 7-9 key reasonable and relevant impacts and mitigation measures specific to the project.
(Score 100)	EMP contains 10 and more key reasonable and relevant impacts and mitigation measures specific to the project, which meet and exceed tender requirements.
Key Roles and Responsibilities (20%)	

(Score 0)	The EMP is not submitted by the bidder.
(Score 20)	Poorly written EMP with zero/no key roles and responsibilities specific to the project.
(Score 40)	EMP contains 1-3 key reasonable and relevant roles and responsibilities specific to the project.
(Score 60)	EMP contains 4-6 key reasonable and relevant roles and responsibilities specific to the project.
(Score 80)	EMP contains 7-9 key reasonable and relevant key reasonable and relevant roles and responsibilities specific to the project.
(Score 100)	EMP contains 10 and more key 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 not submitted by the bidder.
(Score 20)	Poorly written EMP with zero/no monitoring techniques, no training and no form of reporting.
(Score 40)	Tenderer did not demonstrate understanding of the project scope and provided irrelevant information 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.

Attached submissions to this schedule:

.....

.....

.....

.....

.....

.....

TRANSNET RAIL INFRASTRUCTURE MANAGER

TENDER NUMBER: SIC24025CIDB

DESCRIPTION OF THE SERVICES: FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.



Signed

Date

Name

Position

Tenderer

T2.2-9: Schedule of Proposed Subcontractors

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:

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

T2.2-10: Affected Property Establishment Requirements

Tenderers to indicate their Affected Property establishment area requirements:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

T2.2-11: Schedule of Proposed Subcontractors

The tenderer is required to provide details of all the sub-contractors that will be utilised in the execution of the service.

Tenderer to provide following evidence for Sub-contracting.

- Sub-contracting Agreements
- Proof of B-BBEE Status Compliance of Sub-contractor/s

Note to tenderers:

Tenderer to note that after award, any deviations from this list of proposed sub-contractors will be subject to acceptance by the Service Manager in terms of the Conditions of Contract.

Provide information of the Sub-contractors below:

Name of Proposed Subcontractor			Address		Nature of work	Amount of Worked	Percentagee of work
% Black Owned	EME	QSE	Youth	Women	Disabiliti es	Rural/ Underdevelo ped areas/ Townships	Military Veterans
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Name of Proposed Subcontractor			Address		Nature of work	Amount of Worked	Percentage of work
% Black Owned	EME	QSE	Youth	Women	Disabiliti es	Rural/ Underdevelo ped areas/ Townships	Military Veterans

TRANSNET RAIL INFRASTRUCTURE MANAGER
TENDER NUMBER: SIC24025CIDB

DESCRIPTION OF THE SERVICES: FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Name of Proposed Subcontractor			Address		Nature of work	Amount of Worked	Percentage of work
% Black Owned	EME	QSE	Youth	Women	Disabilities	Rural/ Underdeveloped areas/ Townships	Military Veterans
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Name of Proposed Subcontractor			Address		Nature of work	Amount of Worked	Percentage of work
% Black Owned	EME	QSE	Youth	Women	Disabilities	Rural/ Underdeveloped areas/ Townships	Military Veterans
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

T2.2-12 : CIDB SFU ANNEX G 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.

1. SECTION 1: NAME OF ENTERPRISE: _____

2. SECTION 2: VAT REGISTRATION NUMBER, IF ANY: _____

3. SECTION 3: CIDB REGISTRATION NUMBER, IF ANY: _____

4. SECTION 4: CSD NUMBER: _____

5. 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

6. SECTION 6: PARTICULARS OF COMPANIES AND CLOSE CORPORATIONS

Company registration number _____

Close corporation number _____

Tax reference number: _____

Section 7: The attached SBD 6 must be completed for each tender and be attached as a tender requirement.

Section 8: The attached SBD 4 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

SPECIFIC GOALS POINTS CLAIM FORM

This preference form must form part of all bids invited. It contains general information and serves as a claim for preference points for Specific Goals contribution. Transnet will award preference points to companies who provide valid proof of evidence as per the table of evidence in paragraph 4.1 below.

1. GENERAL CONDITIONS

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

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

1.2 The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 90/10 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;
- (b) B-BBEE Status Level of Contribution; and
- (c) Any other specific goal determined in the Transnet preferential procurement policy

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

PRICE AND SPECIFIC GOALS	POINTS
PRICE	90
SPECIFIC GOALS	
B-BBEE status level of contribution level 1 or 2	3
EMEs and QSE entities that are at least 51% black owned	2
Entities that are at least 30% black woman owned	2
Creation of jobs and labour intensification <ul style="list-style-type: none"> • Fully completed, declared, and signed job creation schedule will score bidders full 5 points • Incomplete, submitted blank or not submitted job creation schedule score zero points 	3
Non-Compliant and/or B-BBEE Level 3-8 contributors	0
Total points for Price and Specific Goals must not exceed	100

1.5 Failure on the part of a bidder to submit proof of evidence required for any of the specific goals together with the bid will be interpreted to mean that preference points for that specific goal 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-BBEE 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 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);
- (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.
- (l) **"Specific goals"** means targeted advancement areas or categories of persons or groups either previously disadvantaged or falling within the scope of the Reconstruction and Development Programme identified by Transnet to be given preference in allocation of procurement contracts in line with section 2(1) of the PPPFA.

3. POINTS AWARDED FOR PRICE

3.1 THE 90/10 PREFERENCE POINT SYSTEMS

A maximum of 90 points is allocated for price on the following basis:
90/10

$$P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

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

3.2

Selected Specific Goals	Number of points allocated (10)
B-BBEE status level of contribution level 1 or 2	3
EMEs and QSE entities that are at least 51% black owned	2
Entities that are at least 30% black woman owned	2
Creation of jobs and labour intensification <ul style="list-style-type: none"> Fully completed, declared, and signed job creation schedule will score bidders full 5 points Incomplete, submitted blank or not submitted job creation schedule score zero points 	3
Non-Compliant and/or B-BBEE Level 3-8 contributors	0

4. EVIDENCE REQUIRED FOR CLAIMING SPECIFIC GOALS

- 4.1 In terms of Transnet Preferential Procurement Policy (TPPP) and Procurement Manuals, preference points must be awarded to a bidder for providing evidence in accordance with the table below:

Specific Goals	Acceptable Evidence
B-BBEE	B-BBEE Certificate / Sworn- Affidavit / B-BBEE CIPC Certificate (in case of JV, a consolidated scorecard will be accepted) as per DTIC guideline
EMEs and QSE entities that are at least 51% black owned	B-BBEE Certificate / Sworn- Affidavit / B-BBEE CIPC Certificate (in case of JV, a consolidated scorecard will be accepted) as per DTIC guideline
Entities that are at least 30% black woman owned	B-BBEE Certificate / Sworn-Affidavit B-BBEE Certificate (in case of JV, a consolidate scorecard will be accept) as per DTIC guidelines
Creation of jobs and labour intensification <ul style="list-style-type: none"> Fully completed, declared, and signed job creation schedule will score bidders full 5 points Incomplete, submitted blank or not submitted job creation schedule score zero points 	T.2-18 Job Creation Schedule Returnable documents

- 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 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)

	[Sworn affidavits must substantially comply with the format that can be obtained on the DTI's website at www.dti.gov.za/economic_empowerment/bee_codes.jsp .]
EME	Sworn Affidavit signed by the authorised EME representative and attested by a Commissioner of Oaths confirming annual turnover and black ownership Certificate issued by CIPC (formerly CIPRO) confirming annual turnover and black ownership 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 10 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	
-----	--	----	--

- 7.1.1 If yes, indicate:

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

(*Tick applicable box*)

YES		NO	
-----	--	----	--

[illegible]

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

8.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
- ☐ Supplier
- ☐ Professional Service provider
- ☐ Other Service providers, 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 paragraph 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,, 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

.....

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state?

YES/NO

- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....

3 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 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 consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 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.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 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

² 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.

TRANSNET RAIL INFRASTRUCTURE MANAGER

TENDER NUMBER: SIC24025CIDB

DESCRIPTION OF THE SERVICES: FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.



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.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.
I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

T2.2-13 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 Transnet Corporate Centre 138 Eloff Street , Braamfontein , Johannesburg 2000

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 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 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, below.*
- 2.4 In the event that the Receiving Party is required to disclose any Confidential Information in accordance with clause, 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 **Error! Reference source not found.** 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.

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

Signed		Date	
Name		Position	
Tenderer			

T2.2-14: 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

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

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 T2.2-20 "Service Provider Integrity Pact".

For and on behalf of 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.
- 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
- 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 Bidder

T2.2-15: Request for Quotation – Breach of Law

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.

- ii. 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

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

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

- iii. 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.
- iv. We have acquainted ourselves and agree with the content of T2.2-20 "Service Provider Integrity Pact".

For and on behalf of 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.
- 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
- 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 Bidder

T2.2-16 Certificate of Acquaintance with Tender DocumentsNAME 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 RFQ. 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

T2.2-17 Service Provider Integrity Pact

Important Note: All potential tenderers must read this document and certify in the RFQ Declaration Form that they 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.

1 OBJECTIVES

1.1 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.

2 COMMITMENTS OF TRANSNET

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

- 2.1 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.
- 2.2 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.
- 2.3 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.
- 2.4 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.

3 OBLIGATIONS OF THE TENDERER / SERVICE PROVIDER

3.1 Transnet has a '**Zero Gifts**' Policy. No employee is allowed to accept gifts, favours or benefits.

- a) Transnet officials and employees **shall not** solicit, give or accept, or from agreeing to solicit, give, accept or receive directly or indirectly, any gift, gratuity, favour, entertainment, loan, or anything of monetary value, from any person or juridical entities in the course of official duties or in connection with any operation being managed by, or any transaction which may be affected by the functions of their office.
- b) Transnet officials and employees **shall not** solicit or accept gifts of any kind, from vendors, suppliers, customers, potential employees, potential vendors, and suppliers, or any other individual or organisation irrespective of the value.

- c) Under **no circumstances** should gifts, business courtesies or hospitality packages be accepted from or given to prospective suppliers participating in a tender process at the respective employee's Operating Division, regardless of retail value.
 - d) Gratuities, bribes or kickbacks of any kind must never be solicited, accepted or offered, either directly or indirectly. This includes money, loans, equity, special privileges, personal favours, benefit or services. Such favours will be considered to constitute corruption.
- 3.2 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.
- 3.3 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.
- 3.4 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.
- 3.5 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/Contractor 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.

- 3.6 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.
- 3.7 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/Contractor or detriment of Transnet or other competitors.
- 3.8 Transnet may require the Tenderer/Service Provider/Contractor to furnish Transnet with a copy of its code of conduct. Such code of conduct must address the compliance programme for the implementation of the code of conduct and reject the use of bribes and other dishonest and unethical conduct.
- 3.9 The Tenderer/Service Provider/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 3.10 The Tenderer/Service Provider/Contractor confirms that they will uphold the ten principles of the United Nations Global Compact (UNGC) in the fields of Human Rights, Labour, Anti-Corruption and the Environment when undertaking business with Transnet as follows:
- a) Human Rights
- Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and
 - Principle 2: make sure that they are not complicit in human rights abuses.
- b) Labour
- Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;
 - Principle 4: the elimination of all forms of forced and compulsory labour;
 - Principle 5: the effective abolition of child labour; and
 - Principle 6: the elimination of discrimination in respect of employment and occupation.
- c) Environment
- Principle 7: Businesses should support a precautionary approach to environmental challenges;
 - Principle 8: undertake initiatives to promote greater environmental responsibility; and
 - Principle 9: encourage the development and diffusion of environmentally friendly technologies.
- d) Anti-Corruption
- Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.

4 INDEPENDENT TENDERING

- 4.1 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.
- 4.2 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.
- 4.3 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.
- 4.4 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.
- 4.5 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.
- 4.6 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.
- 4.7 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.

5 DISQUALIFICATIONS FROM TENDERING PROCESS

- 5.1 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.

- 5.2 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.
- 5.3 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.

6 TRANSNET'S LIST OF EXCLUDED TENDERERS (BLACKLIST)

- 6.1 The process of restriction is used to exclude a company/person from conducting future business with Transnet and other organs of state for a specified period. No Tender shall be awarded to a Tenderer whose name (or any of its members, directors, partners or trustees) appear on the Register of Tender Defaulters kept by National Treasury, or who have been placed on National Treasury's List of Restricted Suppliers. Transnet reserves the right to withdraw an award, or cancel a contract concluded with a Tenderer should it be established, at any time, that a tenderer has been restricted with National Treasury by another government institution.
- 6.2 All the stipulations around Transnet's blacklisting process as laid down in Transnet's Supply Chain Policy and Procurement Procedures Manual (CPM included) are included herein by way of reference. Below follows a condensed summary of this blacklisting procedure.
- 6.3 On completion of the restriction procedure, Transnet will submit the restricted entity's details (including the identity number of the individuals and registration number of the entity) to National Treasury for placement on National Treasury's Database of Restricted Suppliers for the specified period of exclusion. National Treasury will make the final decision on whether to restrict an entity from doing business with any organ of state for a period not exceeding 10 years and place the entity concerned on the Database of Restricted Suppliers published on its official website.
- 6.4 The decision to restrict is based on one of the grounds for restriction. The standard of proof to commence the restriction process is whether a "*prima facie*" (i.e. on the face of it) case has been established.
- 6.5 Depending on the seriousness of the misconduct and the strategic importance of the Goods/Services, in addition to restricting a company/person from future business, Transnet may decide to terminate some or all existing contracts with the company/person as well.
- 6.6 A Service Provider or Contractor to Transnet may not subcontract any portion of the contract to a blacklisted company.
- 6.7 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.

6.8 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.

6.9 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.

7 PREVIOUS TRANSGRESSIONS

7.1 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.

7.2 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.)

8 SANCTIONS FOR VIOLATIONS

8.1 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.

9 CONFLICTS OF INTEREST

9.1 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.

9.2 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.

9.3 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.

9.4 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.

10 DISPUTE RESOLUTION

10.1 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 **Error! Reference source not found.** 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.

11 GENERAL

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

11.2 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.

- 11.3 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.
- 11.4 Should one or several provisions of this Integrity Pact turn out to be invalid the remainder of this Integrity Pact remains valid.
- 11.5 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 provided in this Integrity Pact is true and correct.

I duly authorised by the tendering entity, hereby certify that the tendering entity are **fully acquainted** with the contents of the Integrity Pact and further **agree to abide by it** in full.

Signature

Date

T.2-18: 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 *Service 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.

