ADDENDUM 2

TRANSNET SOC LTD

[hereinafter referred to as **Transnet]**

[Registration No. 1990/000900/30]

REQUEST FOR PROPOSAL [RFP] [GOODS AND SERVICES]

FOR THE PROVISIONING OF HARDWARE, ARCHITECTURE, DESIGNING, PURCHASE AND SOFTWARE OF INFRASTRUCTURE FOR TRANSNET PORT TERMINALS (TPT), TRANSNET NATIONAL PORTS AUTHORITY (TNPA) AND TRANSNET CORPORATE CENTRE (TCC) FOR A PERIOD OF FIVE (05) YEARS

RFP NUMBER	**TCC/2026/03/0029/2277/RFP**
ISSUE DATE:	**23 September 2026**
CLOSING DATE:	**04 December 2026**
CLOSING TIME:	**12:00 Midday**
BID VALIDITY PERIOD:	**180 Business Days from Closing Date**

SUBMISSION TO: **Transnet e-tender submission portal – see SBD 1 for details**

Technical pre-qualification:

No.	Requirements	Provide Evidence /Supporting Documents And Include As An Appendix To This Annexure And Indicate Reference Hereunder
1	The bidder must submit valid proof of accreditation, authorization, certification, or OEM partnership relevant to the hardware and software technologies proposed in its solution. Where multiple OEM technologies are proposed, accreditation or authorization must be provided for each OEM forming part of the proposed solution.	Accredited/Authorized/Certified by the OEM(s) relevant to the proposed solution.
2	Hardware solution must be compatible with the existing Transnet backup environment, including backup software and backup appliances currently deployed by Transnet. Evidence of interoperability must be provided by the OEM	Transnet is currently licensed for Veeam backup solution and OceanProtect backup solution. The bidder must provide OEM-issued evidence in a form of documents or supporting technical materials, such as: Technical proposal, OEM White

No.	Requirements	Provide Evidence /Supporting Documents And Include As An Appendix To This Annexure And Indicate Reference Hereunder
		papers, Architecture diagrams, OEM Datasheets, OEM Product guides, OEM Screenshots or OEM compliance confirmation
3	The bidder's proposed hardware, architecture and software specifications must meet or exceed the detailed specifications provided in the Scope of Work. Any deviation, substitution, or offering of lower-grade specifications will result in the bid being deemed non-responsive and disqualified from further evaluation	The bidder must provide OEM-issued evidence in a form of documents or supporting technical materials, such as: Technical proposal, OEM White papers, Architecture diagrams, OEM Datasheets, OEM Product guides, OEM Screenshots or OEM compliance confirmation
4	The proposed hardware/Solution must comply fully with Transnet's support and maintenance requirements: 1. Five (5)-year maintenance coverage and support 2. 24×7×365 support availability 3. 1-Year hardware Warranty and support	The bidder must provide official OEM or platform documentation such as technical whitepapers, datasheets, or functional screenshots that explicitly confirms the capabilities of the specific product version being proposed.
5	The bidder must demonstrate its capability to provide support services across all Transnet operating regions (KwaZulu-Natal, Gauteng, Eastern Cape, Western Cape, Limpopo, Northern Cape and Free State). In accordance with the scope of work and SLA	The bidder must provide response detailing the below in accordance with the scope of work and SLA: • Regional support coverage model • Contact details for support escalation per site • Ability to provide on-site support where required • Target response and resolution times Evidence must include at least one of the below: • Company-owned offices; and/or • Service delivery centres; and/or • OEM support arrangements; and/or • Partner or subcontractor support networks.

Bidders are required to submit a comprehensive proposal covering All Parts of the scope of work, which is Part 1, Part 2, Part 3 and Part 4, as these components form an integrated solution and will be evaluated collectively. It is therefore mandatory for bidders to bid for ALL four (4) parts of the scope, and submissions that address less than four (4) parts will be deemed non-responsive and will be disqualified from further consideration.

SCHEDULE OF BID DOCUMENTS

Section No **Page**

SECTION 1: SBD1 FORM 5
SECTION 2 : NOTICE TO BIDDERS 8
1 INVITATION TO BID 8
2 FORMAL BRIEFING 9
3 PROPOSAL SUBMISSION 9
4 RFP INSTRUCTIONS 11
5 JOINT VENTURES OR CONSORTIUMS 11
6 COMMUNICATION 12
7 CONFIDENTIALITY 12
8 COMPLIANCE 12
9 EMPLOYMENT EQUITY ACT 12
10 DISCLAIMERS 12
11 LEGAL REVIEW 13
12 SECURITY CLEARANCE 14
SECTION 3: BACKGROUND, OVERVIEW AND SCOPE OF REQUIREMENTS 15
SECTION 4: PRICING AND DELIVERY SCHEDULE 84
SECTION 5: PROPOSAL FORM AND LIST OF RETURNABLE DOCUMENTS 89
SECTION 6: CERTIFICATE OF ACQUAINTANCE WITH RFP, MASTER AGREEMENT & APPLICABLE DOCUMENTS 96
SECTION 7: RFP DECLARATION AND BREACH OF LAW FORM 97
SECTION 8: RFP CLARIFICATION REQUEST FORM 102
SECTION 9 : SPECIFIC GOALS POINTS CLAIM FORM 103
SECTION 10: NON COMPULSORY RFP BRIEFING 108
SECTION 11: JOB-CREATION SCHEDULE 109
SECTION 12: SBD 5 112
SECTION 13: PROTECTION OF PERSONAL INFORMATION (FOR NORMAL CONTRACT) 115

RFP ANNEXURES:	
ANNEXURE A	PRICING WORKBOOK – TPT
ANNEXURE B	PRICING WORKBOOK – TNPA
ANNEXURE C	PRICING WORKBOOK TCC DC AND RDC REFRESH
ANNEXURE D	CONSOLIDATED SUMMARY OF THE PRICING WORKBOOKS
ANNEXURE E	CONSOLIDATED TECHNICAL EVALUATION
ANNEXURE F	DRAFT MASTER AGREEMENT
ANNEXURE G	SERVICE LEVEL REQUIREMENTS
ANNEXURE H	SERVICE CREDITS
ANNEXURE I	NON-DISCLOSURE AGREEMENT
ANNEXURE J	TRANSNET'S SUPPLIER INTEGRITY PACT
ANNEXURE K	TRANSNET'S GENERAL BID CONDITIONS
ANNEXURE L	SUPPLIER DECLARATION FORM

RFP FOR THE PROVISIONING OF HARDWARE, ARCHITECTURE, DESIGNING, PURCHASE AND SOFTWARE OF INFRASTRUCTURE FOR TRANSNET PORT TERMINALS (TPT), TRANSNET NATIONAL PORTS AUTHORITY (TNPA) AND TRANSNET CORPORATE CENTRE (TCC) FOR A PERIOD OF FIVE (05) YEARS

SECTION 1: SBD1 FORM

PART A

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF CONSOLIDATED INFRATRUCTURE, A DIVISION TRANSNET SOC LTD							
BID NUMBER:	**TCC/2026/03/0029/ 2277/RFP**	ISSUE DATE:	**23 September 2026**	CLOSING DATE:	**04 December 2026**	CLOSING TIME:	**12:00 Midday**
DESCRIPTION	**FOR THE PROVISIONING OF hardware, architecture, DESIGNING, PURCHASE and software OF INFRASTRUCTURE FOR TRANSNET PORT TERMINALS (TPT), TRANSNET NATIONAL PORTS AUTHORITY (TNPA) AND TRANSNET CORPORATE CENTRE (TCC) FOR A PERIOD OF FIVE (05) YEARS**						
BID RESPONSE DOCUMENTS SUBMISSION INSTRUCTIONS							
(*please refer to section 2, paragraph 3 for a detailed process on how to upload submissions*): https://transnetetenders.azurewebsites.net							
BIDDING PROCEDURE / TECHNICAL ENQUIRIES MAY BE DIRECTED TO:							
CONTACT PERSON	**Reetsang Modise**						
TELEPHONE NUMBER	**011 308 4905**						
E-MAIL ADDRESS	**Reetsang.Modise@transnet.net**						
SUPPLIER INFORMATION							
NAME OF BIDDER							
POSTAL ADDRESS							
STREET ADDRESS							
TELEPHONE NUMBER	CODE			NUMBER			
CELLPHONE NUMBER							
FACSIMILE NUMBER	CODE			NUMBER			
E-MAIL ADDRESS							
VAT REGISTRATION NUMBER							
IT IS A CONDITION OF THIS BID THAT THE TAX MATTERS OF THE SUCCESSFUL RESPONDENTS BE IN ORDER, OR THAT SATISFACTORY ARRANGEMENTS HAVE BEEN MADE WITH SOUTH AFRICAN REVENUE SERVICE (SARS) TO MEET THE RESPONDENTS TAX OBLIGATIONS.							
	TCP PIN			OR	CSD NO		
SUPPLIER COMPLIANCE STATUS	☐ Yes ☐ No			**OR**	**BBEEE STATUS LEVEL SWORN AFFIDAVIT**		

If Yes, Who was the Certificate issued by?		
AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA) AND NAME THE APPLICABLE IN THE TICK BOX	☐	AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA)
	☐	A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS)
	☐	A REGISTERED AUDITOR
		NAME:

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED FOR PURPOSES OF COMPLIANCE WITH THE B-BBEE ACT]

1 ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐Yes ☐No [IF YES ENCLOSE PROOF]	**2** ARE YOU A FOREIGN BASED SUPPLIER FOR **THE GOODS /SERVICES /WORKS OFFERED?**	☐Yes ☐No [IF YES, ANSWER QUESTIONAIRE BELOW]
Signature of the Bidder	……	Date:	……

QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO

DOES THE BIDDER HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO

DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO

DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO

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

PART B
TERMS AND CONDITIONS FOR BIDDING

1. TAX COMPLIANCE REQUIREMENTS

1.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.