Years 1	Q1	Q2	Q3	Q4
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				

Year 2	Q1	Q2	Q3	Q4
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				

Year 3	Q1	Q2	Q3	Q4
Total number of new jobs				
Number of new jobs for Black men				
Number of new jobs for black women				

TRANSNET RAIL INFRASTRUCTURE MANAGER
TENDER NUMBER: SIC24025CIDB

DESCRIPTION OF THE SERVICES: FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

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				

T2.2.19 Agreement in terms of Protection of Personal Information Act, 4 of 2013 ("POPIA")

1. The following terms shall bear the same meaning as contemplated in Section 1 of the Protection of Person information act, No.4 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. Transnet will process all information by the Respondent 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.
3. The Parties acknowledge and agree that, in relation to personal information that will be processed pursuant to this RFQ, the Responsible party is "Transnet" and the Data subject is the "Respondent". Transnet will process personal information only with the knowledge and authorisation of the Respondent and will treat personal information 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.
4. Transnet reserves all the rights afforded to it by the POPIA in the processing of any of its information as contained in this RFQ and the Respondent is required to comply with all prescripts as detailed in the POPIA relating to all information concerning Transnet.
5. In responding to this bid, Transnet acknowledges that it will obtain and have access to personal information of the Respondent. Transnet agrees that it shall only process the information disclosed by Respondent in their response to this bid for the purpose of evaluating and subsequent award of business and in accordance with any applicable law.
6. Transnet further agrees that in submitting any information or documentation requested in this RFQ, the Respondent is consenting to the further processing of their personal information for the purpose of, but not limited to, risk assessment, assurances, contract award, contract management, auditing, legal opinions/litigations, investigations (if applicable), document storage for the legislatively required period, destruction, de-identification and publishing of personal information by Transnet and/or its authorised appointed third parties.
7. Furthermore, Transnet will not otherwise modify, amend or alter any personal data submitted by the Respondent or disclose or permit the disclosure of any personal data to any third party without the prior written consent from the Respondent. Similarly, Transnet requires the Respondent to process any personal information disclosed by Transnet in the bidding process in the same manner.
8. Transnet 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 this RFQ (physically, through a computer or any other form of electronic communication).

9. Transnet shall notify the Respondent in writing of any unauthorised access to information, 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 Respondent must take all necessary remedial steps to mitigate the extent of the loss or compromise of personal information and to restore the integrity of the affected personal information as quickly as is possible.
10. The Respondent may, in writing, request Transnet to confirm and/or make available any personal information in its possession in relation to the Respondent and if such personal information has been accessed by third parties and the identity thereof in terms of the POPIA. The Respondent may further request that Transnet correct (excluding critical/mandatory or evaluation information), delete, destroy, withdraw consent or object to the processing of any personal information relating to the Respondent in Transnet's possession in terms of the provision of the POPIA and utilizing Form 2 of the POPIA Regulations.
11. In submitting any information or documentation requested in this RFQ, the Respondent is hereby consenting to the processing of their personal information for the purpose of this RFQ and further confirming that they are aware of their rights in terms of Section 5 of POPIA.

Respondents are required to provide consent below:

YES		NO	
------------	--	-----------	--

12. Further, the Respondent declares that they have obtained all consents pertaining to other data subject's personal information included in its submission and thereby indemnifying Transnet against 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 the Respondent submitted.
13. The Respondent declares that the personal information submitted for the purpose of this RFQ is complete, accurate, not misleading, is up to date and may be updated where applicable.

Signature of Respondent's authorised representative: _____

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

T2.2-20: 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 (See clause 83.1 of the TSC)	Name of Insurance 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.			

T2.2-21: 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:

.....

.....

.....

.....

.....

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:

FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANING MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

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 of this contract* is the **South African Rand.**

The offered total of the Prices exclusive of VAT is	R
Value Added Tax @ 15% is	R
The offered total of the Prices inclusive of VAT is	R
(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	_____	_____

PART C2: PRICING DATA

Document reference	Title	No of pages
C2.1	Pricing instructions	2 - 5
C2.2	Price Lists Production Machine with a minimum of 8m3 Price List	5 - 5

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

11.2 (12) The Price List is the price list unless later changed in accordance with this contract.

(17) The Price for Services Provided to date is the total of 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.

(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.

Clause 50 in NEC3 Term Service Contract (TSC3) core clauses and Option A states:

Assessing the amount due

50.2 The amount due is the Prices for the Services Provided to date plus other amounts to be paid to the Contractor, less amounts to be paid by or retained from the Contractor.

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. The Contractor should make a provision of standing time when pricing. Standing time which might be due to the Employer or external factors such as weather, theft and incidents during the occupations and outside of the occupation should be factored on the main rate while pricing.

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) Volume based pricing with applicable rates based on actual volumes of work provided to the Contractor

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 m3 removed from the drains by the drain cleaner machine or manual/hand team**. The quantities provided on the price list are estimates and not guaranteed.

4.1 Item 1 Cubic meters removed

4.1.1 Item 1.1: Cubic Meters Removed by Machine Rate

This refers to the spoil removed in cubic meters (m3) by the machine. The *Contractor* shall be paid for the spoil removed.

4.1.2 Item 1.2: Cubic Meters Removed by Hands Rate

This refers to cleaning of drains and removal of spoil manually using hands. Payment shall be done for the spoil removed.

4.1.3 Item 1.3: Cleaning of Culverts by Hands Rate

This refers to cleaning and opening of culverts manually using hands. The item shall be paid for each culvert cleaned manually using hands.

4.1.4 Item 1.4: Stand-by Rate

This shall be applicable during the annual December break provided that the Contractor is requested to be on stand-by.

4.1.5 Item 1.5: Cleaning of level crossings by Hands Rate

This refers to cleaning and opening of level crossings manually using hands. The item shall be paid for each level crossing cleaned manually using hands.

4.2 Item 2 Overtime

4.2.1 Item 2.1 Normal Overtime

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 weekdays (Monday to Friday) in excess of the hours of maximum occupation time (TOM) of 8 (eight) hours per day.

4.2.2 Item 2.2 Saturday Overtime

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 the occupation time allocated will be considered for the calculation of overtime. This implies excluding preparation time outside of the 8 hours occupation time.

4.2.3 Item 2.3 Sunday and Public Holiday overtime

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.

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 the occupation time allocated will be considered for the calculation of overtime. This implies excluding preparation time outside of the 8 hours occupation time.

4.3 Item 3 Shift Allowance

4.3.1 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.

4.3.2 Item 3.2 Sunday and Public Holiday

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.

4.3.3 Item 3.3 Night shift

A night shift allowance payment will be made when an 8-hours occupation or part thereof falls between 18h00 and 06h00.

4.4 Item 4 Labour rates

This item shall also be used for any required and approved day labour. The rates are to be for labour (including hand tools), supervision and transport for additional preparation work, approved by the Project Manager. Payment of labour rates is provisional, and the Contractor should get approval from the Project Manager prior to hiring additional labour for any project.

4.5 Item 5 Plant Hire

This item is paid per day and approval by the Project Manager is required prior to the Contractor hiring any of the vehicles or machinery listed under this item.

4.6 Item 6 Moving Machine

This item will be paid for distance travelled from one depot to another in kilometres after completion of work. The distance travelled from stage area to working site during an occupation does not form part of this item.

4.7 Item 7 Excess for a Cellphone

This item is Provisional and it will only be paid if personnel acting on behalf of the Employer make use of the Contractor's cellphone for communication in relations to the occupation.

4.8 Contract Skills Development Goals for CIDB Grade 7 to 9

The contractor shall determine the contract skills development goals (CSDG), expressed in Rand, which shall not be less than the sub-total multiplied by a percentage (%) factor given in Table 2 of the Standard for the applicable class of construction works. The Employer shall state the percentage (%) factor in the Final Tender Summary section dependant on the Class of Construction Works.

Table 2: Construction skills development goals for different classes of engineering and construction works contracts.

Class of construction works as identified in terms of the cidb regulation		Construction skills development goal (%)
Designation	Description	
CE	Civil Engineering	0.25

4.9 Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts for CIDB Grade 7 to 9 (for CIDB Class of Construction Works - Civil Engineering (CE).

The Employer shall determine the amount to be paid for the Contract Participation Goal (CPG) on the contract and this amount shall be stated under the section Enterprise Development as a **Provisional Sum** in the Preliminaries and Generals (P&Gs).

The rates given in **Table 1**. are the recommended rates to guide the Employer to determine the amount for Enterprise Development per targeted enterprise. The Employer may adjust these rates which may be affected by factors such as location of the project. The Employer must include this amount as a **Provisional Sum** in the Preliminary and General (P&G) section as illustrated in **Table 1**.

Note: This item should not be a determinant in the competitiveness of the bid.

Preliminary and General (Extract Indicating Provisional Sum from P&Gs)

Item	Description	Unit	Rate	Quantity	Amount (R)
8.1.1.	Needs Analysis and Enterprise Development Plan per Targeted Enterprise	No.	5000	1	5000
8.1.2	Monitoring and Interim reporting per targeted enterprise	Per Quarter	20000	4	80000
8.1.3	Project Completion report per Targeted Enterprise	No.	5000	1	5000
Provisional Sum			90 000		

In Table 1:

Item 4.9.1 refers to the Needs Analysis the contractor shall perform on the targeted enterprise and / or JV partner to identify the developmental goals at a rate of R5000.00 (five thousand rands) per targeted enterprise.

Item 4.9.2 refers to the Monitoring and Interim reporting to be performed by the contractor as per the Standard at a rate of R20 000.00 (twenty thousand rands) per quarter.

Item 4.9.3 refers to the Completion report, the contractor shall submit the Completion report to the Employer's representative as per Standard at a rate of R5000.00 (five thousand rands) per targeted enterprise.

5 GENERAL

Payment for a cubic meter (m3) of spoiled removed shall be made per machine. This rate shall include for the full-time availability of the machine including the provision and maintenance of the machine in full operational condition and also including all maintenance and support staff and fuels.

All time and productivity records and calculations shall be recorded on every month's payment calculations to monitor time allowed for the contractor to achieve the required output.

C2.2 the price list

Drain Cleaning Machine Service

Production Range: Minimum of 8m³ per/hour

Number of Drain Cleaning Packages Required = 2

NB! The Employer reserves the right to reduce the number of work package required prior to the award of the contract where applicable.

ITEM	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
1	Cubic (m3) Removed		-		
1.1	Cubic meters (m3) removed by machine	28200	m3		
1.2	Cubic meters (m3) removed by hands	8400	m3		
1.3	Cleaning of culverts by hands	120	each		
1.4	Stand-by	50	day		
1.5	Opening of Level crossings by hand	Provisional	each		
2	Overtime		-		
2.1	TOM > 8 Hrs Week days (Monday - Friday)	660	Hour		
2.2	Weekend Saturday > 8 Hrs	138	Hour		
2.3	Weekend Sunday & PPH	147	Hour		
3	Shift Allowance		-		
3.1	Sat when 10 out of 14/ 5 out of 7	576	Hour		
3.2	Sunday & PPH	614	Hour		
3.3	Night shift	60	Hour		
4	Labour rates				
4.1	Artisan	Provisional	Hour		
4.2	Skilled labour	Provisional	Hour		

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANER MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.

4.3	Unskilled labour	Provisional	Hour		
5	Plant Hire				
5.1	Tractor - (TLB)	380	Day		
5.2	Tipper -Single Axle 3-4 m3 -7ton	360	Day		
5.3	Tipper -Single Axle 6-8 m3 -10-12ton	360	Day		
5.4	Bobcat	360	Day		
5.5	LDV	360	Day		
6	Moving Machine	900	Km		
7	Provisional sum: Excess for Cell phone	1	Monthly		
TOTAL AMOUNT (EXCLUDING VAT)					

Stipulate the number Drain Cleaning Machines being bid for..... (enter number here)

Note : The quantities shown on the table above are not guaranteed, the figures are estimates for 1 machine.

Item	Description	Unit	Rate	Quantity	Amount (R)
8	Enterprise Development				
8.1	Enterprise Development of Targeted Enterprise or JV partners				
8.1.1	Needs Analysis and Enterprise Development Plan per Targeted Enterprise	No.	5000	1	5000
8.1.2	Monitoring and Interim reporting per targeted enterprise	Per Quarter	20000	4	80000
8.1.3	Project Completion report per Targeted Enterprise	No.	5000	1	5000
Provisional Sum			90 000		

The total of the Prices
Enterprise development (ED)
Subtotal (excluding VAT) for Thirty-six months +ED
Minimum Contract Skills Development Goal (CSDG)
sum = CE (0.25%) x Subtotal of the tender amount
Total excl. VAT carried to C1.1 FORM OF OFFER

R
R 90 000,00
R
R
R

C1.2 Contract Data

Part one - Data provided by the *Employer*

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option:	
		A: Priced contract with price list
	dispute resolution Option	W1: Dispute resolution procedure
	and secondary Options	
		X1: Price adjustment for inflation
		X2: Changes in the law
		X4: Parent company guarantee
		X17: Low service damages
		X18: Limitation of liability
		X19: Task Order
		Z: Additional conditions of contract
	of the NEC3 Term Service Contract (June 2005) (and amended June 2006 and April 2013)	
10.1	The <i>Employer</i> is (name):	Transnet SOC Ltd
	Address	Registered address: Transnet Corporate Centre 138 Eloff Street Braamfontein Johannesburg 2000
	Having elected its Contractual Address for the purposes of this contract as:	Transnet Corporate Centre 138 Eloff Street Braamfontein Johannesburg 2000
	Tel No.	011 583 0153

10.1	The <i>Service Manager</i> is (name):	Ms Mapula Rakgwahla
	Address	Inyanda House, 21 Wellington Road
	Tel	(011) 544 9422
	e-mail	Mapula.Rakgwahla@transnet.net
11.2(2)	The Affected Property is	22 TRIM and RNC Projects nationwide
11.2(13)	The <i>service</i> is	Maintenance of Track with On-Track Machinery: Drain Cleaning Machine - 22 TRIM Depots and RNC
11.2(14)	The following matters will be included in the Risk Register	<p>(a) Cancellation of track occupations at short notice.</p> <p>(b) The shortage of pilots to move machines between depots.</p> <p>(c) Work on railway track near live OHTE electrical equipment holds a danger of electrocution for workers.</p> <p>(d) Working on a railway line adjacent to lines on which rail traffic continue to run holds the risk of injury or death to workers.</p> <p>(e) Dry vegetation at or near most worksites is a fire hazard.</p>
11.2(15)	The Service Information is in	The Scope of Services
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa subject to the jurisdiction of the Courts of South Africa.
13.1	The <i>language of this contract</i> is	English
13.3	The <i>period for reply</i> is	2 weeks
2	The <i>Contractor's</i> main responsibilities	No additional data is required for this section of the <i>conditions of contract</i>.
21.1	The <i>Contractor</i> submits a first plan for acceptance within	2 weeks of the Contract Date
3	Time	
30.1	The <i>starting date</i> is.	1 week after Contract Date
30.1	The <i>service period</i> is	36 months
4	Testing and defects	No additional data is required for this section of the <i>conditions of contract</i>.
5	Payment	

50.1	The <i>assessment interval</i> is	25th (twenty fifth) day of each successive month.
51.1	The <i>currency of this contract</i> is the	South African Rand.
51.2	The period within which payments are made is	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.
51.4	The <i>interest rate</i> is	The prime lending rate of the Standard Bank South Africa.
6	Compensation events	
	These are additional compensation events:	<ol style="list-style-type: none"> 1. A weather measurement is determined by a suitable weather station most conveniently located in the Affected area 2. The <i>weather data</i> is the weather data issued with the Task Order or within [5 days] 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
7	Use of Equipment Plant and Materials	No additional data is required for this section of the <i>conditions of contract</i>.
8	Risks and insurance	
80.1	These are additional <i>Employer's</i> risks	None
83.1	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>Contractor</i>) caused by activity in connection with this contract for any one event is:	Whatever <i>Contractor</i> deems necessary as the <i>Employer</i> is not carrying this indemnity.
83.1	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:	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.

83.1	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 R 10 000 000	
83.1	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:	The total of the prices.
83.1	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:	The total of the prices.
83.1	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:	The total of the prices.
9	Termination	There is no Contract Data required for this section of the conditions of contract.
10	Data for main Option clause	
A	Priced contract with price list	
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	4 weeks.
11	Data for Option W1	
W1.1	The <i>Adjudicator</i> is (Name)	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>.
W1.2(3)	The <i>Adjudicator</i> nominating body is: If no <i>Adjudicator</i> nominating body is entered, it is	The Association of Arbitrators (Southern Africa)
W1.4(2)	The <i>tribunal</i> is:	Arbitration

W1.4(5)	<p>The <i>arbitration procedure</i> is</p> <p>The place where arbitration is to be held is</p> <p>The person or organisation who will choose an arbitrator</p> <ul style="list-style-type: none"> - if the Parties cannot agree a choice or - if the arbitration procedure does not state who selects an arbitrator, is 	<p>The Rules for the Conduct of Arbitrations of the Association of Arbitrators (Southern Africa)</p> <p>Johannesburg, South Africa</p> <p>The Chairman of the Association of Arbitrators (Southern Africa)</p>
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12 Data for secondary Option clauses

X1 Price adjustment for inflation

X1.1 The base date for indices is

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.
0.40	Plant (Equipment)	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.
0.13	Material (Civil)	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.

	0.12	Fuel	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.
	1.00		
	0.15	Non-adjustable	
X2	Changes in the law	No additional data is required for this Option	
X4	Parent company guarantee	No additional data is required for this Option	
X17	Low service damages		
X17.1	The <i>service level table</i> is in	Item 7 of the service information	
	Performance level	% Achieved of performance against Tw for each Task Order	Low service damages for each task order
Rate of production of machine (as per <i>Employer’s</i> Service Information		99-100% performance achieved	R0 (nil)
		95 - 98% performance achieved	-2,5% of the Price for Services Planned in terms of the Task Order (Item 1.1 of Price List)
		90 – 94% performance achieved	-5% of the Price for Services Planned to Date in terms of the Task Order (Item 1.1 of Price List)
		88-89% performance achieved	-7,5% of the Price for Services Planned to Date in terms of the Task Order (Item 1.1 of Price List)
		86-87% performance achieved	-10% of the Price for Services Planned he Task Order (Item 1.1 of Price List)
		84-85% performance achieved	-12,5% of the Price for Services Planned to Date in terms of the Task Order (Item 1.1 of Price List)
		<84% performance achieved	-15% of the Price for Services Planned to Date 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	In respect of each Task Order, the total of the Prices for the Task Order other than for the additional excluded matters. <ul style="list-style-type: none"> • The <i>Contractor's</i> total liability for the additional excluded matters is not limited. • The additional excluded matters are amounts for which the <i>Contractor</i> is liable under this contract for • Defects due to his design, plan and specification, • Defects due to manufacture and fabrication outside the Affected Property, • loss of or damage to property (other than the <i>Employer's</i> property, Plant and Materials), • death of or injury to a person and • infringement of an intellectual property right.
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).
X19	Task Order	
X19.3	Amount of delay damages for every day that elapses between the Task Order Completion Date and the Task Order Completion is	2.5% of the total of the Prices of the Task Order as at the date of issue thereof subject to a maximum of 15% of the total of the Prices at such date
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.

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"> • commenced business rescue proceedings (R22) • repudiated this Contract (R23)
Z1.2	<p>Termination Table</p> <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"> 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. 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. 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.
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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
Z5	Standard for Developing Skills through Infrastructure Contracts – (CIDB Grade 7 to 9)
Z5.1	The Contractor shall, in the performance of the contract, achieve the Contract Skills Development Goal (CSDG) established in the Standard.
Z6	Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts – CIDB Grade 7 to 9 for the Class of Construction Works General Building (GB) and Civil Engineering (CE)
Z6.1	The Contractor shall, in the performance of the contract, achieve the Contract Participation Goals (CPG) relating to the engagement of targeted enterprises as established in the Standard

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(14)	The following matters will be included in the Risk Register
11.2(15)	The Service Information for the <i>Contractor's</i> plan is in:
21.1	The plan identified in the Contract Data is contained in:
24.1	The <i>Contractor's</i> key persons are:	
	1 Name:	
	Job:	
	Responsibilities:	
	Qualifications:	
	Experience:	
	2 Name:	
	Job	
	Responsibilities:	
	Qualifications:	
	Experience:	
	CV's (and further key persons data including CVs) are appended to Tender Schedule entitled .	
A	Priced contract with price list	

11.2(12)	The <i>price list</i> is in	
11.2(19)	The tendered total of the Prices is	(in figures) (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.

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.

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.
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)

PART 4: AFFECTED PROPERTY

Core clause 11.2(16) states

“Affected Property 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 Affected Property Information.

1. Description of the Affected Property and its surroundings

1.1. General description

The contract area will be all track owned, or maintained, by Transnet Countrywide. 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 Affected Property

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 will also provide maps and locations as and when required.

PART C 3.1

SERVICE INFORMATION:

Service Information by the *Employer*

Maintenance of railway track with on-track Drain Cleaning Machine:

CONTENTS

- 1. Definition**
- 2. Description of the service**
- 3. Management and start up.**
- 4. Training**
- 5. Construction**
- 6. Standards of workmanship and Accuracy**
- 7. Evaluation of Machine Performance**
- 8. Plant and Materials standards and workmanships.**
- 9. Testing, Completion, Commissioning and Correction of Defects**

1. DEFINITION

The following definitions shall apply in addition to those of the specification attached.

1.1 Actual Preparation Time (Tp)

Means the period between the actual commencement of the track occupation and the actual commencement of the work by the machinery, plus the period of time between the actual end of the work by the machinery and the actual time when the machinery is secured at its staging point, clear of the occupied track. Preparation time excludes all periods of delay by *Employer*.

1.2 Annual Holidays

Means the annual holiday with duration of 15 consecutive working days plus statutory public holidays, Saturdays and Sundays that may fall within in this period, when no Work will be performed by the *Contractor*.

1.3 Availability(A)

Means when required to do work, a machine is able to produce work to the standards specified.

1.4 Breakdown Time (Tb)

Means all periods during which the machinery is non-available.

1.5 Day

Shall mean a calendar day where a specific number of days is allowed in the Contract for the performance of any act or is stipulated for the extinction of any right or the duration of any event or circumstance the days between the commencement and last day of the Annual Holidays (both days included) and the day from which the period is stated or agreed to commence, shall be excluded from the calculation of the number of days concerned.

1.6 Double Shift Working

Means the working of two consecutive shifts of 8 hours, which may each be non-continuous and scheduled at any times during a 24-hours day.

1.7 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*. Transnet provides the right of passage and the pilot required for the machine to the *Contractor*, without cost and at times whereby such a passage and pilot can be made available by Transnet. 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 *Contractor's* depot if required o 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 in the *Contractor's* time.

1.8 Joint Assemblies

Means all types of joints, including flash-butt and thermite welded, fishplate and block-joints.

1.9 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.

1.10 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.

1.11 Monthly working Time (Twm)

Means the targeted average monthly working time.

1.12 Moving Time (Tm)

Means 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.

1.13 Night Shift Allowance

Means an allowance paid for any time worked between 18h00 and 06h00 (Night shift allowance is additional to either overtime or normal shift time, if applicable)

1.14 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 *Employer*.

1.15 Normal Working Day

Means a total shift of 8 hours, which may be non-continuous, out of every 24 hours for 5 consecutive days out of every 7-day period, or for 10 consecutive days out of every 14-day period. The Supervisor Deputy will determine the daily starting time, which may vary to suit seasonal changes or train timetables.

The *Service Manager* shall decide when 10/14-day work shifts will be worked. When a machine works a 10/14-day shift, *Employer* will consider such working shifts and the additional Saturday and Sunday shift payments will then apply.

1.16 Normal Shift Working (not exceeding Normal Working Hours)

Shifts (8.0 hours) worked on Saturdays up to Normal Working Hours

Shifts (8.0 hours) worked on Sundays up to Normal Working Hours

Shifts (8.0 hours) worked on Public Paid Holidays up to Normal Working Hours

1.17 Occupation

Means a formal closure of the line to normal traffic on which work is to be performed for a specified period, arranged in accordance with Infrastructure Occupation Management System (IOMS) and implemented in accordance with the Protection Manual.

1.18 Occupation Between Trains (OBT)

Means when required to be available the machine will work a portion of track without the adjustment of trains services

1.19 Occupation day (To-day)

Means any day that the machinery will be required to be available.

1.20 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.

1.21 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*.

1.22 Restricted Track

Means that portion of plain track where locking bars, guard rails and check rails are not removed prior to working or where sleepers are skewed by more than 75mm (measured at the rail's centre line) or where Dowty retarders and boosters are fitted which prevent the machine from producing work at the scheduled rates as defined in the Special Conditions and Specifications.

1.23 Split Occupation

Means an occupation on any 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.

1.24 Standing Time (Ts)

Means the loss of *Working Time* incurred by the *Contractor* due to reasons attributed to the *Employer*.

1.24.1 Standing Time Allowance: means the time that the Employer allows for the unforeseen disruption in the Working Time. The Employer's Standing Time Allowance will be one (1) hour of the required Working Time per shift. *Contractors* are to factor this Standing Time Allowance in determining the pricing offer.

1.25 Supervisor's Deputy

Means the person appointed by *Employer* under the control of the Technical Officer from time to time to take occupations for the machines for the contract, pilot machines to and from site and to supervise the execution of the workload and ensure safe and quality work being done by the *Contractor* and the machine.

1.26 Time Worked in (Twi)

Means any day a machine is agreed to be available and *works* outside of and in lieu of a normal working day. Such Twi as well as production statistics and all relevant times must be reflected against the day for which the time was worked in.

1.27 Top

Means a change of gradient of one or both rails.

1.28 Track

Means and includes plain track, restricted track, sets, splice joints and all joint assemblies.

1.29 Travelling time (Tt)

Means the time for the machinery to travel between work site and staging point.

1.30 Twist

Means the algebraic difference between adjacent cant measurements.

1.31 Versine

Means the offset measurement at midpoint of a 10m chord taken at any location on curved track. Measurements will be taken 15mm below the top of the rail, against the gauge side of the rail used by the machine as a datum for aligning.

1.32 *Works*

Means the *works* to be carried out in terms of the Contract.

1.33 Working time (Tw)

Means the periods during which the machinery is actually engaged on the operation or function for which it is provided.

1.34 **E7/1** - Specification For General Work And Works On, Over, Under Or Adjacent To Railway Lines and Near High Voltage Equipment

1.35 **OEM** refers to the Original Equipment Manufacturer of the machinery.

1.36 **MTM** Maintenance Track Manual 2012 version.

2. DESCRIPTION OF THE SERVICE

- 2.1 This contract includes the maintenance of railway track by the *Contractor* with on-track drain cleaning machine/s capable of the mechanised cleaning of cuttings under live OHTE (Electric Overhead Track Equipment) and working between trains, as well as manual cleaning of drains (cleaning drains by hand) and open of culverts by hands.

Standard for Developing skills through Infrastructure Contracts CIDB Grade 7 – 9

- The Contractor shall determine the CSDG, expressed in Rand, which shall not be less than the sub-total multiplied by a percentage (%) factor of 0,25 for Civil Engineering. The percentage (%) factor is stated in the Final Tender Summary section of C2.2 Pricing List.

Standard for Indirect Targeting for Enterprise Development through Construction works contracts CIDB Grade 7 – 9 CIDB Classes of Construction works Civil Engineering:

The objective of the project is to provide for a minimum contract participation goal (CPG) of 5% of the total project value and to develop targeted enterprises by the main or lead partner Contractors.

The successful contractor shall:

- Subcontract a minimum of 5% of the total project total value to targeted enterprises.
- Develop the targeted enterprise/s in two development areas as specified in the Standard, and agreed by both the Main Contractor and the targeted enterprise/s.
- Perform needs analysis on the targeted enterprise/s to identify development goals.
- Provide internal mentorship support to improve the targeted enterprise/s performance.
- Develop a project specific enterprise development plan to improve the targeted enterprise/s performance in the identified development areas.
- Monitor and report the progress of the agreed development areas with the targeted enterprise/s.
- Submit a project completion report to the *Employers Representative* for each targeted enterprise.

- 2.2 This drain/culvert cleaner contract shall include the supply, the operation, maintenance and supply of all consumables and the support services and equipment necessary for the execution of the work to full meaning and intent of the contract.

- 2.3 The Affected Property and areas where the services will be executed shall be all railway lines owned and or maintained by the *Employer* covering all depots under Transnet.

- 2.4 The following type of Drain Cleaner and machine capacity is required:

Workload category	Machine and/or Type of Machine output required	Planned depot or area where machine is required to work	Estimated effective work time per month (Tw)	Spoil in cubic meters (m3) to be cleaned/removed per year	Required standard rate of material removal (m3/hr) from drain/cutting

Cleaning of drains	All types of Drain Cleaner machines capable of removing spoil on a minimum of 8m3 per hour.	Nationwide	<i>To be advised by the Bidder in its proposal</i>	<i>To be advised by the Bidder in its proposal</i>	<i>To be advised by the Bidder in its proposal</i>
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2.5 Drain cleaner contract is required for the following:

- a) clearing of all soil, silt and vegetative growth from earth drains
- b) profiling and trimming of the side slopes of cuttings and drains
- c) Open line production drain cleaner
- d) Loading and removing redundant materials from track
- e) Spoiling and levelling (spoil cleared material clear off track on shoulders of banks outside cuttings)
- f) cleaning of drains by hand
- g) cleaning and opening of culverts by hand
- h) Transport personnel, material and equipment to and from the work site.
- i) Work safely under live OHTE (Electric Overhead Track Equipment)
- j) Cutting vegetation on the drains to enable the machine to clean the drains effectively

2.6 The *Service Manager*, however, reserves the right to deploy the machine wherever it is needed within the lines owned and operated by Transnet Rail Infrastructure Manager (TRIM).