1.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.

1.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.

1.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.

1.5 IN BIDS WHERE UNINCORPORATED CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.

1.6	WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
1.7	RESPONDENTS 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. ONLY FOREIGN SUPPLIERS WITH NO LOCAL REGISTERED ENTITY NEED NOT REGISTER ON THE CSD. THE CSD CAN BE ACCESSED AT HTTPS://SECURE.CSD.GOV.ZA/.

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

SIGNATURE OF BIDDER: ……

CAPACITY UNDER WHICH THIS BID IS SIGNED: ……

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

DATE:_____

SECTION 2 : NOTICE TO BIDDERS

1 INVITATION TO BID

Responses to this RFP [hereinafter referred to as a **Bid** or a **Proposal**] are requested from persons, companies, close corporations or enterprises [hereinafter referred to as an **entity**, **Respondent** or **Bidder**].

DESCRIPTION	**FOR THE PROVISIONING OF HARDWARE, ARCHITECTURE, DESIGNING, PURCHASE AND SOFTWARE OF INFRASTRUCTURE FOR TRANSNET PORT TERMINALS (TPT), TRANSNET NATIONAL PORTS AUTHORITY (TNPA) AND TRANSNET CORPORATE CENTRE (TCC) FOR A PERIOD OF FIVE (05) YEARS** [**the Goods/Services**]
TENDER ADVERT	All Transnet tenders are advertised on the National Treasury's e-Tender Publication Portal and the Transnet website only. If you receive tender adverts for Transnet in any other platform other than the ones mentioned, it is your duty to verify the authenticity, accuracy, latest updates and reliability of the information with the platforms mentioned. Should both of these media (i.e. National Treasury's e-Tender Publication Portal or Transnet website) not be available, bidders are advised to check on the other media for advertised tenders.
RFP DOWNLOADING	This RFP may be downloaded directly from National Treasury's e-Tender Publication Portal at www.etenders.gov.za free of charge. To download RFP and Annexures: • Click on "Tender Opportunities"; • Select "Advertised Tenders"; • In the "Department" box, select Transnet SOC Ltd. Once the tender has been in the list, click on the 'Tender documents" tab and process to download all uploaded documents. The RFP may also be downloaded from the Transnet Portal at https://transnetetenders.azurewebsites.net
COMMUNICATION	Transnet will publish the outcome of this RFP on the National Treasury e-tender portal and Transnet website with 10 days after the award has been finalised. All unsuccessful bidders have a right to request for reasons for their bid not being successful. This requested must be directed to the contact person stated in the SBD 1 form Any addenda to the RFP or clarifications will be published on the e-tender portal and Transnet website. Bidders are required to check the e-tender portal or Transnet website prior to finalising their bid submissions for any changes or clarifications to the RFP. Transnet will not be held liable if Bidders do not receive the latest information regarding this RFP with the possible consequence of either being disadvantaged or disqualified as a result thereof.
BRIEFING SESSION	Yes – non-compulsory Bidders are required to confirm their attendance and to send their contact details including the number of representatives (where applicable) to the following address: Reetsang.Modise@transnet.net This is to ensure that Transnet may make the necessary arrangements for the briefing session. Refer to paragraph 2 for details.

CLOSING DATE	**12:00 PM Midday on 04 December 2026** Bidders must ensure that bids are uploaded timeously onto the system. Generally, if a bid is late, it will not be accepted for consideration. Respondents are to submit bid documents by uploading them onto the Transnet system against each tender selected. A Bidder can upload 30mb per upload and multiple uploads are permitted. Bidders should ensure that electronic bid submissions are submitted at least a day before the closing date and bidders should not wait for the last hour before the deadline to submit. This is to enable them to timeously address issues which they may encounter due to internet speed, bandwidth or the size of the number of uploads being submitted. Transnet will not be held liable for any challenges experienced by bidders as a result of their own technical challenges. NB! In accordance with Section 217 of the Constitution, the Preferential Procurement Policy Framework Act (PPPFA), the Preferential Procurement Regulations, the Public Finance Management Act (PFMA), and applicable National Treasury Instructions, each bidder is **strictly permitted to submit only one proposal or offer per bid invitation**, unless expressly stated otherwise in the bid documents.
VALIDITY PERIOD	**180 Business Days from Closing Date** Bidders are to note that they may be requested to extend the validity period of their bid, at the same terms and conditions, if the internal evaluation process has not been finalised within the validity period. However, once the adjudication body has approved the process and award of the business to the successful bidder(s), the validity of the successful bidder(s)' bid will be deemed to remain valid until a final contract has been concluded. Should a bidder fail to respond to a request for extension of the validity period before it expires, that bidder will be excluded from tender process. With regard to the validity period of next highest ranked bidders, please refer to Section 2, paragraph 10.12

Any additional information or clarification will be published on the e-Tender portal and Transnet website, if necessary.

2 FORMAL BRIEFING

2.1 A non-compulsory pre-proposal RFP briefing will be conducted on **MS Teams** on **02 October 2026** at **11:00** AM for a period of ± 2 hours. The briefing session will start punctually, and information will not be repeated for the benefit of Respondents arriving late.

2.2 Despite the briefing session being non-compulsory, Transnet nevertheless encourages all Respondents to attend. Transnet will not be held responsible if any Respondent who did not attend the non-compulsory session subsequently feels disadvantaged as a result thereof.

2.3 Respondents are encouraged to possess a copy of the RFP to the RFP briefing.

Briefing Session Link

Microsoft Teams meeting

Join:

https://teams.microsoft.com/meet/367033259537372?p=gNyqGyUcqPMnvOdDXA

Meeting ID: 367 033 259 537 372

Passcode: RZ7om2wY

3 PROPOSAL 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:
   a) Log on to the Transnet eTenders management platform website/ Portal (transnetetenders.azurewebsites.net)
   b) Click on "ADVERTISED TENDERS" to view advertised tenders;
   c) Click on "SIGN IN/REGISTER –to register new bidder information and ensure that all mandatory information is completed) OR;
   d) to sign in if already registered;
   e) Toggle (click to switch) the "Log an Intent" button to submit a bid;
   f) Submit bid documents by uploading them into the system against each tender selected.
   g) Respondents are to submit bid documents by uploading them onto the Transnet system against each tender selected. A Bidder can upload 30mb per upload and multiple uploads are permitted.
   h) Bidders should ensure that electronic bid submissions are submitted at least a day before the closing date and bidders should not wait for the last hour before the deadline to submit. This is to enable them to timeously address issues which they may encounter due to internet speed, bandwidth or the size of the number of uploads being submitted. Transnet will not be held liable for any challenges experienced by bidders as a result of their own technical challenges.
   i) No late submissions will be accepted. The bidder guide can be found on the Transnet Portal transnetetenders.azurewebsites.net
   j) Each company must register its own profile using its company details and use the corresponding registered profile to log an intent to bid as well as submitting any bid.
   k) Transnet will not accept a bid or will disqualify a bidder who submits a bid in the Transnet e-tender submission through another bidders'/Company's profile. In other words, each bidder must register the intent to bid and submit its bid through its own profile under the same company name that will eventually bid for the tender. No company shall submit a bid on behalf of another company regardless of the company being a subsidiary or holding company.
   l) In case of a Joint Venture, any of the parties/companies to the Joint Venture may use its registered profile to submit a bid on behalf of the Joint Venture.
   m) A detailed bidder guide can be found on the Transnet Portal transnetetenders.azurewebsites.net

4 CONDITIONS OF CONTRACT

4.1 Where Transnet has identified opportunities of economic transformation and empowerment, Transnet will incorporate a contractual obligation for the winning bidder to execute the identified transformation objective as a condition of contract.

4.2 Each bidder interested in participating in this tender should be cognisant that it is a condition of contract the winning bidder will be required to contract with Transnet on the following transformation initiative:

a) Subcontracting

4.3 The bidder will be required to sub-contract a minimum of 30% of the total value of the contract.

4.4 The successful bidder(s) will be required to meet the requirements of any condition stated in this section. **Failure to meet any of the conditions**, may result in the contract not being concluded between Transnet and the successful bidder.

5 RFP INSTRUCTIONS

5.1 Please sign documents [sign, stamp and date the bottom of each page] before uploading them on the system. The person or persons signing the submission must be legally authorised by the respondent to do so.

5.2 **All returnable documents tabled in the Proposal Form [Section 5] must be returned with proposals.**

5.3 Unless otherwise expressly stated, all Proposals furnished pursuant to this RFP shall be deemed to be offers. Any exceptions to this statement must be clearly and specifically indicated.

5.4 Any additional conditions must be embodied in an accompanying letter. Subject only to clause 15 [Alterations made by the Respondent to Bid Prices] of the General Bid Conditions, paragraph 12 below (Legal Review) and Section 6 of the RFP, alterations, additions or deletions must not be made by the Respondent to the actual RFP documents.