2.7 The *Employer* shall compile the schedule of work for each Machine as per the workload issued by each Task Order.

- a) The deployment of the capacity of the drain Cleaner and the priority of work site shall be determined by the *Employer*.

2.8 The rate of drain cleaning for all offers will be considered in the award of contracts. Track possession time and total time required to execute the workload shall therefore be considered for the contract award and be monitored and managed throughout the duration of contracts.

2.9 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*.

2.10 Drain Cleaning will include a variation of the removal of low volume of material per meter of drains as well as a high volume.

- 2.11 The contract period shall be for one (1) month).
- 2.12 The work shifts may either be 5 days out of 7 or where work and staff requirements justify, 10 workdays out of 14. The annual break shall be for a period of at least 15 workdays and shall normally be arranged for over the annual Builders break in December.
- 2.13 The Contractor may be required to be available during Annual Holidays for emergency work.

3. MANAGEMENT AND START UP

3.1. Management meetings

- 3.1.1. 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 meeting. Project progress and programme (revision) must be discussed in these meeting. This meeting shall be for the purpose of discussing machinery moves, actual progress versus construction programme, delays, service information, etc.
- 3.1.2. 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.
- 3.1.3. 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 10th of every month, payment submission and assessment must be done according to NEC3 Terms Service Contract (TSC3).
- 3.1.4. Site meetings: The *Contractor* shall attend meetings as scheduled by the *Service Manager*; such meetings shall be for the purpose of discussing daily challenges experienced with the machine and operational issues.
- 3.1.5. The *Service Manager* may call ad-hoc meetings any time during the contract period.
- 3.1.6. Technical and Safety audit of the machinery and Equipment must be done twice a year, and the report must be sent to the *Service Manager*.
- 3.1.7. Machine brake test must be done every month, and the written or electronic report must be sent to the *Service Manager* monthly.

3.2. Documentation

- 3.2.1. A complete maintenance manual and spare parts list must be available on the machine.

3.2.2. The *Contractor* shall supply the *Service Manager* with maintenance plans and submit monthly maintenance reports.

3.2.3. A complete operator's instruction manual must be available on the machine.

3.2.4. A complete machine safety and risk file must be available on the machine.

3.2.5. A visitor registration book must be available on the machine.

3.2.6. A Site diary must be available on the machine.

3.3. To be provided by the *Contractor*

3.3.1. Planning of work and emergency standby.

3.3.2. The *Contractor* shall in addition to what is stipulated in this Service Information, provide the following facilities and support for the;

3.3.2.1. 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.

The *Contractor's* lighting will not be required on the workplaces where the *Employer's* labour is employed. The *Contractor* may also utilise the existing lighting power supplies (where available) to assist him in lighting the workplace.

3.3.2.2. Flagmen

The *Contractor* shall provide two flagmen to ensure protection of the site at all times for occupations. The flagmen shall be included in the rates tendered for the machine. In the event that additional flagmen are required for a separate worksite if required for a stabilizer working independently, the *Contractor* shall also provide these additional flagmen. These additional flagmen will then be paid for under day rates.

3.3.2.3. Support labour and tools:

The *Contractor* or his sub-contractor shall provide all equipment, tools and support required to support the drain cleaning activity, including the control measurements to control quality.

3.3.2.4. Accommodation and other use of *Employer's* wagons.

No such wagons are foreseen to be part of a Drain Cleaning contract.

3.4. Quality measurements.

- 3.4.1. Geometry measurements done by the *Contractor* ahead of and after Drain Cleaning shall be in accordance with Maintenance Track Manual 2012 Edition, shall be handed in hard copy and / or electronically to the *Employer's* representative on the same day that the work has been performed. Labour for these measurements must be included as part of the compulsory support of the machine and not extra labour.
- 3.4.2. Measurements shall be done manually and/or electronically.
- 3.4.3. The standards for structural gauge shall be adhered to (E7/1 specification). The *Contractor* shall verify the structural gauge parameters himself and adhere to the specified standards.

4. TRAINING

- 4.1. Training of *Contractor's* staff and compliance with safety requirements.
- 4.2. 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 quality requirements. This applies for both the *Contractors* own staff or any staff of a *Subcontractor* employed by the *Contractor*.
- 4.3. This responsibility of the *Contractor's* to ensure that his staff is qualified and trained implies that:
 - a) Specific graded staff shall be qualified and sufficiently experienced and in possession of a qualified certificate for the required position or responsibility.
 - b) All staff shall also possess any other relevant induction or safety qualifications.
 - c) The *Contractor* shall ensure that a complete up to date record is kept of safety qualifications or training and certification of all staff for all the relevant qualifications and safety requirements.
 - d) The record of the qualifications and or training kept by the *Contractor* shall also be available on site.
 - e) 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.
- 4.4. At the commencement of the contract, the *Employer* 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 1, inserted below.

- 4.5. 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 *Service Managers*, Drivers, Crane and Earthmoving operators, Rail disc cutter operators are in place, valid and that record is kept of such qualifications. This implies that the *Contractor* shall ensure that proof of qualifications are kept and provided on request.
- 4.6. Where training is required by the *Contractor* for other than normal track work functions and the *Employer* 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 at an *Employer's* facility;
 - Arrangements for the training and/or testing must be made with the *Service Manager*.
- 4.7. 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 experience of safe and productive working.
- 4.8. Where the *Contractor* will be required to provide an accredited trainer, paid for by the *Employer* under the "Day Labour" rate, or where the *Contractor* arranges his own staff training or refresher training, the *Employer* 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 *Service Manager*.
- 4.9. 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 the *Employer*. Where the *Employer* 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.
- Training to be provided by *Employer* or by hired accredited trainers:
 - a) The intention is that the *Employer* shall provide, where required, the training for the qualifications or certification as listed below at the start of this contract. Where the *Employer* 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 or follow up or refresher training for new recruits or replacement staff, shall be undertaken by the *Contractor* as part of the contract responsibility and at the cost of the *Contractor*.
 - 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 the *Employer* will be provided by the *Employer*.
- The trainer will need to be sufficiently qualified and then be tested by the *Employer* and be accredited by the *Employer* to conduct the training and testing and certification of candidates trained. Such a testing of a trainer shall be done by the *Employer* 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, on appointment with the depot, be used free of charge by such a trainer to conduct training for the contract.
- For any training, the transport, accommodation and meals of any candidates being trained, shall be for the account of the *Contractor*. This shall also apply at the start of the contract.

Training: Table 1: Training on the *Employer's* contracts: List of types of 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</i> Manager or <i>Service</i> 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> electrical officer or depot's 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.

4.10. Track maintenance (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*

4.11. Training of Track Inspectors, Track Masters and or Trade hands (Perway):

- a) This training shall be solely the responsibility of the *Contractor*. Only qualified people, qualified for the type of work required for the support required for the contract, shall be used by the *Contractor* for these positions. The *Contractor* shall ensure that staff used, do comply with requirements for the industry for the type of work required for the contract.
- b) The *Contractor's* Track Master/Track Inspector shall take full charge of the *Contractor's* resources on the work site. Such a *Contractor's* Track Master or Track Inspector shall be responsible to ensure performing Track work safely and to the standard of the industry for the relevant type of work and line traffic conditions. An employee / agent appointed by the *Contractor*, will not act as, or be allowed to take on any responsibility as, the person-in-charge-of-the-occupation. The function of person-in-charge-of-the-occupation is restricted to any current standard *Employer* policy in place at the time of the work being performed. At present this is restricted to a competent *Employer* Track Masters and or Track Inspectors used for On Track contract work.
- c) The person-in-charge-of-the-occupation for an On Track machine shall be a competent *Employer's* employee, reporting to the *Employer's* Depot Engineer. This person 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, warning boards and detonators

4.12. Training of Flagmen:

- a) For this contract, certified flagmen are required to be provided by the *Contractor*.
- b) Any flagmen provided will be subject to control testing by the Track Inspector of the section to ensure compliance of protection duties relevant for the section of track to be worked as well as the activity required to be performed, e.g. protection of drain cleaning work. The testing of flagmen proficiency by the *Employer's* Track Inspectors is only a safety and quality control and does not exonerate the *Contractor* of the responsibility to ensure the proficiency of the any flagmen used.

- c) The appropriate training for the flagmen can be provided once off for the contract by the *Employer*. Any extra training of Flagmen as well as any refresher training required shall be paid for or be provided by the *Contractor*.
- d) Where the *Employer* 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 as well as any physical requirements required for this work such as good sight and hearing ability.
- e) Flagmen must be officially trained, evaluated and certified competent, (*Employer* 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 two (2) years only after, which re-testing and re-certification of competency will be required.
- f) In cases where a person was not performing flagmen duties for a period of 6 months or longer, he must be re-tested and be re-certified competent, before he may be re-used for protection duties.
- g) The *Employer's* Depot Engineer remains ultimately responsible in terms of the requirements of Occupational Health and Safety Act 85 of 1993, as amended, for the safe working environment of his own personnel as well as *Contractor's* personnel within the track maintenance environment on his depot.

The Depot Engineer 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 carry out the changed requirements.

4.13. Training of bonders.

- a) 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 them.
- b) The initial training of bonders for this contract can be arranged for with the *Employer's* accredited electrical trainer, through the *Service Manager* as specified above in this clause.
- c) 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.
- d) Follow up training of bonders shall be responsibility of the *Contractor*.

Electrical awareness, educational and competency training:

a) The following training shall be arranged for the following *Contractors* staff:

Course	Objective	Duration & trainer	Grade to attend
A) Awareness (Electrical)	To inform all <i>Contractors</i> staff working near a machine and on the line on electrified sections of the dangerous situations of high voltage OHTE	Two-hour on-the-job lecture and training. Accredited Electrical trainer / Depot's Electrical Service Manager.	<ul style="list-style-type: none"> All workers and staff working on the contract
B) PWC Educational (Electrical)	For the safe working on and with On-track machinery in the vicinity or near exposed High voltage OHTE.	Lecture room training = 1,25 d On-the-job training = 0,25 d Criterion test = 0,5 d Total = 2 days Accredited Electrical trainer	<ul style="list-style-type: none"> Workers working on a machine (High risk area's) Operators Machine fitters Area Service Managers Contract Service Managers
C) COM Competency (Electrical) (to follow A) (PWC)	Work permits safe working procedures under the direct supervision of a responsible representative.	Lecture room training = 0,25 d On-the-job training = 0,25 d Criterion test = 0,50 d Total = 1 day Accredited Electrical trainer	Service Manager (Responsible person in charge at machine working)

b) The electrical awareness training must be arranged for beforehand.

c) The electrical educational and competency training may be arranged for at either a depot's lecture room's (the *Employer's* property), or at a venue of the *Contractors* choice (*Contractors* cost).

d) The Accredited Electrical trainer required at the start of the contract, will be provided by the *Employer* at the *Employer's* cost, provided that an arrangement for the training session required is done beforehand and will fit in with the trainers training program for the year. This shall not include transport, accommodation and meals for candidates to be trained.

5. CONSTRUCTION

5.1 Planning of Normal Working

5.1.1 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 programme and the necessary inspections required.
- Material requirements e.g. turnout Groups, fastenings or ballast.
- Occupations.
- Movement between *working sites*

- 5.1.2 The weekly progress and revisions to the monthly programme 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).
- 5.2 Emergency Work Standby during December break.
- 5.2.1 The *Service Manager* shall notify the *Contractor*, one (1) month prior to *Contractor's* Annual Holidays, of the requirement of standby staff for emergency work during *Contractors* Annual Holidays.
- 5.2.2 When required, the *Contractor* shall supply standby staff (fitter, operator and plant assistant) for emergency work.
- 5.2.3 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)
- 5.2.4 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.
- 5.2.5 The *Contractor* shall make the necessary arrangements for accommodation of standby staff and all costs shall be included in the rates tendered.
- 5.3 The mutually agreed time the machine shall be available at its staging point shall be the start of the occupation time (To) for that task order, therefore arriving late shall be deemed as breakdown time (Tb).
- 5.4 During the work activity the productivity, availability and utilization of the machine shall be recorded.
- 5.4.1 Time shall continuously be recorded for all worked 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 and train numbers

Tt = Travel time from staging site to work site and back to staging site or to clear for a train crossing.

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 08:00am in the morning of the next day after each shift, and must be in excel format as per Annexure A1.

T_w = Working time (As specified below)

Where:

(Totals for the month)

$$T_w = T_{wl} + T_{wt} + T_{ws}$$

T_{wl} = Time spent on Drain Cleaner; cleaning and loading.

T_{wt} = Time spent on Drain Cleaner; travelling to spoil.

T_{ws} = Time spent on Drain Cleaner; spoiling and levelling off

T_{ww} = Time spent on Drain Cleaner; wet conditions

A productivity factor, **P** shall be calculated every month to continuously monitor whether the machine consistently produces at the rates of production tendered.

The contractor shall provide production rates for wet condition separately.

Monitoring of machine availability will be calculated as: Availability (A) = $\frac{T_o - T_b}{T_o}$

Monitoring of machine utilization will be calculated as: Utilization (U) = $\frac{T_w}{T_o}$

Monitoring of machine productivity will be calculated as: Productivity (P) = $\frac{AR}{TR}$

AR = Actual Rate (Cubic meters/hour)

TR = Tendered Rate (Cubic meters/hour)

- 5.5 The tendered nominal production rate in cubic per hour must be maintained over a calendar month.
- 5.6 The tendered nominal production rate (R) in cubic meters/hour must be maintained over a calendar month.
- 5.7 The Drain Cleaner rate shall be maintained at R contracted. The nominal Drain Cleaner rate will be taken in consideration during adjudication of the tenders.
- 5.8 Breakdown time (T_b)
- 5.9 All T_b shall be recorded at all times.
- 5.10 Where a 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. The machine will always be required to produce the required standard of work required at full production rate.

- 5.11 Provision of electronic production report to the *Employer*.
- 5.12 The *Contractor* shall provide the *Employer* with the daily production statistics of the work.
- 5.13 The production report shall be in an agreed format providing the following basic type of information:
 - a) To, Tw, Tt, Ts, Tb, etc. of each machine applicable.
 - b) Length of work or number of sets completed for the day.
 - c) Start & final km of drains cleaned 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 when agreed on.
- 5.14 The report shall be e-mailed daily to the *Service Manager*, *Supervisor* and nominated *Employer's* representative.
- 5.15 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.
- 5.16 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.
- 5.17 Preparation work for Drain Cleaner operation and protection duties.

5.18 Level crossings:

- a). The *Contractor* shall open up level crossings in front of the machine and restore it after Drain Cleaner. (This may include bitumen paved level crossings.)
- b). Repair of level crossings may include replacement of damaged sleepers and fastenings.
- c). Where required, the *Employer* will arrange, beforehand, with the road authority, for permission for the opening up of paved level crossings and for the final repair of the damaged paved part thereof.
- d). The *Contractor* will be required to repair paved level crossings by an approved method, using an approved type of bagged pre-mix bitumen. The method and material will be subject to the approval of the *Service Manager*. The repair shall provide sufficient compaction of the damaged area and allow for an evenly adjusted alignment of the road surface to ensure safe passage of road traffic. Where required, the final alignment and repair of the road surface may be arranged by the *Employer* to be done by the road authority.
- e). Material required for the level crossing repair will either be provided by the *Employer* or may be provided by the *Contractor*. Where material is to be provided by the *Contractor*, such as bagged bitumen pre-mix, payment for such material shall be made by the *Employer*.
- f). An inspection before work and thereafter shall be done of the level crossing including the cattle guards. A list of material needed shall be handed to the *Service Manager*. Each level crossing including the cattle guards shall be signed off by the *Service Manager* within 48 hours after been opened if it has been restored correctly.
- g). The *Contractor* shall take appropriate control measures for the period when a level crossing is opened and provide sufficient traffic warning signage.

5.19 The *Contractor* shall measure and evaluate drains and cuttings to be cleaned to help him restore the drains to the initial design standard or to a new design decided upon by the *Service Manager*. Water shall be able to flow away from the track according to latest or existing designs.

5.20 The *Contractor* is responsible for the preparation work with regard to stability and geometry on all drainage.

5.21 The *Contractor* shall also inform the *Service Manager* one month in advance when the required standards cannot be met because of fouled ballast or rotten or bent sleepers as part of preparation. The clamp-locks on the sets have to be removed, restored and adjusted by the *Employer*.

5.22 The *Contractor* shall also be responsible for the preparation work with regard to the stability of drains cleaned. Material replacements to be done by the *Contractor* shall be limited to that what is required to ensure a proper Drain Cleaner job. The *Service Manager* shall inform the *Contractor* one month prior of what work shall be required and what material will be provided. This work may include the repair of off-track platforms, culverts and the boxing in of ballast, all within the capacity of the labour listed.

- 5.23 The Labour, supervision and vehicle, normally required to do the work as required must be listed in the "Schedule of labour and plant for preparation for Drain Cleaner." The labour shall be provided with the necessary hand tools such as measuring equipment, 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.
- 5.24 Where the volume of work required exceeds that which can reasonably be done by the labour listed in the schedules. 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.
- 5.25 Additional work required by the *Service Manager*, may also be done by the labour specified in 5.24 as overtime, separate from the machine occupation time or overtime and will be paid under item 5 of the pricing list.
- 5.26 Reasonable work volume for the labour will be agreed on between the *Contractor* and the *Service Manager*. (Man hours for each separate labour task).
- 5.27 Flagmen
- 5.27.1 The *Contractor*, for each shift for protection duties shall provide two flagmen. Provision of the flagmen shall include the provision of two two-way radios as well for all housing and transport of the flagmen. The cost of the flagmen shall be included in the rates tendered.
- 5.28 Traction and signal bonds
- 5.28.1 The *Contractor* shall repair all bonds / cables removed or damaged or broken off during Drain Cleaner or operations during the period of the occupation.
- 5.28.2 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.)
- 5.28.3 The *Contractor* shall provide labour and equipment (inclusive of expanded collar fastening consumables and lugs) required to remove, repair new bonds where required and replace signals and electrical bonds.
- 5.28.4 Where cables are required to be cut, the cut cable shall be cut to the correct lengths and be the crimping of lugs onto cables be done by the *Contractor*. No splices will be allowed in bonding cables.
- 5.28.5 This shall include track feeder bonds (painted red), which may only be worked upon under supervision of a Competent Electrical Officer. The *Employer* shall only provide the cable for bonding. All bonding shall be completed during the period of the occupation.

- 5.28.6 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.
- 5.28.7 Signalling bonds may not be removed without the consent of the *Service Manager* or the authorised the *Employer's* signalling representative. Where signalling bonds are damaged or removed, the *Contractor* shall provide the support labour to reinstate the bonds. The *Employer* will however be responsible to ensure the correct method of re-connection to ensure the correct functioning of the signalling system.
- 5.29 The Drain Cleaning machine and its consist shall be suitable for use under the following conditions:
- Track gauge: 1 065mm.
 - Single lines or multiple lines with a minimum distance between track centre lines of 3,8m.
 - Work on open track lines, lines in tunnels and along platform lines.
 - Move over track with maximum 1 in 30 gradient.
 - Meet or exceed the minimum specified production rates while working self-propelled on maximum uphill track gradient of up to 1 in 30.
 - Travel around curves of down to 90m radius for Low Production machines, and 170m radius for High Production Machines.
 - Work on curves of a minimum radius of 135m or sharper.
 - Work site altitude range: 0 to 2 000m above sea level.
 - Rail temperature range: -10°C to + 60°C.
 - Minimum structure gauges: Annexures 1 and 2 of Manual for Track Maintenance according to the latest edition.
 - Mass of rail: 60kg/m, 54kg/m ,57kg/m, 48kg/m,45kg/m or 40kg/m ,30kg/m
 - Risk study to be provided for the machine working in rainy conditions.
 - Types of sleepers in track: steel, wood or monolithic concrete sleepers.

6. STANDARDS OF WORKMANSHIP AND ACCURACY

- 6.1. The A-standard given in Appendix C hereof shall apply at all measuring stations except if, prior to Drain Cleaner:
- 6.1.1. The machine shall be capable of cleaning drains on both sides of the track and be able to extend cleaning of drains to a minimum of 3m from the centre line of the track. Disposal of spoil must also be possible on both sides of the track without having to turn the machine around.
- 6.1.2. The machine must be able to travel in both directions at a sustainable section speed. The *Contractor* must specify the traveling speed of the machine from zero gradients up to 1:30 gradient at intervals of 5m. The machine with the Drain Cleaner unit attached should also be able to travel at the same speed as above. If fully loaded with spoil, the speed should not differ by more than 20% of the above requirement
- 6.1.3. In addition to the personnel, the machine will be required to have the capacity to simultaneously load and haul material and some equipment. The following may be required:

- 5 Tons of material, with dimensions of the biggest component being 6m long and 750mm wide.
- Optional equipment: Hand tools, such as two track jacks and ballast Spades, forks and crowbars (Number to suit number of labour used) (Beaters only provisional).
- Provisional Hand equipment: (Only if pre-arranged to provide): Two Ponjar or hydraulic driven from machine. (To be conveyed in the upright position)

6.1.4. The standard hand tools required for the cleaning of cuttings and the off-loading of the spoil shall be carried all the times with the machine.

7. EVALUATION OF MACHINE PERFORMANCE

- 7.1. The Contractor shall work to the track dimensions required by the Supervisor. These dimensions shall either be marked with chalk marks on the sleepers by a measurement gang of the Contractor or by means of the approved measurement system.
- 7.2. The performance of the machine will be acceptable if the workmanship complies with the Maintenance track Manual Edition 2012.
- 7.3. In an even that the Contractor cannot achieve the specified performance standard, he should record all relevant information before and after working in conjunction with the Supervisor. The Supervisor may, if he concurs with the Contractor's contentions, adapt the specified standard of workmanship and conformance to suit the track and or site conditions.
- 7.4. The *Supervisor* will decide (before completion of occupation) if re-cleaning shall be done in case of non-conformance to standards set out in this document. In all instances where re-cleaning is required, the working time will be recorded as part of the total work time allocated to the *Contractor* to execute the workload.
- 7.5. The tachograph or event recorder will be marked and/or set and certified by the *Service Manager*' to indicate:
- 7.5.1. Sections that are wet condition (Tww),
 - 7.5.2. Where re-cleaning was done (Tbr),
 - 7.5.3. Other Drain Cleaner functions.
- 7.6. The *Service Manager*' will do a daily check of the machine's performance in accordance with this clause 5.4.1.
- 7.7. Should any measurement deviate from the accepted standard, the machine will be non-available until the fault is corrected.

8. PLANT AND MATERIALS STANDARDS AND WORKMANSHIP

Drain Cleaner functions:

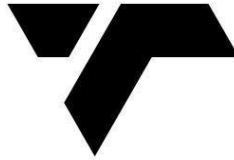
- 8.1 Hoisting equipment.
- 8.2 No separate hoisting equipment will be required provided that the lifting capacity of the hoist is provided for in the drain cleaning unit. Lifting capacity will be required to remove items such as rocks, sleepers or short loose rails.
- 8.3 Bidders shall qualify their tenders stating what lifting capacity will be provided. (Lifting moment – ton x meter)
- 8.4 If a crane is provided as part of the machine offered the following specification would be desirable: Hydraulic crane with a seven ton-meter capacity with a reach of 7.8m from the centre of the track. It would also be desirable for the crane to be able to winch permanent way material lying 20m from the centre line of the track to a position in which it can be hoisted.
- 8.5 Lifting cables and slings with clamps and attachments capable of lifting permanent way material currently used by *Employer* will also be required. This shall apply whether lifting of material is to be done by either the crane or the drain cleaning excavator.
- 8.6 Woven cable net must also be provided as standard standby equipment to pick up rocks
- 8.7 The crane or drain cleaning unit shall be equipped with height limit switches to enable working under live OHTE wires.
- 8.8 Drain cleaner unit shall be provided as part of the machine or as an additional wagon linked to the machine.
- 8.9 The drain cleaner or cutting cleaning capacity of the machine shall be provided full time for this contract.
- 8.10 The drain cleaner or cutting cleaning capacity of the machine offered shall in addition to the pricing instructions, be described and provided as a qualification to this tender, clearly stating how the capacity is to be measured. Bidders shall quote at what rate the drain cleaner can excavate and load spoil material.
- 8.11 The total spoil clearing cycle shall be fully described in the tender offered. The capacity to unload or tip the spoil, together with the output required in terms of the number of laborers or other means to dispose or level the spoil, shall be provided clearly in the tender.
- 8.12 Bidders shall also qualify tenders stating whether any *Employer* wagons will be required for the spoil removal process. The capacity of the spoil removal wagon offered by the bidder shall also be specified. A wagon with a capacity of at least 10 tons is required.
- 8.14 The drain cleaning equipment shall be capable of removing rocks and scrap Perway material. The necessary slings and or nets shall be provided to allow for this. The drain cleaning shall consist of all support and equipment required to clear, transport, dispose and level spoil clear of track without spoiling any material on track or disturbing track ballast profiles
- 8.15 Drains shall be shaped and profiled neatly to approved profiles or the Employer's quality standard.
- 8.16 Requirements for the additional equipment.
- a) The Drain cleaning equipment, as per clause 2.4 shall be provided for the full duration of the contract but will be used as planned per the work program determined by *Employer*.
- b) The other equipment called for as provisional equipment may not be required at all.

- c) A program may be provided for the use of the provisional additional equipment with other machines on other depots and other regions. If this is required, the additional equipment will only be used with a similar machine on another contract on another depot.
 - d) The *Project Manager* will provide an annual program for the use of the equipment which will not be changed with a notice period shorter than one week. At least one week's notice will also be given to return the equipment to this contract's area.
 - e) The *Contractor* shall offer self-powered/self-propelled equipment.
 - f) If the drain cleaning equipment is on breakdown, it will be regarded as non-available, unless the Technical Officer approves the use of the machine on another productive maintenance action.
 - g) If any of the other additional equipment is required and the equipment becomes non-available or is not in full working condition, the additional equipment shall be regarded as non-available for the first 4 hours. After 4 hours, the whole machine shall be regarded as non-available. The availability payment of the machine in the first 4 hours will also only be payable if the machine can be used, with the approval of the Technical Officer.
- 8.17 The following types of plant hire items are possible:
- a) Tractor - Tractor Loader Backhoe (TLB)
 - b) Tipper. - Single axel 3-4m³ – 7 ton. and or
 - c) Tipper. - Double rear axel 6 - 8m³ – 10 - 12 ton
- 8.18 Where plant is required, the plant shall be provided in good working condition, and will include an operator and fuel sufficient for 10 hours of work per day. Running time for road worthy plant items to and from site shall be part of the 10 hours per day were agreed on between the *Project Manager* and the *Contractor*.
- 8.19 Because of the variability of the requirement for plant hire and the terms on which the *Contractor* will be able to hire plant, all plant hire to be done, will only be done by agreement between *Project Manager* & *Contractor*.
- 8.20 The period of hire for an item shall normally not be less than one day per item. The period of hire will however be agreed on between the *Project Manager* and the *Contractor*.
- 8.21 Low bed for delivery of plant to and from site.
- a) If a low bed truck is required to deliver and remove plant to and from site, the use of the low bed shall be paid for under the items in the schedule of quantities and prices.
 - b) This implies payment for delivery and removal separately.
 - c) Payment for the variable cost per km will be made for one direction only. This implies no payment for the empty leg.
- 8.22 Mechanical and motive aspects of Drain Cleaner Machines

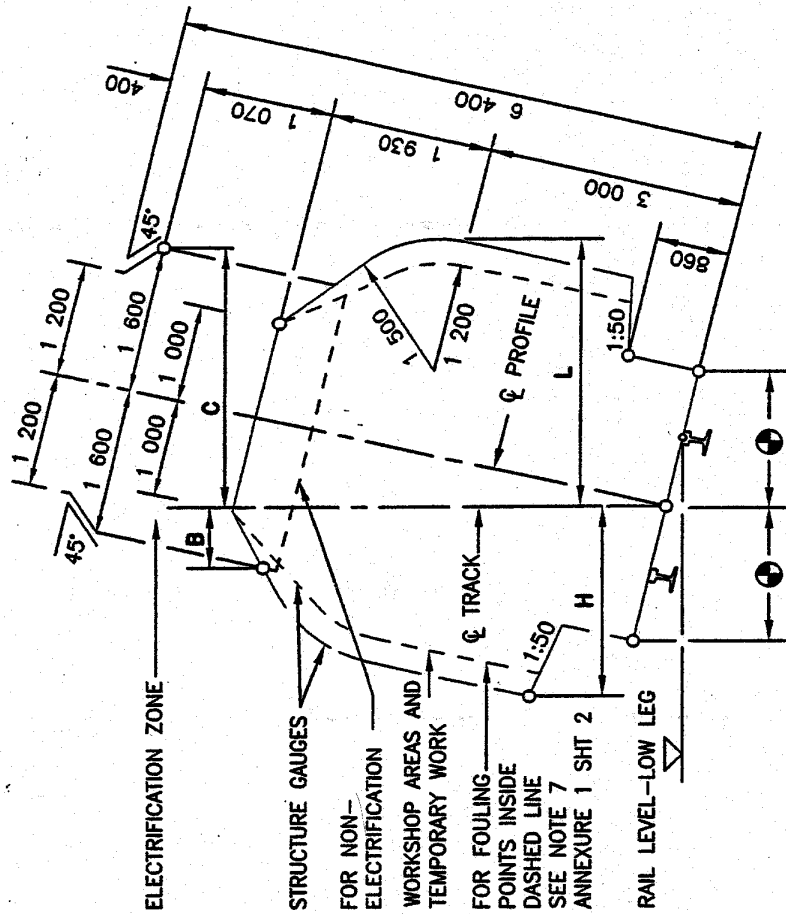
- 8.23 Off-tracking equipment will normally not be required for this contract. *Contractors* to however qualify whether machine offered is equipped with this facility. In a situation where off-tracking equipment is provided, the equipment shall be in accordance with applicable clause in the Spec C3 (E.160)
- 8.24 Any machine offered shall be capable of maintaining the travelling speeds as required in the schedule of machines.
- 8.25 The Contractor shall provide a team which is trained to clean drain and open culverts by hands.