6 JOINT VENTURES OR CONSORTIUMS

Respondents who would wish to respond to this RFP as a Joint Venture [**JV**] or consortium with B-BBEE entities, must state their intention to do so in their RFP submission. Such Respondents must also submit a signed JV or consortium agreement between the parties clearly stating the percentage [%] split of business and the associated responsibilities of each party. If at the time of the bid submission such a JV or consortium agreement has not been concluded, the partners must submit confirmation in writing of their intention to enter into a JV or consortium agreement should they be awarded business by Transnet through this RFP process. This written confirmation must clearly indicate the percentage [%] split of business and the responsibilities of each party. In such cases, award of business will only take place once a signed copy of a JV or consortium agreement is submitted to Transnet.

Respondents are to note that for the purpose of Evaluation, a JV will be evaluated based on one consolidated B-BBEE score card (a consolidated B-BBEE Status Level verification certificate) Preference points will be awarded to a bidder for attaining the specific goals requirements in accordance with the table indicated in Section 4.1 of the specific goals Claim Form.

7 COMMUNICATION (CLARIFICATIONS AND COMPLAINTS)

7.1 For specific clarification relating to this RFP, an RFP Clarification Request Form should be submitted to [**Reetsang.Modise@transnet.net**] before **16:00 pm** on **09 October 2026,** substantially in the form set out in Section 8 hereto. In the interest of fairness and transparency, Transnet's response to such a query will be published on the e-tender portal and Transnet website.

7.2 Specific complaints relating to this RFP before or after the closing date should be formally submitted by emailing to groupscmcomplaints@transnet.net. Once the complaint has been submitted, the Transnet SCM Complaints office will acknowledge your complaint and send you a complaint form for completion.

7.3 After the closing date of the RFP, a Respondent may only communicate with the name of delegated individual **(~~Barbara Msomi~~ Malemane Malatsi),** at telephone number **011 309 7438 ~~011 308 1892~~**, email Malemane.Malatsi@transnet.net ~~Barbara.Msomi@transnet.net~~ on any matter relating to its RFP Proposal.

7.4 Respondents are to note that changes to its submission will not be considered after the closing date.

7.5 It is prohibited for Respondents to attempt, either directly or indirectly, to canvass any officer or employee of Transnet in respect of this RFP between the closing date and the date of the award of the business.

7.6 Respondents found to be in collusion with one another will be automatically disqualified and restricted from doing business with organs of state for a specified period.

7.7 Transnet will publish the outcome of this RFP in the National Treasury e-tender portal and Transnet website with 10 days after the award has been finalised. Respondents are required to check the National Treasury e-tender Portal and Transnet website for the results of the tender process. All unsuccessful bidders have a right to request Transnet to furnish reasons for their bid not being successful. This requested must be directed to the contact person stated in the SBD 1 form

8 CONFIDENTIALITY

All information related to this RFP is to be treated with strict confidence. In this regard Respondents 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 related to this RFP or the subsequent contract, written approval must be obtained from Transnet.

9 COMPLIANCE

The successful Respondent [hereinafter referred to as the [**Supplier/Service provider**] shall be in full and complete compliance with any and all applicable laws and regulations.

10 EMPLOYMENT EQUITY ACT

Respondents must comply with the requirements of the Employment Equity Act 55 of 1998 applicable to it including (but not limited to) Section 53 of the Employment Equity Act.

11 DISCLAIMERS

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

11.1 modify the RFP's Goods/Services;

11.2 award a contract in connection with this Proposal at any time after the RFP's closing date;

11.3 award a contract for only a portion of the proposed Goods/Services which are reflected in the scope of this RFP;

11.4 split the award of the contract between more than one Supplier/Service provider, as may be explicitly articulated in the conditions or objective criteria to this RFP;

11.5 cancel the bid process;

11.6 validate any information submitted by Respondents in response to this bid. This would include, but is not limited to, requesting the Respondents to provide supporting evidence. By submitting a bid, Respondents hereby irrevocably grant the necessary consent to Transnet to do so;

11.7 request audited financial statements or other documentation for the purposes of a due diligence exercise;

11.8 not accept any changes or purported changes by the Respondent to the bid rates after the closing date and/or after the award of the business, unless the contract specifically provided for it;

11.9 to cancel the contract and/request that National Treasury place the Respondent on its Database of Restricted Suppliers for a period not exceeding 10 years, on the basis that a contract was awarded on the strength of incorrect information furnished by the Respondent or on any other basis recognised in law;

11.10 to award the business to the next ranked bidder, provided that he/she is still prepared to provide the required Goods at the quoted price, should the preferred bidder fail to sign or commence with the contract within a reasonable period after being requested to do so. Under such circumstances, the validity of the bids of the next ranked bidder(s) will be deemed to remain valid, irrespective of whether the outcome of the tender has been published the outcome of the bid process on the National Treasury e-tender Portal and Transnet website. Bidders may therefore be requested to advise whether they would still be prepared to provide the required Goods at their quoted price.

11.11 Request a bidder to furnish further information relating to its Environmental, Social and Governance (ESG) standing at any stage of the procurement or contracting process. This information may not be used for purposes of evaluation and/or disqualify bidder, but may be use for purpose of record and analysis of ESG compliance.

11.12 Where sub-contracting is applied in a tender, conduct due diligence assessment on the sub-contractor(s) and this may entail requesting the bidder to provide further information relating to the sub-contractor(s) or directly requesting the information from the sub-contractor(s) as well as conducting any necessary investigations on the sub-contractor(s) to detect issues of "FRONTING".

Note that Transnet will not reimburse any Respondent for any preparatory costs or other work performed in connection with its Proposal, whether or not the Respondent is awarded a contract.

12 LEGAL REVIEW

A Proposal submitted by a Respondent will be subjected to review and acceptance or rejection of its proposed contractual terms and conditions by Transnet's Legal Counsel, prior to consideration for an award of business. A material deviation from the Standard terms or conditions could result in disqualification.

13 SECURITY CLEARANCE

Acceptance of this bid could be subject to the condition that the Successful Respondent, its personnel providing the Goods/Services and its subcontractor(s) must obtain security clearance from the appropriate authorities to the level of **CONFIDENTIAL/ SECRET/TOP SECRET**. Obtaining the required clearance is the responsibility of the Successful Respondent. Acceptance of the bid is also subject to the condition that the Successful Respondent will implement all such security measures as the safe performance of the contract may require.

TRANSNET URGES ITS CLIENTS, SUPPLIERS AND THE GENERAL PUBLIC TO REPORT ANY FRAUD OR CORRUPTION TO



SECTION 3: BACKGROUND, OVERVIEW AND SCOPE OF REQUIREMENTS

1 BACKGROUND

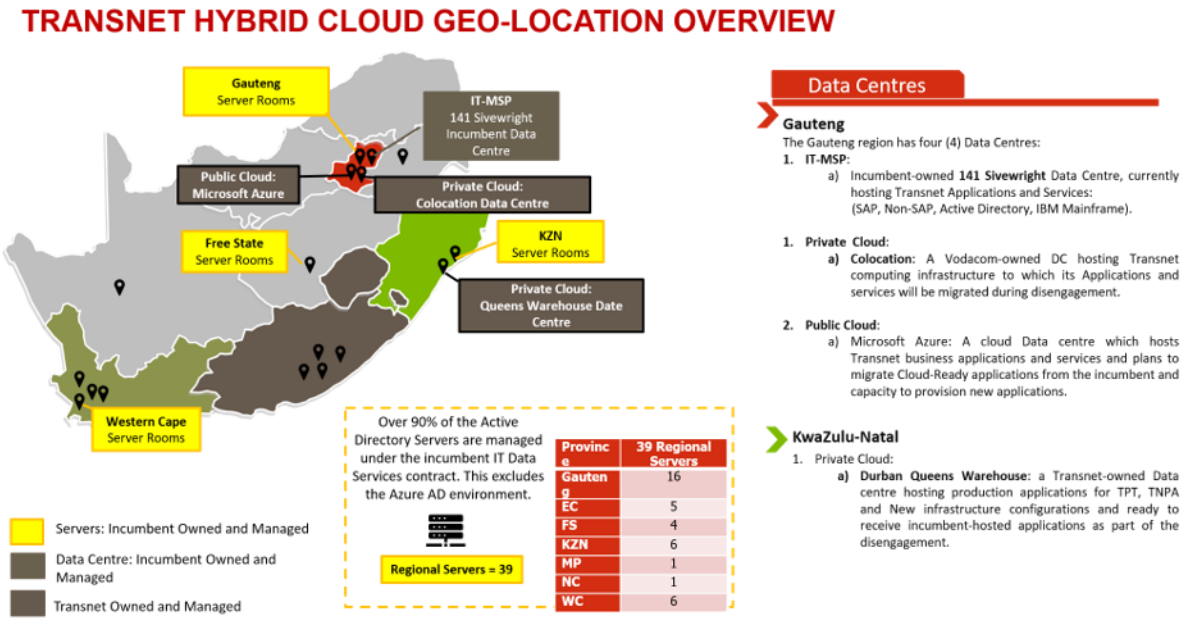
As part of the ICT modernasation strategy to modernize the datacentre and hosting infrastructure. Transnet initially went out to the market in readiness for the IT Data Service disengagement of the contract. The initial RFP was guided by a set of critical application ear marked for on-premise private cloud environment. Upon the completion of the application assessment developed in 2023 and shared by the Group ICT applications function head working closely with the application from the operating divisions (TCC, TFR, TRIM, TP, TE) resulted into the RFP that led to the current configured private cloud infrastructure environment Queens Warehouse and Vodacom Datacentre.

The list consisted of applications destined for public cloud and on-premises private cloud. However , after further reassessment with a series of technical deep dive sessions which included the Information Technology Managed Service (IT-MSP) along with Microsoft and Altron it was determined that the application list aforementioned in section 2 required further revision due to changes such as the availability of more advanced technical tools that assisted in directing which application can be seamlessly migrated with minimal disruptions from 141 datacentre to the private cloud environment. According to the strategic execution plan guided by the technical deep dive sessions, it led to some non-SAP applications (Azure VMWare Solution) and SAP applications destined for Microsoft Azure. The SAP architectural designs were approved and work order signed which would enable Microsoft Azure migration.

Hence, we have got the right Microsoft Azure Cloud Service Provider (CSP) contract. The remainder of the non-SAP including x86 legacy applications would be migrated to the Queens Warehouse and Vodacom Colocation data centres.

The Group Chief Information Officer proposed that all operating divisions consolidate their infrastructure requirements so that Transnet can go on a single procurement event with consolidated requirements. Thereby eliminating delays and disparate systems.

Below is the layout of the geo-location covering the various point of production to which the infrastructure in question is located and to be further distributed upon the completion of the procurement event. Further the diagram provides a high-level summary of the functions and services being attended to:



2 EXECUTIVE OVERVIEW

Whereas Transnet is seeking a partner(s) to provide solutions for the **Provisioning Of Hardware, Architecture, Designing, Purchase and Software of Infrastructure for Transnet Port Terminals (TPT), Transnet National Ports Authority (TNPA) And Transnet Corporate Centre (TCC) for a period of five (05) years** nationally, it also seeks to improve its current processes for providing these Goods/Services to its end user community throughout its locations.

The selected Supplier/Service provider(s) must share in the mission and business objectives of Transnet. These mutual goals will be met by meeting contractual requirements and new challenges in an environment of teamwork, joint participation, flexibility, innovation and open communications. In this spirit of partnership, Transnet and its Supplier/Service provider(s) will study the current ways they do business to enhance current practices and support processes and systems. Such a partnership will allow Transnet to reach higher levels of quality, service and profitability.

Specifically, Transnet seeks to benefit from this partnership in the following ways:

2.1 Transnet must receive reduced cost of acquisition and improved service benefits resulting from the Supplier/Service provider's economies of scale and streamlined service processes.

2.2 Transnet must achieve appropriate availability that meets user needs while reducing costs for both Transnet and the chosen Supplier/Service provider(s).

2.3 Transnet must receive proactive improvements from the Supplier/Service provider with respect to supply/provision of Goods/Services and related processes.

2.4 Transnet's overall competitive advantage must be strengthened by the chosen Supplier/Service provider's leading edge technology and service delivery systems.

2.5 Transnet end users must be able to rely on the chosen Supplier/Service provider's personnel for service enquiries, recommendations and substitutions.

2.6 Transnet must reduce costs by streamlining its acquisition of Goods/Services, including managed service processes on a Group basis.

3 SCOPE OF REQUIREMENTS

The scope of work for the consolidated infrastructure covers Transnet Regional Datacentre Infrastructure Refresh, Transnet HCS Datacentre Infrastructure Additional Requirements, Replacement of the Hardware Infrastructure at Durban, Richards Bay, Cape Town, Port Elizabeth, Ngqura and East London as well as the supply, install and configuration of additional resources, on the existing the Huawei HCS 6.1 and provision private cloud disaster recovery Transnet National Ports Authority. The scope of work is covered into four (04) distinct parts.

- PART 1: TPT - REPLACEMENT OF THE HARDWARE INFRASTRUCTURE AT DURBAN, RICHARDS BAY, CAPE TOWN, PORT ELIZABETH, NGQURA AND EAST LONDON
- PART 2: TNPA - REQUEST FOR THE SUPPLY, INSTALL AND CONFIGURATION OF ADDITIONAL RESOURCES, ON THE EXISTING THE HUAWEI HCS 6.1 AND PROVISION PRIVATE CLOUD DISASTER RECOVERY (DR) SITE AND PROVIDE SUPPORT AND MAINTANANCE FOR THE PERIOD OF FIVE (5) YEARS.
- PART 3: TRANSNET REGIONAL DATACENTRE INFRASTRUCTURE REFRESH
- PART 4: TRANSNET HCS DATACENTER INFRASTRUCTURE ADDITIONAL REQUIREMENTS

PART 1: TPT - REPLACEMENT OF THE HARDWARE INFRASTRUCTURE AT DURBAN, RICHARDS BAY, CAPE TOWN, PORT ELIZABETH, NGQURA AND EAST LONDON.

INTRODUCTION

Transnet Port Terminals (TPT), a division of Transnet SOC Ltd, invites qualified bidders to replace the end-of-life hardware infrastructure across six ports: Durban, Richards Bay, Cape Town, Port Elizabeth, Ngqura, and East London. The proposed solution must include a five (5) year maintenance and support agreement.

As part of the hardware refresh initiative, servers will be categorized into two distinct types based on virtualization capability, workload specialization, and management requirements:

Virtualization Hosts

- Virtualized servers centrally managed using a supported management tool.
- Host multiple virtual machines.
- Connect to the enterprise storage infrastructure.

Standalone Machines

- Physical servers that are not managed by VMware due to hardware configuration constraints and software licensing models, some physical servers will be deployed as part of the hardware refresh project.
- It must include a dedicated management console for remote access, hardware diagnostics, power management (power up/down); and connect to the same enterprise storage as virtualization hosts.

BACKGROUND

TPT has deployed a mixture of virtualization and dedicated servers deployed in different sites namely. Durban, Richards Bay, East London, Port Elizabeth and Ngqura.

Current Virtualized Sites (VMware-based)

- **Locations:** Durban, Cape Town, and Ngqura Container Terminal (NCT)
- **Setup:** In Durban, all servers are virtual machines (VMs managed by VMware virtualization) except for the NAVIS database cluster, which is hosted on standalone machines due to its size and performance requirements.
- **Platform:** In Durban, it runs on Lenovo compute infrastructure. Uses IBM V7000 storage for both application and database workloads. Uses Veeam for bare metal VM backups, SQL Server database backups using SQL Server Management Studio, Oracle database backups using RMAN (Recovery Manager) scripts.

Current Standalone server sites

- **Locations**: Richards Bay (RCB), East London (EL), and Port Elizabeth (PE)
- **Setup:** Application and database servers are hosted on standalone physical machines. These servers are managed using Lenovo XClarity Administrator, providing centralized monitoring and lifecycle management.
- **Platform:** Utilizes Lenovo compute and IBM V7000 storage, ensuring consistency across environments. Uses Veeam for bare metal standalone machines and SQL Server database backups using SQL Server Management Studio.

Target Architecture

- **Virtualized Sites Compatible with Current VMware Virtualization:**
  Durban: All servers remain VMs except Navis servers.
  Cape Town and NCT: will remain the same.
  East London, RCB and Port Elizabeth: will be virtualized.
- **Standalone Server Sites:** Navis database servers.

GOODS REQUIREMENTS

TPT requires a complete turnkey solution for the deployment of new server infrastructure in data centres across the country (Port of Durban, Port of Richards Bay, Port of Cape Town, Port of Port Elizabeth, Port of Ngqura, and Port of East London). TPT will provide only the physical data centre facilities and LAN connectivity. The appointed service provider is responsible for supplying, implementing, and testing all required hardware, including,

- All applicable virtualization hardware (referred to virtualization hosts) across all data centers, must be compatible with current VMware deployment and Veeam backup solution. All virtualization licenses must be procured as a once-off transaction, in full compliance with OEM licensing regulations and policies in effect at the time the tender is advertised. The licenses must remain valid for a minimum period of five (5) years from the date of activation. The service provider is solely responsible for accurately determining and providing the required number of licenses based on the specifications and hardware outlined in this SOW.
- Dedicated compute servers not part of the virtualization environment.
- Enterprise SAN storage units with built-in WORM capabilities, built-in Secure snapshot, built-in Ransomware detection.
- On-premises air-gap enterprise backup storage (purpose-built backup appliance PBBA) for Durban site.
- SAN switches and networking components.
- Racks, power distribution units (PDU's), relevant power cables from PDU to servers, Single Phase (caravan plug) to PDU power cables.

- Where necessary, Keyboard, Video, Mouse (KVM) Switch, KVM Display, Keyboard, Mouse and necessary KVM Cable.