9. TESTING, COMPLETION, COMMISSIONING AND CORRECTION OF DEFECTS

- 9.1 Where the required standards are not attained before the end of an occupation or should the *Contractor* damage the track or any visible equipment, the *Service Manager* may arrange to rectify such defects. Costs will be recovered from the *Contractor*.
- 9.2 The *Service Manager* or his representative and or Supervisor will check the condition and standard of workmanship at the end of each occupation, and should the condition or quality not be acceptable, repairs shall be carried out at the expense of the *Contractor*.

TRANSNET RAIL INFRASTRUCTURE MANAGER**TENDER NUMBER:** SIC24025CIDB**DESCRIPTION OF THE SERVICES:** FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANING MACHINE ON AN AS AND WHEN REQUIRED BASIS COUNTRYWIDE.**TRANSNET****(REGISTRATION NO.1990/000900/30)****TRADING AS
TRANSNET RAIL INFRASTRUCTURE MANAGER****ADDENDUM NO. 1
TO THE
SECONDARY AND GENERAL SPECIFICATIONS
OF THE CONTRACT**

- 1) Where ever the word "South African Transport Services" or "Spoornet" appears in these specifications, please replace it with "Transnet Rail Infrastructure Manager".
- 2) Where ever the words "Technical Officer" appear in these specifications, please replace with "Supervisor".

ANNEXURE 1
SHEET 1 of 5
AMENDMENTHORIZONTAL CLEARANCES :
1 065mm TRACK GAUGE

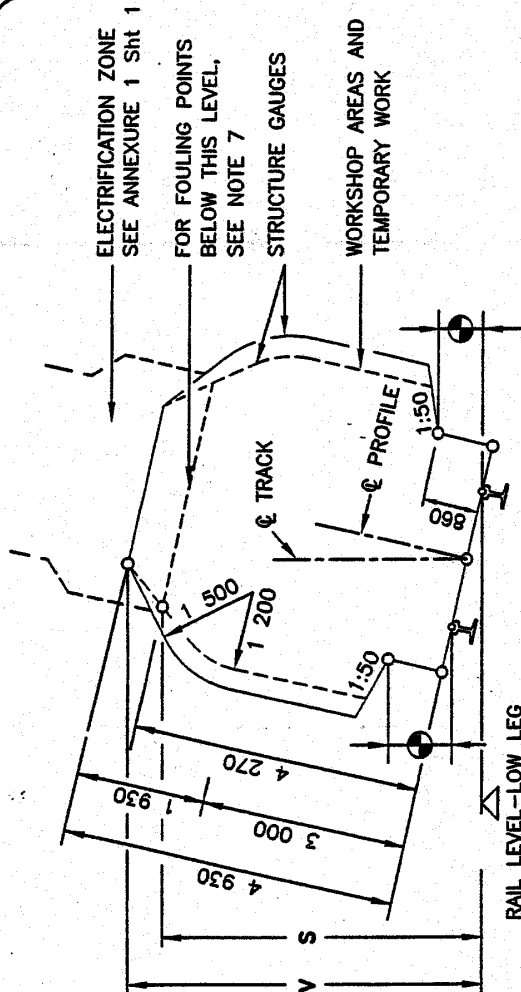
RADIUS (m)	WITH CANT		NO CANT		WITH CANT	
	H (mm)	L (mm)	H & L		B (mm)	C (mm)
90	2 730	3 090	2 780		1 130	2 100
100	2 700	3 030	2 750		1 140	2 050
120	2 650	2 970	2 700		1 160	2 010
140	2 620	2 920	2 660		1 175	1 990
170	2 590	2 870	2 630		1 190	1 970
200	2 570	2 820	2 600		1 205	1 950
250	2 550	2 790	2 580		1 230	1 920
300	2 540	2 760	2 560		1 250	1 900
350	2 530	2 730	2 540		1 270	1 890
400	2 520	2 710	2 530		1 290	1 875
500	2 510	2 680	2 520		1 320	1 850
600	2 500	2 660	2 510		1 340	1 830
800	2 490	2 620	2 500		1 365	1 790
1 000	2 480	2 600	2 490		1 380	1 760
1 200	2 480	2 580	2 490		1 200	1 730
1 500	2 480	2 550	2 480		1 415	1 700
2 000	2 480	2 500	2 480		1 440	1 660
3 000	2 470	2 470	2 470		1 500	1 600
>5 000	2 460	2 460	2 460		1 600	1 600

REMARKS:

1. H AND B IS THE REQUIRED HORIZONTAL CLEARANCE ON THE OUTSIDE OF THE CURVE BASED ON MINIMUM CANT.
2. L AND C IS THE REQUIRED HORIZONTAL CLEARANCE ON THE INSIDE OF THE CURVE BASED ON MAXIMUM CANT.
3. INTERMEDIATE VALUES MAY BE INTERPOLATED BY THE ENGINEER IN CHARGE.
4. FOR WORKSHOP AREAS AND TEMPORARY WORK, CLEARANCES H AND L MAY BE REDUCED BY 300mm.
5. ⚡ SEE ANNEXURE 1 SHEET 3 FOR PLATFORM CLEARANCES.
6. ALSO REFER TO REMARKS 4 TO 8 OF ANNEXURE 1 SHEET 2.

ANNEXURE 1
SHEET 2 of 5
AMENDMENT

VERTICAL CLEARANCES :
1 065mm TRACK GAUGE



LOCATION	NOT ELECTRIFIED	ELECTRIFIED (PRESENT OR FUTURE)		
		3kV & 25kV	50kV	
		RADIUS (mm)	S (mm)	V (mm)
ALL AREAS OTHER THAN THOSE INDICATED BY * BELOW		100	4 470	5 400
		300	4 410	5 370
		600	4 370	5 350
		1 000	4 350	5 340
		1 500	4 310	5 310
		2 000	4 290	5 290
		>3 000	4 270	5 280
* OVER OR NEAR POINTS AND CROSSING IF REQUIRED BY ELECTRICAL IRRESPECTIVE OF RADIUS			5 650	6 000

REMARKS:

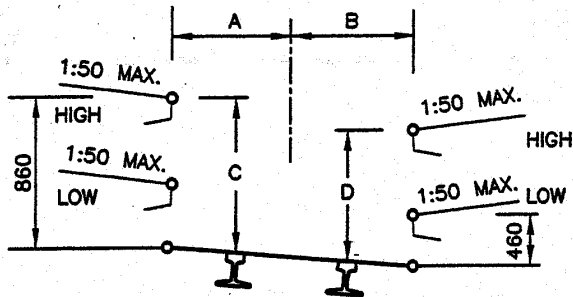
1. V IS THE REQUIRED VERTICAL CLEARANCE EXCEPT WHERE REDUCED CLEARANCE S APPLIES.
2. S IS THE MINIMUM VERTICAL CLEARANCE FOR STRUCTURES AND TEMPORARY WORK OVER NON-ELECTRIFIED LINES.
3. INTERMEDIATE VALUES MAY BE INTERPOLATED BY THE ENGINEER IN CHARGE.
4. FOR APPLICATION AT CURVES
 - 4.1 APPLY INCREASED CLEARANCES FOR CURVES TO POINTS 3m BEYOND THE ENDS OF THE CIRCULAR CURVE.
 - 4.2 REDUCE CLEARANCES AT A UNIFORM RATE OVER THE REMAINDER OF THE TRANSITION CURVE.
 - 4.3 FOR NON-TRANSITIONED CURVES REDUCE AT A UNIFORM RATE OVER A LENGTH OF 15m ALONG STRAIGHTS.
5. NEW STRUCTURES: SEE BRIDGE CODE.
6. TUNNELS: SEE DRAWING BE 82-35.
7. FOULING POINTS: SEE CLAUSE 8.1.
8. CLEARANCES ARE BASED ON 15m BOGIE CENTRES AND 21,2m VEHICLE BODY LENGTH.
9. ① SEE ANNEXURE 1 SHEET 3 FOR PLATFORM CLEARANCES.

ANNEXURE 1
SHEET 3 of 5
AMENDMENT

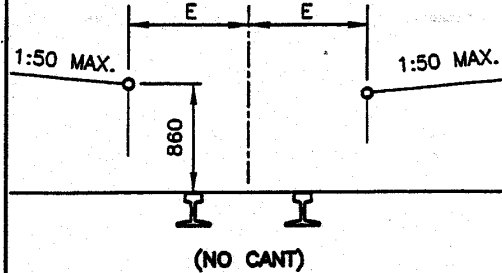
CLEARANCES : PLATFORMS

PLATFORMS : TRACK GAUGE 1 065mm

PASSENGERS



GOODS

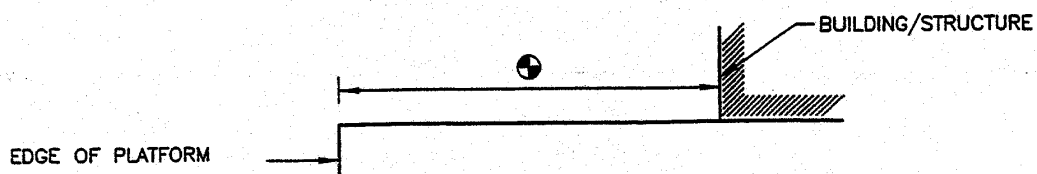


RADIUS (m)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
90	1 690	1 820	890	810	1 840
100	1 650	1 790	890	810	1 810
120	1 610	1 740	890	810	1 760
140	1 580	1 700	890	810	1 720
170	1 550	1 660	890	810	1 690
200	1 530	1 630	890	820	1 670
250	1 520	1 600	890	820	1 640
300	1 520	1 580	890	830	1 620
350	1 520	1 560	880	830	1 600
400	1 520	1 550	880	840	1 590
500	1 520	1 540	880	850	1 580
600	1 520	1 530	870	850	1 570
800	1 520	1 520	860	860	1 560
1 200	1 520	1 520	860	860	1 550
2 000	1 520	1 520	860	860	1 540
3 000	1 520	1 520	860	860	1 530
STRAIGHT	1 520	1 520	860	860	1 520

REMARKS:

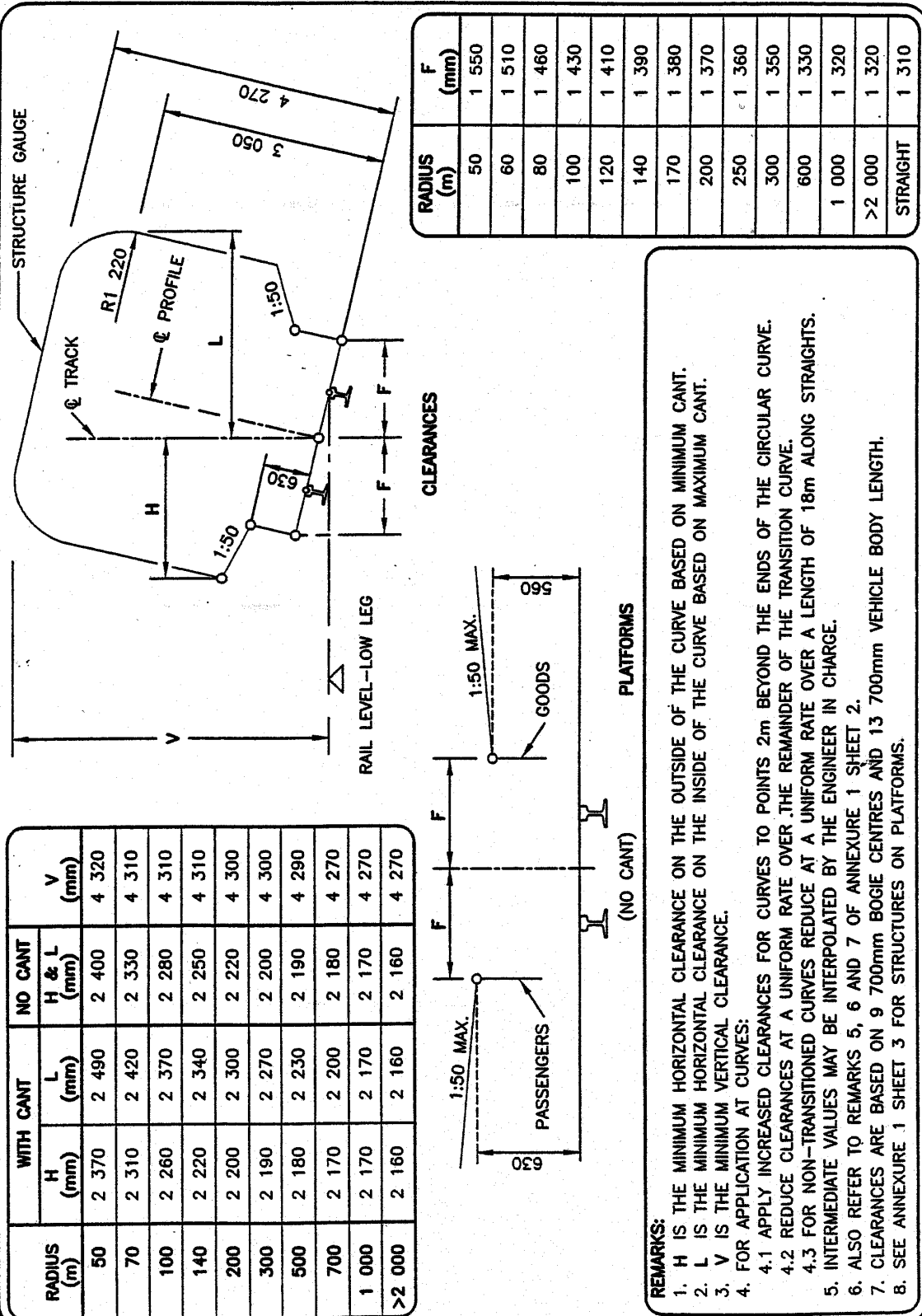
1. NO CANT TO BE APPLIED EXCEPT WHEN THE GOODS PLATFORM IS ON A RUNNING LINE.
2. INTERMEDIATE VALUES MAY BE INTERPOLATED BY THE ENGINEER IN CHARGE.
3. 8m TO MAIN STATION-BUILDINGS AND 3m TO ALL OTHER STRUCTURES.
4. TOLERANCES : SEE CLAUSE 8.0.10.