- Top of the Rack Switches, Fibre & CAt6 Cables, SFPs, Console & Console Cables, Rack

GOODS REQUIREMENTS PER SITE

Site 1: Durban

DURBAN PRODUCTION (PRD) SITE GOODS				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	2048	4	16	4
Virtualization Host	1024	2	16	2
Standalone Server	512	2	16	2
Standalone Server - SQL	8192	8	32	1
Standalone Server (HANA Certified – Intel, Server Not Appliance, may be used for Oracle Linux or Windows depending on Transnet requirements)	8192	8	24	1
Standalone Server (HANA Certified – Intel, Server Not Appliance, may be used for Oracle Linux or Windows depending on Transnet requirements)	8192	4	8	4
Standalone Server (HANA Certified – Intel, Server Not Appliance, may be used for Oracle Linux or Windows depending on Transnet requirements)	8192	8	16	1
ENTERPRISE STORAGE				
Description	**Storage Usable Size (TB)**	**Number of Storage Units Required**		
Flash (Hosts, HANA Certified)	300	1		

Flash (DEV & QA Host, HANA Certified)	200	1
Flash (Backup)	300	1

DURBAN DISASTER RECOVERY (DR) SITE GOODS				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	2048	4	16	4
Virtualization Host	1024	2	16	1
Standalone Server	128	2	16	2
Standalone Server - SQL	8192	8	32	1
Standalone Server (HANA Certified – Intel, Server Not Appliance, may be used for Oracle Linux or Windows depending on Transnet requirements)	8192	8	24	1
Standalone Server (HANA Certified – Intel, , Server Not Appliance, may be used for Oracle Linux or Windows depending on Transnet requirements)	8192	4	8	1
ENTERPRISE STORAGE				
Description	**Storage Usable Size (TB)**	**Number of Storage Units Required**		
Flash (Hosts, HANA Certified)	300	1		
PBBA – Air-gapped backup	500	1		
Flash (Backup)	300	1		

Site 2: Richards Bay

RICHARDS BAY PRIMARY SITE GOODS REQUIREMENTS				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	1024	4	16	2
Backup Server	128	2	16	1
ENTERPRISE STORAGE				
Description		**Storage Usable Size (TB)**		**Number of Storage Units Required**
Flash		60		1
Flash-Backup		120		1
RICHARDS BAY DR SITE GOODS REQUIREMENTS				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	1024	4	16	2
Backup Server	128	2	16	1
ENTERPRISE STORAGE				
Description		**Storage Usable Size (TB)**		**Number of Storage Units Required**
Flash		60		1
Flash-Backup		120		1

Site 3: Cape Town

CAPE TOWN PRIMARY SITE GOODS REQUIREMENTS				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	2048	4	16	2
Backup Server	128	2	16	1
ENTERPRISE STORAGE				
Description		**Storage Usable Size (TB)**		**Number of Storage Units Required**
Flash		100		1
Flash-Backup		150		1
CAPE TOWN DR SITE GOODS REQUIREMENTS				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	2048	4	16	2
Backup Server	128	2	16	1
ENTERPRISE STORAGE				
Description		**Storage Usable Size (TB)**		**Number of Storage Units Required**
Flash		100		1
Flash-Backup		150		1

Site 4: Port Elizabeth

PORT ELIZABETH PRODUCTION GOODS (NGQURA DR)
SERVERS

Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	2048	4	16	2
Backup Server	128	2	16	1

ENTERPRISE STORAGE		
Description	**Storage Usable Size (TB)**	**Number of Storage Units Required**
Flash	100	1
Flash-Backup	150	1

Site 5: Ngqura

NGQURA PRODUCTION GOODS (PORT ELIZABETH DR)				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	2048	4	16	2
Backup Server	128	2	16	1

ENTERPRISE STORAGE		
Description	**Storage Usable Size (TB)**	**Number of Storage Units Required**
Flash	100	1
Flash-Backup	150	1

Site 6: East London

EAST LONDON PRODUCTION SITE GOODS REQUIREMENTS				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	1024	4	16	2
Backup Server	128	2	16	1
ENTERPRISE STORAGE				
Description		**Storage Usable Size (TB)**		**Number of Storage Units Required**
Flash		60		1
Flash-Backup		120		1
EAST LONDON DR SITE GOODS REQUIREMENTS				
SERVERS				
Description	**Memory (GB) per Server**	**No of CPUs**	**No of Cores per CPU**	**Number of Servers Required**
Virtualization Host	1024	4	16	2
Backup Server	128	2	16	1
ENTERPRISE STORAGE				
Description		**Storage Usable Size (TB)**		**Number of Storage Units Required**
Flash		60		1
Flash-Backup		120		1

SERVICE REQUIREMENTS

Virtualization Deployment

- Examine the existing VMware environment to understand VM specifications, resource allocations, and network configurations.
- Install and configure virtualization hosts.
- Replicate VM configurations on the new infrastructure to match the existing setup.
- Install operating system on each VM as per the replicated configuration.
- Test Virtual Machines (VMs) Deployment.
- VM Configuration and Provisioning Sign-off per site as per Appendix A attached.
- Configure Disaster Recovery for VMs.

Configure resource pools to optimize workload performance and segregation.

Configure alerts

- Setup alerts across all virtualization hosts and virtual infrastructure components.
- Configure alert thresholds for CPU, memory, disk usage, and network performance based on best practices and business requirements.
- Integrate alerts with centralized monitoring tools.
- Classify and prioritize alerts to distinguish between critical, warning, and informational events.
- Automate alert responses, where applicable, include VM migration, resource reallocation, or snapshot cleanup.
- Generate regular reports on alert trends, root causes, and resolution times for performance review and capacity planning.

Standalone Server Implementation

- Identify existing standalone server configurations and document specifications.
- Install new standalone servers to mirror existing setups.
- Connect each standalone server to the enterprise storage.
- Validate storage connectivity and performance.

OS-Level Access Validation

- Confirm secure login access to each VM, standalone server (e.g. via RDP or SSH).
- Validate user credentials and access policies.

Establish DMZ

The service provider must configure DMZ for the servers deployed in the DMZ.

Exclusions

- Migration of Applications.
- Provision of Backup software. TPT has valid Veeam backup & replication software licenses.

Maintenance and Support

Support and Maintenance Requirements

- All supplied and implemented equipment must include 5-year maintenance and support, with the bidder providing 24x7x365 premium support**.**

- **SLA requirements as per table immediately below:**

Item	SLA
Remote Service Availability	24x7x365
Onsite Support – Production	≤ 4 hours
Onsite Support – Test & Dev	≤ 24 hours
Response Time – Critical	< 30 minutes
Response Time – Medium	< 45 minutes
Response Time – Low	< 1 hour
Replacement of Failed Components	≤ 48 hours

Note: TPT does not accept support models where the service provider supplies parts and expects the customer to perform installations. The service provider must dispatch a certified hardware engineer to site and complete all repairs themselves.

- Firmware maintenance must be scheduled according to OEM guidelines. Updates must minimize downtime, and backups must be performed beforehand to allow rollback if necessary.
- The bidder must have back-to-back agreements with OEMs**,** including warranties and guarantees. Any replaced component must be original and compatible.
- A fault logging procedure must be in place, and all relevant contact details (phone numbers and email addresses) must
  be handed over to the TPT Infrastructure team.
- Support personnel must be available for onsite fault resolution in all regions where hardware is deployed.

Comprehensive Onsite Hardware Support and Monitoring

The service provider must deliver comprehensive onsite hardware support with the following capabilities:

- **Proactive Monitoring**: Implement tools that detect hardware failures in real time and automatically alert support teams. This must include a feature that can automatically open support tickets and send diagnostic data to the service provider, enabling faster resolution without manual intervention.
- **Automated Fault Detection**: Identify hardware faults independently without relying on TPT reporting.
- **Scheduled Onsite Intervention**: Upon fault detection, promptly schedule a visit to the data centre to perform necessary repairs or replacements.
- **Preventive Maintenance**: Replace faulty components before cascading failures occur, thereby minimizing the risk of downtime.
- **Inventory and Logistics**: Maintain adequate stock of critical hardware components to ensure timely replacement.
- **Reporting and Communication**: Provide detailed incident reports and communicate resolution timelines to the TPT.
- **Post-Implementation Support**: Bidder must remain available for **6 months** after hardware deployment. The bidder must offer VMware-related support to the Veeam and Data specialists during the migration as and when needed.

- **Monthly Support Reports** must include issues encountered, infrastructure changes, monitoring alerts and actions taken; and VM and database migration dependencies addressed.
- The service provider must **host and chair monthly SLA meetings**. Meeting minutes, along with monthly reports, will serve as a basis for payment.

- If consulting hours are required that fall outside the scope of the 5-year maintenance and support, TPT expects the bidder to provide **200 post-paid man-hours**. These hours will be used only when needed after project completion.

8.3 Decommissioning of Old Hardware

After eight (8) months of stable operation, the service provider must:

- Power down and disconnect legacy systems
- Wipe or securely dispose of data on old hardware.
- Physically remove equipment from the data center to another storage location within Transnet premises.
- Working with TPT, update asset records and inventory.

8.4 Post-Deployment Clean-Up

Service provider must remove all cardboard boxes, packaging materials, and shipping crates associated with new hardware deployment. Also, ensure clean and safe data center environment post-commissioning. Service provider is expected to discard materials in compliance with site policies and recycling standards.

9. Payment Condition

9.1 Virtual Machine (VM) Deployment and Infrastructure Configuration.

9.2 VM deployment checklist signed for each port:

- Sign-off as per attached Appendix A.

9.3 A monthly support report from the service provider detailing**:**

- Issues resolved.
- Infrastructure changes.
- Monitoring alerts and actions taken.
- VM and database migration dependencies addressed.

9.4 SLA meeting minutes for each month.

9.5 Project Management Milestones

9.6 5-year Hardware Maintenance Certificate

9.7 Decommissioning of Old Hardware.

9.8 Documentation.

9.9 Skills Transfer to 12 (twelve) TPT administrators.

9.10 Post-Deployment Clean-Up.

9.11Post-Implementation Support

- Sign-off as per **Appendix B**: 6-Month_Post_Implementation_Support_Checklist

10. Post-Implementation Support Commitment for 6 months

Virtualization support for Veeam implementation post hardware implementation

The service provider is not required to be physically onsite; remote support is acceptable. They must remain on standby and help only when requested by the Veeam specialist for VMware-related tasks. The expected level of support is minimal, particularly after the setup is completed and first workload is backed up and able to be restored. However, the service provider must be available to offer support as needed to ensure continuity and address any unforeseen VMware dependencies during the Veeam specialist's activities. The service provider must support the Veeam specialist (who is part of the same programme but from a different service provider) responsible for application migration by resolving any infrastructure or VM-related dependencies required for successful backup, restore, or migration operations.

Virtualization support to Database Administrator performing migration post hardware implementation

The service provider is not required to be physically onsite; remote support is acceptable. They must remain on standby and help only when requested by the database specialist for VMware-related tasks. The expected level of support is minimal, particularly after the first database of an application is migrated. However, the service provider must be available to offer support as needed to ensure continuity and address any unforeseen VMware dependencies during the Veeam specialist's activities. The service provider (who is part of the same programme but from a different service provider) must work closely with the Oracle, SAP HANA, PostgreSQL and SQL Server database administrators to support zero-downtime migrations. If any infrastructure or VM-related dependencies arise that impact the database migration, the service provider is responsible for identifying and resolving them.

Project Management and Governance

Project Manager

The service provider must establish a formal project governance structure and assign a dedicated Project Manager (PM) to oversee the successful delivery of the hardware refresh project. The Project Manager will be responsible for day-to-day coordination, progress tracking, issue resolution, and ensuring that all deliverables are met across all sites. The governance framework must include:

- A dedicated Project Manager from the service provider, accountable for overall coordination, execution, and delivery of the project.
- A Project Steering Committee comprising representatives from TPT ICT, the service provider, and key stakeholders from each port.
- Regular engagement through weekly status meetings and monthly steering committee reviews to

monitor progress, manage risks, and ensure alignment with project objectives.

Project Phases and Deliverables

The project shall be executed in the following phases:

Initiation & Planning

- Finalization of project charter and scope.
- Approval of Safety file for all sites.
- Site readiness assessments.
- Risk and issue register setup.

Design & Procurement

- Finalization of the solution architecture.
- Hardware and software procurement.
- Delivery scheduling and logistics planning.

Implementation

- Hardware installation and cabling.
- VMware and SAN configuration.
- Site-specific deployments and validations.

Testing & Handover

- VM provisioning and DR setup.
- Performance and failover testing.
- Sign-off per port (Annexures A–F).

Post-Implementation Support

- 6-month support period.
- 5-year maintenance and support.
- Monthly reporting and SLA meetings.
- Final project closure report.

Roles and Responsibilities

Role	Responsibility
TPT Project Sponsor	Executive oversight and approvals
TPT ICT Lead	Coordination with internal teams and stakeholders
Service Provider PM	Day-to-day project execution and reporting
Technical Leads	Implementation, testing, and documentation
Support Engineers	Onsite/remote support during and after deployment

Communication and Reporting

- Weekly progress reports to TPT ICT.
- Monthly SLA and support reports.
- Risk and issue logs updated in real-time.
- Change requests are managed through a formal Change Control Process.

Quality Assurance

- All deliverables to be reviewed and signed off by TPT.
- VMware and hardware checklists to be completed per site.
- Compliance with TPT's ICT standards and security policies.

Documentation & Operational Deliverables

Project Implementation Plan with the GANTT Chart

Virtualization Standard Operating Procedures (SOPs)

- Provisioning and decommissioning of the VMs.
- Adding/removing hosts in cluster.
- VM snapshot lifecycle and cleanup policy.
- Management of alerts, failures, and log review.
- Capacity Management.
- Lifecycle Manager Usage.

- Guide to using virtualization hosts patching and driver updates.
- Firmware management workflow.
- Housekeeping & Monitoring Tasks:
- Daily/weekly/monthly tasks.
- Check snapshot sizes and orphaned VMs.
- Disk space monitoring for datastores.
- Health status of clusters and hosts.
- Log rotation and archival.
- Review of alerts from central management console.

Checklist templates for operational teams on monthly maintenance.

Knowledge & Skills Transfer Plan

- Live walkthrough with internal IT team covering: Hardware Deployment, Network design, SOPs, and vCenter consoles.
- Delivery of all documentation in editable formats (Word, Visio, Excel, PDF).
- Formal handover (Sign-off) and project close-out.

Appendix A: VM Configuration and Provisioning sign-off per site

13.1 1. **Virtualization Environment**

☐ Confirm Virtualization services are running.

☐ Check installation logs for errors or warnings.

13.2 2. **VM Power-On and Access**

☐ Power on existing VMs or create new ones.

☐ Open VM console and verify interaction (keyboard/mouse).

☐ Log in to each VM using provided credentials.

☐ Confirm domain join (if applicable).

13.3 3. **VM Configuration Validation**

☐ Verify number of vCPUs matches requested capacity.

☐ Verify allocated RAM matches requested capacity.

☐ Check disk size and partitioning.

☐ Confirm correct network adapter and VLAN assignment.

13.4 4. **Connectivity and Tools**

☐ Ensure Virtualization Tools are installed and running(if applicable)

☐ Confirm VM receives an IP address.

☐ Ping gateway and external IPs.

☐ Test DNS resolution and internet access.

13.5 5. **Functionality Tests**

☐ Take a snapshot of the VM.

☐ Make a change and revert to snapshot to confirm functionality.

☐ Perform graceful shutdown and restart from inside the VM.

☐ Perform shutdown and restart from vSphere interface.

13.6 6. **Log and Health Checks**

☐ Review system logs for errors or warnings.

☐ Check application logs if applicable.

13.7 7. **DMZ Configuration Tests**

☐ Verify virtual switches for internal, DMZ, and external zones.

☐ Confirm firewall rules are applied correctly.

☐ Test access restrictions between zones.

☐ Validate public-facing services are isolated in the DMZ.

13.8 8. **Virtualization Alerts and Monitoring**

☐ Configure alert thresholds (CPU, memory, disk, network).

☐ Confirm alerts are integrated with monitoring tools.

☐ Classify alerts (critical, warning, informational).

☐ Test automated responses (e.g., VM migration).

☐ Generate and review alert reports.

13.9 9. **Default Username and Passwords**

☐ List of default users and their passwords.

☐ Change default passwords, using Transnet standard where possible.

☐ Securely share the new passwords with TPT.

Appendix B: Six-Month_Post_Implementation_Support_Checklist:

13.10 **1. Remote Support Availability**

☐ Service provider is available remotely for the full six-month post-implementation period.

☐ Support is standby-only and triggered by requests from Veeam or database specialists.

☐ No onsite presence is required unless explicitly requested.

13.11 **2. SLA Meetings**

☐ Monthly SLA meetings are scheduled and chaired by the service provider.

☐ Meeting minutes are recorded and submitted.

☐ Stakeholder feedback is collected and reviewed.

13.12 **3. Monthly Reporting**

☐ Monthly support report includes issues and resolved issues, infrastructure changes, monitoring alerts, and any other related matter.

☐ VM and database migration dependencies are documented.

☐ Reports are submitted on time and reviewed during SLA meetings.

13.13 **4. Issue Resolution**

☐ All reported issues are addressed within agreed SLA timeframes.

☐ Support actions are logged and tracked.

☐ Recurring issues are escalated and resolved.

13.14 **5. Migration Dependency Support**

☐ Support is provided to Veeam and database specialists for virtualization-related tasks.

☐ Infrastructure or VM-related dependencies are resolved promptly.

☐ Support level decreases after initial configuration and first successful migration.

13.15 **6. Hardware Diagnostics and Warranty Replacement**

☐ Perform diagnostics on all deployed hardware components.

☐ Identify and document any defective hardware.

☐ Coordinate warranty replacement with hardware vendors.

☐ Ensure replacement hardware is installed and validated.

13.16 **7. Virtualization Support Handover**

☐ Prepare and deliver as-built documentation for Virtualization infrastructure.

☐ Conduct handover session with TPT technical staff covering Virtualization configuration and operations.

☐ Ensure TPT technical staff have access to Virtualization management tools and credentials.

☐ Provide final support summary and recommendations for ongoing operations.

☐ Change default passwords and securely handover password list to TPT technical staff.

PART 2: TNPA - REQUEST FOR THE SUPPLY, INSTALL AND CONFIGURATION OF ADDITIONAL RESOURCES, ON THE EXISTING THE HUAWEI HCS 6.1 AND PROVISION PRIVATE CLOUD DISASTER RECOVERY (DR) SITE AND PROVIDE SUPPORT AND MAINTANANCE FOR THE PERIOD OF FIVE (5) YEARS.

1. Purpose

The purpose of this scope of work is to outline the requirements and deliverables for the supply of additional resources, installation, configuration, and support of the Huawei HCS 6.1 infrastructure to enhance and modernize the Transnet National Ports Authority (TNPA) Data Center Environment. This initiative aims to provide a robust, scalable, and high-performing infrastructure platform to support TNPA's SAP S/4HANA on-premises system and establish a Private Cloud Disaster Recovery (DR) site.