STRUCTURES ON PLATFORMS : 1 065mm AND 610mm TRACK GAUGE



ANNEXURE 1
SHEET 5 of 5
AMENDMENT

CLEARANCES : 610mm TRACK GAUGE



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 :

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- 1. DEFINITIONS**
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- 6. SUPERVISION, DISCIPLINE AND REPORTING**
- 7. ACCESS TO THE OHS ACT**
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- 10. HEALTH AND SAFETY MEETINGS**
- 11. COMPENSATION REGISTRATION**
- 12. MEDICAL EXAMINATIONS**
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- 15. SECURITY AND ACCESS**
- 16. FIRE PRECAUTIONS AND FACILITIES**
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- 18. HYGIENE AND CLEANLINESS**
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- 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
- 27.1.2 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.

28. 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. _____

HEALTH AND SAFETY SPECIFICATION FOR THE PROVISION OF MAINTENANCE OF RAILWAY TRACK WITH ON-TRACK DRAIN CLEANING MACHINE

CONTRACT NUMBER:	SIC24025CIDB	
LOCATION:	Nationally	
CONTRACT DURATION:	As when required	
CONTRACT MANAGER:		
HEALTH AND SAFETY SPECIFICATION APPROVAL		
	NAME:	SIGNATURE:
TRIM CONTRACT MANAGER / CONTRACT REPRESENTATIVE	 DATE:
SAFETY SPECIALIST	Abram Motshegare DATE:

1. Introduction

- 1.1 This Health and Safety Specification is Transnet Infrastructure Manager (TRIM) minimum requirements to be met by service providers when performing work on the provision of maintenance of railway track with on-track drain cleaning machine project. The requirements of this health and safety specification apply to all employees, visitors and must be complied with by all Consultants or service provider and all tenderer appointed by the service provider.
- 1.2 The tenderer shall develop a health and safety plan based on the client health and safety specification and submit it to Client for approval and prepare a health and safety file as per the requirements of relevant applicable legislation. The tenderer shall remain accountable for the quality and health and safety of his/her employees and ensure health and safety programme is implemented. This specification in no way releases the tenderer from compliance with the relevant legislation.

2 Purpose

- 2.1 The purpose of this health and safety specification is to outline the health and safety minimum requirements for the provision of maintenance of railway track with on-track drain cleaning machine project. The tenderer must ensure as far as reasonably practicable that safe working environment is provided for all employees and everyone who might be exposed to tenderer activities, including public.
- 2.2 This specification forms an integral part of the contract, and the Principal Tenderer shall ensure that all tenderer they are intending to appoint are issued and comply with the requirements of this health and safety specification.

3 Scope and Application

- 3.1 This specification is applicable to all service providers, suppliers and all employees involved in this project on behalf of Trim. 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 16 of 2002.
- 3.2 The Tenderer shall furnish the TRIM Contract Manager/Technical Officer with full particulars of subconsultant and shall ensure that they comply with the OHS Act and Regulations and Transnet's safety requirements and procedures.

4 General

- 4.1 The Tenderer and TRIM 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 Tenderer 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 Tenderer 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 Health and Safety Plan approved by Transnet Infrastructure Manager (TRIM), on the Site and place of work for the duration of the contract.
- 4.3 The Tenderer 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 Infrastructure Manager 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 Tenderer and TRIM 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 Infrastructure Manager and the Tenderer 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 Tenderer with the provisions of the OHS Act.
- 5.2 The agreement shall be completed and signed by the Tenderer mandated representative as soon as possible and returned to the relevant TRIM Contract Manager for his/her signature on behalf of TRIM.
- 5.3 The Tenderer shall enter into a Section 37(2) Agreement with their respective sub-tenderer. Signed copy of such agreement must be kept on the Tenderer's health and safety 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 Tenderer 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 contractor (including Principal Tenderer) and tenderer. NB: A tenderer is an employer in his/her own right;

6.5 **"COVID 19"** means Corona Virus Disease of 2019

6.6 **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.

6.7 **"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

6.8 **health and safety 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.

6.9 **"health and safety plan"** means a site, activity or Contract specific documented plan in accordance with the client's health and safety specification.

6.10 **"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.

6.11 **"rail road vehicle"** means a vehicle that can travel on rail and road

- 6.12 **"TRIM"** means Transnet Infrastructure Manager, 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 **"TRIM Contract Manager"** TRIM employee appointed to liaise with the tenderer 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 Tenderer 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 Tenderer 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 Tenderer 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-tenderer'.
- 8.2 No tenderer may do any work for TRIM without a valid letter of good standing. The Tenderer 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 Tenderer and/or Sub-tenderer, registration number and, expiry date.

9. Management and Supervision

- 9.1 The Tenderer and all subconsultant shall submit a health and safety organogram outlining the site health and safety management structure including the relevant appointments/competent persons or the intended appointments where such appointments have not been made.

- 9.2 The Tenderer 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 health and safety file.
- 9.3 In case of construction work, additional appointments must be made in terms of the Construction Regulations:
 - 9.3.1 A Tenderer 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 tenderer 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.
 - 9.3.2 A Tenderer shall in writing appoint a full-time **Health and Safety Officer registered with SACPCMP** in writing to assist in the control of all health and safety related aspects on the site.
 - 9.3.3 The 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 Tenderer shall also make the above written appointments and the Tenderer shall deliver copies thereof to the Contract Manager/Technical Officer.

10. Health and Safety Committee Meetings and Health and Safety Representatives

- 10.1 Where required by legislation, the tenderer shall appoint Health and Safety Representative/s in writing after consultation with employees and ensure that they are trained in performing their duties.
- 10.2 Health and Safety Representatives duties shall include inspections of the workplace, taking part in incident investigations, risk assessments, attending Health and Safety Committee meetings etc. Records of monthly inspections of Health and Safety Representatives must be kept on the Health and Safety file.
- 10.3 The number of Health and Safety 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 Tenderer must ensure that a project/site Health and Safety Committee meeting is held monthly and minutes of such meeting shall be recorded and records kept on the Health and Safety file. The Tenderer representative and appointed Health and Safety representatives shall attend the monthly Health and Safety Committee meeting.
- 10.5 The Contract Manager/Technical Officer or his deputy shall be allowed to attend meetings of the Tenderer's health and safety committee as an observer.

- 10.6 Tenderer appointed by the Tenderer shall have their own internal monthly Health and Safety Committee meetings.

11. Health and Safety Audits and Consultant Monthly Reports

- 11.1 The TRIM Contract Manager/Technical Officer or his deputy shall ensure that the Tenderer's Health and Safety Plan is audited at intervals mutually agreed to between them, but at least once every month to ensure that the HEALTH AND SAFETY Plan is implemented and maintained on site.
- 11.2 TRIM Safety Officers / Specialists shall at all reasonable times be allowed access to the work sites, the Tenderer site offices and Health and Safety to inspect the Tenderer's and its tenderer's tools, equipment, registers and workplace.
- 11.3 Should any non-compliances or contraventions to the TRIM safety requirements, legal requirements, this specification or the Tenderer's Health and Safety Plan be identified, such non-compliances or contraventions shall be rectified by the tenderer at its cost immediately or within a period specified by the TRIM Contract Manager/Technical Officer, his deputy, or TRIM Safety Officers / Specialists.
- 11.4 Should the Tenderer refuse or fail to rectify such non-compliances or contraventions, TRIM may take remedial action at the Tenderer's cost as it may deem necessary to ensure safety at the TRIM sites at all times.
- 11.5 TRIM reserves the right to conduct safety audits without prior warning.
- 11.6 The Tenderer on all contracts of more than 1 month shall conduct its own safety audit and provide a monthly safety performance report as required by TRIM.
- 11.7 The Monthly safety performance report shall be compiled in terms of Annexure 2 or in any format that the Tenderer 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 Tenderer shall ensure that all his/her employees undergo a TRIM Health and Safety Induction at every depot 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 tenderer to inform TRIM whenever new employees are appointed after the initial induction was conducted.
- 12.1.2 In addition to the TRIM Health and Safety induction, it is the responsibility of the Tenderer to develop and implement a site-specific Health and Safety Induction programme, a job specific induction programme and a general employee Health and Safety awareness programme, to develop awareness amongst employees on the generic Health and Safety issues associated with the scope of work and the specific environmental issues in question.

- 12.1.3 The Tenderer shall ensure that all visitors and suppliers to the site undergo and comply with Tenderer's 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 Tenderer shall maintain comprehensive attendance records of Health and Safety induction training on the Health and Safety file.

12.2 Competency / Training

- 12.2.1 The Tenderer must ensure that all his employees are adequately trained to perform the tasks allocated to them and that there is always the requisite amount of supervision to maintain safe work practices and standards. Safety Officer must possess Diploma in Safety Management and at least minimum of three (3) years' experience as a safety officer on similar type project.
- 12.2.2 The Tenderer 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 Tenderer shall identify all training needs and incorporate the site-specific training into the Health and Safety Plan.
- 12.2.4 Each Tenderer 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 Tenderer 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 Tenderer must ensure that certificate/s of competence where applicable is/are provided in the Health and Safety File.
- 12.2.7 The Tenderer shall ensure that the vehicles are driven by competent drivers, inducted by Transnet and are in a position of all relevant or required competency as required by Transnet for safe operation near or over the railway.

12.3 Awareness Training

- 12.3.1 Awareness training required shall be identified for all employees on the Contract using the Health and Safety Policy, the Health and Safety Plan, the Health and Safety programmes and procedures.
- 12.3.2 The Tenderer shall have a daily safety talk. This talk shall include tenderer 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.

13. Health and Safety Plan

- 13.1 Potential Tenderer 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 Health and Safety 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 tenderer 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 Tenderer'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 tenderer of the Tenderer does or omits to do any act which would be an offence for the Tenderer 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 Tenderer'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 Tenderer'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 Health and Safety Plan shall include full particulars in respect of: -
- (a) Safety Management Structure arrangements i.e. Appointments to be done;
 - (b) Health and Safety Organisation arrangements i.e. Health and Safety Committees, Health and Safety 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) Health and Safety 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 Health and Safety Plan

13.5 The Tenderer shall submit a final Health and Safety Plan after awarding of the contract which shall be subject to the TRIM Contract Manager/Technical Officer's approval and he may, in consultation with the Tenderer, order that additional and/or supplementary practical arrangements and procedures be implemented and maintained by the Tenderer or that different working methods or safety equipment be used or safety clothes be issued which, in the TRIM Contract Manager/Technical Officer's opinion, are necessary to ensure full compliance by the Tenderer with his obligations as an employer in terms of the OHS Act and Regulations.

13.6 The Tenderer shall approve the Health and Safety Plan of the tenderer and further take reasonable steps to ensure that each tenderer's Health and Safety 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 Tenderer shall stop any tenderer from executing any work, which is not in accordance with the Tenderer's, and/or tenderer's Health and Safety Plan for the site or which poses a threat to the health and safety of persons.

13.8 The Tenderer shall ensure that a copy of the Health and Safety Plan is available on site for inspection by an inspector, TRIM Contract Manager/Technical Officer, agent, tenderer,

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 Tenderer 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 Tenderer shall consult with the health and safety committee or, if no health and safety committee exist, 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 and safety on site or after an incident.
- 14.5 The Tenderer shall ensure that all employees are to be informed, instructed and trained regarding any risks, hazard and related health and safety 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 tenderer shall ensure that all service providers under his/her control 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. All task risk assessments must be submitted for review by Transnet Infrastructure Manager health and safety specialist before commencement of any activities.
- 14.7 The task risk assessment shall be available on site for review. Where a risk assessment is not readily available or not communicated to tenderer employees, the activities shall be stopped until such time the tenderer complies.
- 14.8 The tenderer and the TRIM 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 hazards as may be caused by the design, execution and/or location and any other aspect pertaining to the contract work.

- 14.9 The tenderer 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 to complete the activity safely.
- 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 health and safety file.
- 14.11 Preliminary risk and hazard identification shall be conducted by the Tenderer prior to work commencement on site. Should the Client's Representative, TRIM Contract Manager/Technical Officer or his duly nominated alternative identify hazardous activities performed by the Tenderer on the site for which the Tenderer has not submitted a risk assessment, the Tenderer shall be required to do so before continuing with work.
- 14.12 The tenderer 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 tenderer shall take into consideration measures required by the COVID-19 Occupational Health and Safety Measures in Workplaces.

15. Health and Safety File

- 15.1 The tenderer shall prepare a Health and Safety file and submit to TRIM 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 tenderer shall ensure that a copy of both his/her Health and Safety File as well as any tenderer's Health and Safety File is kept on site and made available to an inspector of the Department of Labour, the TRIM Contract Manager/Technical Officer, or tenderer upon request.
- 15.4 The tenderer shall hand over a consolidated Health and Safety File to the TRIM 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 Tenderer shall ensure that all his and tenderer 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 health and safety file.

16.1.3 The tenderer 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 Tenderer must comply with the Transnet Substance Abuse Policy and Regulation 2A of the General Safety Regulations of the OHS Act.

16.2.2 No Tenderer may possess, sell, offer to other person, use, store, manufacture, transport, distribute, or transfer drugs or alcohol during work hours, on or off TRIM premises.

16.2.3 TRIM 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 tenderer employee will be considered unfit for work if:

- (a) He/Health and Safety 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 /Health and Safety 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 TRIM Contract Manager, it is evident that the tenderer'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 tenderer employee using medication that has a narcotic effect must declare before work to his / her supervisor.

16.3 Occupational Hygiene

16.3.1 The Tenderer 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 assessments should be documented and kept up to date.

16.3.2 The Tenderer 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 health and safety file, communicated to all affected parties and be reported to relevant authorities.

16.4 Welfare Facilities

- 16.4.1 The Tenderer must ensure that all workplace facilities meet health, safety and welfare needs of all employees, including disabled persons where applicable.
- 16.4.2 The Tenderer 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 Tenderer 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 Tenderer shall ensure that their employees receive prompt first aid treatment in case of injury or emergency. The Tenderer must have the necessary equipment and/or facility on site for treatment of injured persons.
- 16.5.2 Tenderer 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 Considering the type of injuries that are likely to occur on site, the nature of activities performed and the number of employees on site, the Tenderer 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 Tenderer must ensure that trained / certificated first-aid personnel are always appointed and be available on site. The ratio of first aiders to employees shall be 1 per team and additional first aider.