The implementation of the additional resources for the S4 Hana environment on the existing TNPA Huawei HCS 6.1 infrastructure will ensure improved system performance, enhanced data protection, and increase system availability. This enhancement will strengthen TNPA's overall infrastructure in alignment with the organizations ICT strategic objectives.

2. Background

Transnet National Ports Authority (TNPA) implemented the Huawei HCS 6.1 infrastructure in 2022 as part of its data center modernization initiative to support critical business systems and improve ICT operational efficiency. The existing environment provides the foundation for TNPA's core applications, including the
SAP landscape and other enterprise workloads.

As TNPA continues its digital transformation journey, additional infrastructure resources are now required to support the deployment and optimization of the SAP S/4HANA on-premise environment and the Private Cloud Disaster Recovery (DR) site. These enhancements will expand the capacity and performance of the current Huawei HCS 6.1 platform, ensuring greater scalability, system resilience, and business continuity.

The upgraded infrastructure will further align with TNPA's ICT strategic objectives of strengthening system availability, enhancing data protection, and supporting mission-critical operations across all ports and business units.

3. Scope of Work

The vendor shall be responsible for the following:

3.1 Expansion of Existing Environment On-premise Requirement

- Provision of compute capacity consisting of 4 x 2.2GHz / 24-Core processors.
- Provision of 10 TB of system memory to support SAP HANA in-memory database performance requirements.
- Supply and configuration of 20 of high-performance storage for SAP S4 HANA data and system files.

3.2 **Private Cloud Disaster Recovery Site (Incl. Management Nodes)**

- Supply, installation, and configuration of 6 compute nodes each with 2.2GHz / 24-Core processors
- 30,818.94 GB (approx. 30 TB) of memory
- Provision of 800.49 TB of storage capacity to support DR replication, backups, and VM image retention.
- Deployment and configuration of 6 FusionSphere OpenStack licenses for hypervisor, Commvault and virtualization management.

3.3 **Support and Maintenance**

- Provision of 5-year warranty (including one year instore warranty) on the equipment.
- Vendor to provide post-deployment support including firmware updates, hardware replacement, and system optimization.
- Ongoing monitoring and maintenance in line with Huawei standards and TNPA IT policies.
- Response and resolution times aligned with Huawei Hi-Care SLA requirements.

4. Deliverables

- Fully installed and configured Huawei HCS 6.1 compute and storage infrastructure for both primary and DR sites.
- FusionSphere OpenStack hypervisor platform configured for workload management and failover.
- Documentation including installation reports, system configuration, and user guides.
- Integration with existing Huawei eSight for centralized monitoring and management.
- Provide onsite Training on the HCS 6.1 Environment during the implementation stage of the additional resources.

5. Acceptance Criteria

- Successful completion of installation and configuration as per specifications.
- Performance testing and validation of compute and storage functionality.
- Sign-off by TNPA IT Infrastructure and SAP teams confirming readiness for production use.

PART 3: TRANSNET REGIONAL DATACENTRE INFRASTRUCTURE REFRESH

1.0. OVERVIEW AND OBJECTIVES

1.1. Background

Transnet recently procure a Huawei Cloud Stack Solution – which is deployed in Durban Queens Warehouse and Johannesburg Vodacom Data Center. These two deployments will carter for Transnet's critical application computing needs. Both Data Center are built in a manner to provide computing requirements for all Transnet Operating Divisions. This Data Center deployment also looks at replacing the Gijima 141 Data Center. The refresh of the regional Data Center aims to do the same at the Transnet Regional Data Rooms where computing requirement are decentralized. However, based current One Computing Platform Strategy the refresh will enable Transnet to consolidate its computing requirements under one Computing Platform.

1.2. The Objective of the Regional Data Center Refresh

The previous incumbent contract has reached its end, and Transnet needs to action the following:

- Replace all the Infrastructure owned by Gijima in the regional Data Centers.
- Plan for business continuity – during and post Gijima's exit from Transnet owned Data Centers.
- Provide the same or better computing services in the regional data.
- Provide redundancy to all computing services.
- Ensure informational security.

1.3. Overview of "AS IS" Huawei Cloud Stack (HCS) Environment in Transnet

The current Huawei Cloud Stack (HCS) environment consists of a production site and a disaster recovery site, strategically located in Durban and Johannesburg Vodacom Data Center. The production site is hosted at Queens Warehouse Data Center, which supports various workloads, including production, development, and quality assurance (QAS). Meanwhile, the disaster recovery site is situated at the Johannesburg Vodacom Data Center. The existing disaster recovery configuration is flexible, allowing for adjustments as needed.

Both sites have the capability to provide disaster recovery solutions for one another, enhancing overall resilience.

This arrangement ensures that operations can continue seamlessly in the event of an outage at either location. Consequently, the infrastructure establishes a truly fault-tolerant computing solution to meet business continuity needs.

(i) The architecture of the existing environment is as per Figure 1 as follows.

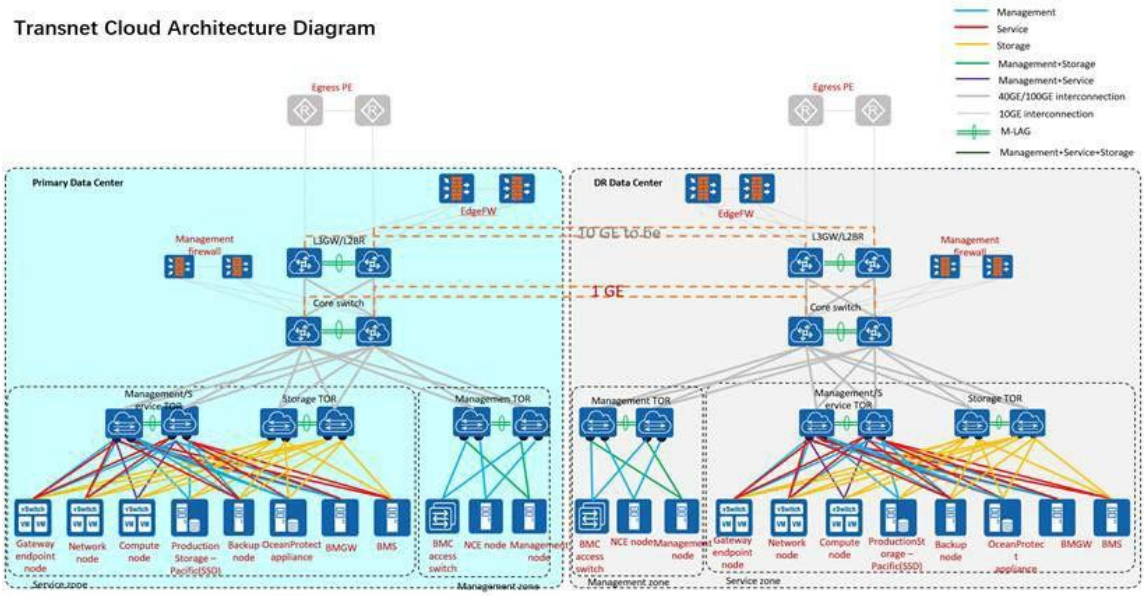


Figure 1: Existing HCS Environment Architecture

The features of this environment are available as per below:

- **Unified Cloud Platform**
  - A unified cloud platform can manage production data centre and disaster recovery data centre, reducing operation and maintenance cost.
  - A unified cloud platform can manage computing resource pool, network resource pool and storage resource pool to achieve resource sharing and maximize capacity utilization.
- **Storage replication-based disaster recovery solution**
  - Tenant-level disaster recovery provides self-help disaster recovery service, tenants choose VM to protect as they want.
  - The cloud platform issues instructions to storage to protect data and directly replicate data between storage to ensure high performance and security of data replication.

2.0. SCOPE OF WORK

2.1. "To be" Regional Cloud Datacentre Architecture

Bidders are required to add onto the current solution based on cloud architecture as per Figure 1 above, which enables unified management and deployment of the data centre to ensure its consistency and scalability throughout the Transnet landscape.

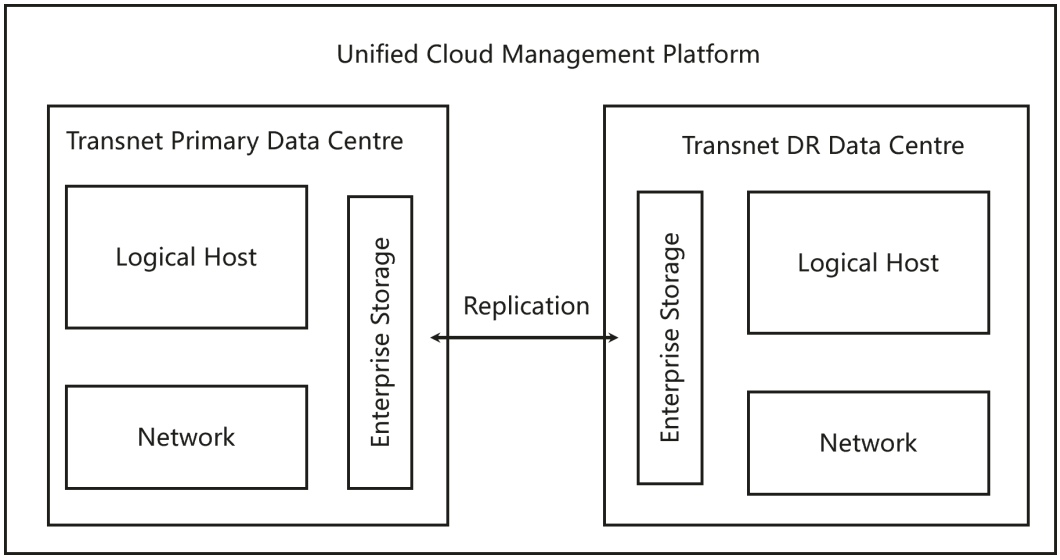


Figure 2: To be High Level HCS Datacentre Architecture

Transnet is considering executing the whole project in multiple phases according to the specific circumstances of the investment. Ideally, the main regional data centre in Pretoria Johannesburg, Durban and Cape Town, will be implemented in the first phase and the rest of the regional data centres will be implemented afterwards.