16.6 Asbestos Control

- 16.6.1 The Tenderer shall inform the TRIM Contract Manager or TRIM Contract Manager if during service work asbestos or suspected asbestos containing material is found. Only Asbestos Approved Tenderer can work on asbestos containing material.

16.7 Noise

- 16.7.1 The Tenderer shall ensure that the requirements of the Noise Induced Hearing Loss Regulations are complied with.
- 16.7.2 Tenderer 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 Tenderer 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.
- 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 Tenderer must put measures to reduce the risks associated with hand-arm vibrations, avoid, whenever possible, the need for vibration equipment.
- 16.8.2 Tenderer 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 Tenderer must introduce a work pattern that reduces the time exposure to vibrations.
- 16.8.4 The Tenderer shall issue employees with gloves and warm clothing. There is a debate as to whether anti-vibration gloves are 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 Tenderer 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 Tenderer shall ensure all employees involved in manual handling are trained in good lifting techniques.

16.10 Dust

- 16.10.1 The Tenderer 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 Tenderer must institute precautionary measures to protect employees on site.
- 16.11.2 The Tenderer 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 sunscreen to protect them against sun burn.
- 16.11.3 The Tenderer 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 tenderer and his tenderer on TRIM premises, shall be reported to the TRIM Contract Manager and Department of Labour as prescribed by the OHS Act.
- 17.2 TRIM 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 tenderer, his tenderer, any person or machinery under his control on TRIM premises.
- 17.3 TRIM Contract Manager must be informed of the above incidents/occurrences before the end of shift when the incident/occurrence occurred.
- 17.4 The Tenderer shall make available its employees to attend as witnesses when required so by TRIM during an investigation into any incident where TRIM believes the said tenderer employees were witnesses or may assist in the investigation.
- 17.5 The Tenderer shall make available to TRIM any documents required to assist in their investigation.

18. Health and Safety Cost

- 18.1 The Tenderer shall ensure that it has made adequate provision for the cost of health and safety measures in the tender offer.
- 18.2 The Tenderer shall ensure that its tenderer have made adequate provision for the cost of health and safety measures in the tender offer.

19. Personal Protective Equipment (PPE)

- 19.1 The Tenderer 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 Tenderer 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 Tenderer 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 TRIM nearest assembly point.

20.3 An Emergency Evacuation Procedure must be drawn up; all staff members and tenderer shall be given awareness training and participate in regular evacuation drills.

20.4 The Tenderer and its employees shall collaborate and adhere to TRIM evacuation drills and requirements.

21. Access Control and Security

21.1 The Tenderer shall, before commencing any work, obtain from the TRIM 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 Tenderer and any tenderer under his control.

21.2 No Site Access Certificate will be granted to the Tenderer who fails to comply with TRIM minimum health and safety requirements, with the health and safety File not approved and without the health and safety induction been concluded.

21.3 The tenderer must assess the security risks and implement appropriate measures. All tenderers are to strictly adhere to all security requirements on the premises.

21.4 The Tenderer in collaboration with the TRIM representative will ensure that proper access control is always in place and functional on site. A form of access control will be issued to tenderer employees who have been inducted and submitted copies of ID documents or work permits (where required).

21.5 Access Permits should be carried by a contract employee at all times when on site. Access Permits shall be produced at the point of entry / gate.

21.8 Tenderer shall ascertain from TRIM 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 Tenderer

Tenderer's Signature.....
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- 22.1 The Tenderer is directly responsible for the actions of his tenderer/sub-tenderer.
- 22.2 The Tenderer will also be responsible for initiating any remedial action (recovery plan) that may be necessary to ensure that the tenderer complies with all requirements.
- 22.3 The Tenderer shall provide any tenderer who is making a bid or appointed to perform work, with the relevant sections of the documented health and safety specification, who would in turn provide a health and safety plan for approval.
- 22.4 The Tenderer shall carry out monthly inspection/audits on the tenderer/tenderer to ensure that their health and safety plan is being implemented and maintained and submit audit report to TRIM Contract Manager.
- 22.5 The Tenderer shall stop any tenderer/tenderer from executing work which poses a threat to the safety and health of persons or the environment.
- 22.6 The Tenderer shall ensure that the tenderer/sub-tenderer appointed have the necessary competencies and resources to perform the work safely.
- 22.7 The Tenderer will be required to submit 37(2) mandatory agreement with their service provider to the TRIM Contract Manager

23. Environmental Management

- 23.1 The Tenderer 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 TRIM, the Tenderer shall make available all personnel who will be working on the specified contract to be given environmental induction training. All Tenderer employees arriving on the site shall attend such induction.
- 23.3 The Tenderer 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).
- 23.5 No on-site burying or dumping of waste material shall occur. Waste must be collected by a licensed waste transporting tenderer and disposed of at a licensed disposal site. Disposal certificate must be made available to TRIM 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 Tenderer must notify the Contract Manager immediately of any pollution incident. An incident record system shall be maintained on site for inspection by TRIM 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 because 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 TRIM Environmental Control Officer to prevent contamination of soil and both surface and groundwater.
- 23.10 The Tenderer 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 TRIM 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 tenderer shall preserve wildlife in terms of the NEMA.

24. Operational Safety

24.1 National Railway Safety Regulator Act / Railway Safety

- 24.1.1 The Tenderer shall ensure that its equipment, machinery and employees when on TRIM 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 Tenderer when engaging tenderer must review the capability of the proposed tenderer to comply with specified railway safety requirements and/or regulations.
- 24.1.3 The Tenderer and/or his tenderer must grant TRIM 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.
- 24.1.4 The Tenderer 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 Tenderer shall apply to the TRIM Contract Manager/Technical Officer or the relevant authority for such permits to be issued. The Tenderer 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 Tenderer 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 daily 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.
- 24.3.11 Tools, material and equipment are secured and separated by means of a physical barrier to prevent movement when transported in the same compartment with employees.
- 24.3.12 Where applicable, also in collaboration with the TRIM 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 health and safety meeting to ensure its applicability where applicable. Where applicable the Tenderer 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 tenderer shall when transporting his employees to TRIM 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 Tenderer must ensure that suitable housekeeping is continuously implemented on each work site.
- 24.4.2 The Tenderer must ensure proper storage of materials and equipment and the removal of scrap, waste, and debris at appropriate intervals.
- 24.4.3 The Tenderer must ensure that materials required for use, are not placed on the site to obstruct means of access to and egress from workplaces and passageways.
- 24.4.4 The Tenderer 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 Tenderer 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 tenderer 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 tenderer 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 Tenderer 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 Tenderer must ensure that all appropriate measures are taken to avoid the risk of fire. The tenderer 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 Tenderer shall ensure that the work areas are clear, always, 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 TRIM 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.
- 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 Tenderer must ensure that firefighting 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 tenderer(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 Tenderer shall demarcate the boundaries of the site 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 Tenderer and approved by the TRIM Contract Manager prior to any work being undertaken. The Tenderer 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 Tenderer being required to fence off the boundaries of the site at his own expense to the satisfaction of the TRIM. The tenderer 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 tenderer shall cause the designation of a competent person, responsible for the preparation of a fall protection plan.
- 24.9.2 The Tenderer shall implement, maintain and monitor the fall protection plan for the duration of the contract. The Tenderer 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;
 - (e) rescue plan; and
 - (f) The procedure addressing the inspection, testing and maintenance of all fall protection equipment

24.10 Health and safety Signage (Symbolic Safety Signs) on plant and in buildings

- 24.10.1 The Tenderer's employees shall comply with all health and safety signage posted at various locations of TRIM sites.
- 24.10.2 The Tenderer shall after occupation of the site ensure that appropriate health and safety signs (Symbolic Safety Signs) are displayed on site.

24.10.3 Where a Construction Work Permit has been issued to TRIM for this contract, TRIM shall provide a copy of such permit to the Tenderer 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 Tenderer shall ensure that all machinery, tools and equipment are identified, numbered or tagged, listed on an inventory list,

24.11.2 The Tenderer shall ensure that all machinery, tools and equipment are safe to be used and is maintained in a good condition.

24.11.3 The Tenderer 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 Tenderer 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 Tenderer shall ensure that use and storage of all portable electrical tools comply with all applicable legislation.

24.12.2 The Tenderer shall ensure that only trained employees are authorised to use portable electrical tools

24.12.3 The Tenderer shall ensure that all portable electrical are kept in a safe working condition.

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 Tenderer 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 Tenderer 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 forklifts.
- 24.13.4 The Tenderer 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 Tenderer 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 Tenderer and their employees shall ensure that crane loads are not carried over the heads of any workmen.
- 24.13.13 The Tenderer 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 toolboxes must be protected with a cover.

24.14.4 All files and similar tools must be fitted with handles.

24.14.5 The Tenderer must have a policy on private and makeshift 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 Tenderer 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 Tenderer 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 Tenderer shall comply with TRIM Fatigue Risk Management Plan (FRMP) and Fatigue Risk Management System (FRMS).

24.15.4 The Tenderer 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 Tenderer shall document and implement fit for duty processes for all its employees.

24.16 Electrical Equipment

The Tenderer 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 TRIM Electrical Safety Instructions.

24.16.3 Connections are not made to any power supply without the prior written approval of the TRIM Contract Manager.

24.16.4 All electrical machines and appliances provided by the Tenderer 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 TRIM 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 TRIM Contract Manager or any other authorised Officer of TRIM.

- 24.16.7 All electrical installations are inspected by the TRIM Contract Manager (or his nominee) to ensure that the installation complies with the Statutory Regulations applicable to the site and TRIM Electrical Safety Instructions. Any installations deemed unsatisfactory by the TRIM Contract Manager should be removed by the Tenderer 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 Tenderer must obtain approval from the TRIM Contract Manager before any of his employees or Sub-tenderer 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 Tenderer require entering such places to carry out work, he must first obtain permission from the TRIM Contract Manager and obtain a valid Permit to Work.
- 24.16.12 The Tenderer's employees required to enter such electrical spaces "authorised persons", with the names entered in the TRIM Authorised Persons Register, after receiving approval from the TRIM 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.
- 24.16.14 Such monthly inspection(s) are to be performed by an appropriately qualified Electrician.
- 24.16.15 Tenderer working on, over, under, or adjacent to railway lines and near high voltage equipment shall comply with the TRIM 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 Tenderer 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 Tenderer 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 Tenderer shall ensure that the provisions of General Safety Regulation 5 are complied with regard to work on confined space
- 24.17.4 The Tenderer 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 tenderer shall complete and submit to the TRIM Contract Manager a declaration stating that the tenderer 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 tenderer 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 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 tenderer 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 tenderer 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 tenderer 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 tenderer shall when transporting his employees to TRIM premises comply with the regulations which outlines that 70% of the vehicle capacity can be utilised.
- 24.18.11 The tenderer shall inform the TRIM Contract Manager when any of its employees working on TRIM premises has been diagnosed with COVID-19. The tenderer 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 Tenderer 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 tenderer without written consent of the TRIM Contract Manager.
- 25.3 The Tenderer shall be aware of the confidentiality of the mentioned information and is compelled to treat it accordingly.
- 25.4 The tenderer 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 TRIM must be notified immediately.

ANNEXURE 1

TENDERER MONTHLY HEALTH AND SAFETY REPORT

For Month/Year		Name of Tenderer		
Name of Project				
Contract Number		Date of Commencement		Date of Completion
Number of employees	Man-hours worked this Month	Cumulative (Contract duration man-hours)	Man-hours Since last Lost Time Incident (LTI)	DIFR

1. Details of health and safety Incidents

Incident	This Month	Cumulative(Contract duration)	Short description of major/ significant incidents and preventative action taken
Number of fatalities			
Number of disabling incidents			
Number of Medical Treatment Cases			
Number of first aid Cases			
Number of near miss incidents			
Motor vehicle incidents			
Number of environmental incidents			
Positive substance abuse incidents			
Substandard Act/ Conditions observed			
Legal violations observed			

2. Details of health and safety Meetings

Date	No of participants	Major health and safety Concerns	Action taken

3. Details of Audits/Inspections

Date	Area / Facility	Findings/Recommendations	Action taken

5. Details of any health and safety Promotional activities for the month

Date	Activity	Remarks

6. Safety Communication

Month	Number of Safety talks held	Remarks

Attach separate Health and Sheets for further or other details

.....
Name of Tenderer Representative

.....
Signature

.....
Date



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





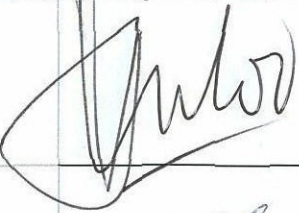



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SPECIFICATION FOR GENERAL WORK AND WORKS ON, OVER, UNDER OR ADJACENT TO RAILWAY LINES AND NEAR HIGH VOLTAGE EQUIPMENT

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Date: May 2011

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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

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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.

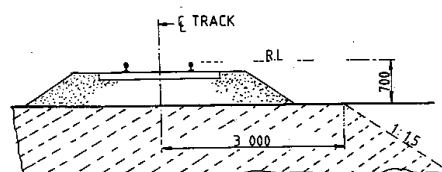


Fig. 1.

- 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

1 April 2025

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 2025 to 31 March 2026 (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)	Carlton Centre, 150 Commissioner Street, Johannesburg, 2001

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, suppliers, manufacturers, vendors, other persons, persons providing storage facilities, 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:
Insured Contracts :**

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.

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 a 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.
- Costs & Expenses For Removal Of Debris No Damage - 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 10% of the total estimated contract value in the aggregate.
- 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.
- Cyber and Data
- Beneficial Occupation – 12 months
- Risk Mitigation – Safety Measures with Respect to Precipitation, Flood and Inundation – 10 years return period

Deductibles:

In respect of loss or damage:

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	R15,000	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.

Electrical Cables, Wiring and Accessories 10% of claim minimum R100,000

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 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:**

- Contracts which at award stage have a value in excess of R 1,000,000,000.
- 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) 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.
- e) Contracts in or on any aircraft.

- f) 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.
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/or R150,000 in respect of Developers Removal of Support.

General 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 ☐ Grid Failure

PROFESSIONAL INDEMNITY

Cover Provided :

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 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,

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Authorized FSP Licence Number 44889

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 at award exceeding 48 months (excluding Defects Liability/Maintenance period).
- c) Contracts with a Contractual Defects Liability Maintenance Period exceeding 24 months.
- d) 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.
- e) Contracts in or on any aircraft.
- f) 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
- Grid Failure

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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.

Langa Sigodi

A handwritten signature in black ink, consisting of a long horizontal stroke followed by a loop and a short vertical stroke.

Account Executive: Corporate and Global Markets

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