The proposed bidding solution must include both two phases cost separately as per the pricing schedule provided. The proposed regional Datacentre solution must have the following capabilities.

- **Unified cloud platform**
  - Unified cloud management platform that can manage all the regional data centres and disaster recovery data centre to meet the unified architecture and management, reducing management difficulty and costs.
- **Cloud platform compatibility**
  - Transnet is considering using Johannesburg and Durban data centres as an extension of the production computing environment - Integrated organization management,

Integrated authentication, Integrated quota management, Integrated metering, Integrated resource central management.

- **Storage layer replication**

  - Support storage layer replication between Transnet primary cloud data centre and regional data centre to realize a one computing platform to ensure high reliability and security of data.

The scope of the project consists of the supply, delivery, and commissioning of the regional datacentres which is the implementation of the data centre infrastructures, migration from the old environment to the new cloud data centres, and the technical support & maintenance thereof, for a 60-month (5years) period. The detailed of the scope is as follows:

Category	Requirements
Private Cloud Infrastructure Hardware	Server, Storage, Network and associated peripherals **1. Input and Management Devices** • Keyboard • Mouse • KVM (Keyboard, Video, Mouse) switches • Crash carts (portable monitor, keyboard, and mouse for server administration) • Touchscreen management consoles **2. Output Devices** • Monitors and display screens • LCD rack consoles • Network Operations Centre (NOC) display walls • Printers (for reports, labels, and documentation) **3. Storage Peripherals**

Category	Requirements
	• External hard drives • Storage Area Network (SAN) arrays • Network Attached Storage (NAS) devices • Tape libraries and tape drives for backups • Optical drives (where still required) **4. Networking Peripherals** • Network switches • Routers • Firewalls • Load balancers • Modems and gateway devices **5. Power and Environmental Peripherals** • Uninterruptible Power Supplies (UPS) • Power Distribution Units (PDUs) • Generator monitoring systems • Environmental sensors (temperature, humidity, water leak detection) **6. Security Peripherals** • Biometric access control devices • Smart card readers • CCTV cameras • Intrusion detection sensors • Rack access control systems

Category	Requirements
	7. Communication and Monitoring Devices • Console servers • Out-of-band management devices (iLO, iDRAC, IPMI) • Monitoring appliances • Alerting and telemetry systems
Private Cloud Software	Cloud capabilities-based software **1. Virtualization Platform** VMware vSphere Microsoft Hyper-V Nutanix AHV Fusion Sphere KVM (Kernel-based Virtual Machine) **2. Cloud Management Platform (CMP)** VMware Cloud Foundation (VCF) VMware Aria Suite OpenStack Red Hat OpenShift Microsoft Azure Stack HCI Huawei Cloud Stack **3. Self-Service Portal** User service catalog Automated provisioning Resource requests and approvals Chargeback and showback capabilities **4. Automation and Orchestration** Infrastructure-as-Code (IaC)

Category	Requirements
	Automated VM deployment Workflow automation Lifecycle management **5. Monitoring and Management** Performance monitoring Capacity management Log management Health and availability monitoring **6. Security and Compliance** Identity and Access Management (IAM) Multi-factor Authentication (MFA) Role-Based Access Control (RBAC) Security policies and compliance management **7. Backup and Disaster Recovery** Data protection Backup management Replication services Disaster recovery orchestration
Backup Environment	Backup software and backup hardware devices **8. Backup and Recovery Peripherals** • Backup appliances • Tape autoloaders • Replication devices • Disaster recovery storage systems
Implementation Service	1. **Infrastructure Deployment** Server installation and configuration Storage (SAN/NAS) implementation

Category	Requirements
	Network device installation (switches, routers, firewalls) Rack mounting and cabling **2. Operating System & Platform Setup** Windows Server and Linux installation Hypervisor deployment (VMware, Hyper-V, Nutanix) Virtual machine provisioning Cluster configuration **3. Network Configuration** LAN/WAN setup VLAN configuration Routing and switching configuration Network security implementation **4. Security Implementation** Firewall deployment Identity and Access Management (IAM) Multifactor Authentication (MFA) Security monitoring integration **5. Storage & Backup Configuration** SAN/NAS configuration Backup solution deployment Disaster Recovery (DR) setup Data migration services **6. Monitoring & Management** Infrastructure monitoring tools implementation Alerting and reporting configuration Asset discovery and inventory management Performance monitoring setup

Category	Requirements
	7. Testing & Commissioning System integration testing Failover testing Performance and load testing User Acceptance Testing (UAT) **8. Knowledge Transfer** Administrator training Operational handover SOP documentation Support transition
Maintenance and Support	Maintenance and Support - 60 Months **1. Preventive Maintenance** Regular health checks and inspections Firmware and software updates Hardware cleaning and servicing Capacity and performance assessments Power and cooling system inspections **2. Corrective Maintenance** Fault diagnosis and troubleshooting Hardware replacement and repairs Software bug fixes Configuration corrections System recovery following failures **3. Technical Support Services** 24x7 Help Desk support Incident management Problem management Remote and on-site support

Category	Requirements
	Escalation management **4. Infrastructure Support** Server support Storage support (SAN/NAS) Network support (switches, routers, firewalls) Virtualization platform support (example :VMware, Hyper-V, Nutanix) Cloud platform support **5. Security Support** Security patch management Vulnerability assessments Security monitoring Access control management Incident response support **6. Backup and Disaster Recovery Support** Backup monitoring and verification Restore testing Disaster Recovery (DR) testing Replication monitoring Recovery assistance during outages **7. Performance Management** System performance monitoring Capacity planning Resource optimization Availability management Service level monitoring **8. Vendor and Warranty Management** OEM support coordination Hardware warranty management Software support subscriptions

Category	Requirements
	Spare parts management Vendor escalation management

2.2. Specification of Transnet Regional Data Center

In line with Transnet cloud strategy and to accommodate the existing Transnet workloads that are currently accommodated/hosted on the old infrastructure, the bidder must design the solution as per the specifications set out in the below table:

1) Regional Site Server Specification:

Location	Province	Storage (960 GB)	RAM	CPU (2 (CPU x 16 Cores	Function
Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
GP_PRETORIA_CORNER PAUL KRUGER AND MINNAAR STREET_NZASM BUILDING	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
East London_Infrastructure Maintenance Building, 1A Cambridge Street	Eastern Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
KZN_DURBAN_NEW STATION BUILDING	Kwa Zulu Natal	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server

Location	Province	Storage (960 GB)	RAM	CPU (2 (CPU x 16 Cores	Function
WC_CAPE TOWN_PROPNET BUILDING	Western Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
KZN_DURBAN_NEW STATION BUILDING	Kwa Zulu Natal	960 GB	64 GB	2 (CPU	Domain Controller
				x 16 Cores	/Printer Server
WC_SALDANHA	Western Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
EC_PORT ELIZABETH_NORTH END_CORNER BROAD AND PATERSON ROAD	Eastern Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
EC_PORT ELIZABETH_NORTH END_CORNER BROAD AND PATERSON ROAD	Eastern Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
FS_BLOEMFONTEIN	Free State	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
FS_BLOEMFONTEIN	Free State	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server

KZN_EMPANGENI	Kwa Zulu Natal	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
WC_CAPE TOWN_PROPNET BUILDING	Western Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
EC_UITENHAGE_MEW	Eastern Cape	960GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server

KZN_DURBAN_BAYHEAD_PORT OF DURBAN_20 LANGEBERG ROAD	Kwa Zulu Natal	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
MP_NELSPRUIT_1 ANDREW STREET_MAIN BUILDING CONTROL POINT 1 DTC PoP	Mpumalanga	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
WC_SALDANHA_SALKOR BUILDING	Western Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
Kimberley JW Sauer Building, Cnr Quinn & Roper Street	Northern Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
FS_BLOEMFONTEIN	Free State	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
GP_GERMISTON_CTC BUILDING	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
WC_MOSSEL BAY_MOSSEL BAY HARBOUR	Western Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
GP_PRETORIA_CORNER PAUL KRUGER AND MINNAAR STREET_NZASM BUILDING	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server

Port Elizabeth_Ngqura Container	Eastern Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
Bloemfontein_Rail Engineering Building, Transnet Road	Free State	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
KZN_DURBAN_3113 SOLOMON MAHLANGU STREET	Kwa Zulu Natal	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	960GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server

Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
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KZN_RICHARDS BAY_HARBOUR_VENTURA ROAD_BAYVIEW CENTRE	Kwa Zulu Natal	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
GP_PRETORIA_KILNER PARK_160 LYNETTE STREET	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
GP_PRETORIA_KILNER PARK_160 LYNETTE STREET	Gauteng	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server
WC_CAPE TOWN_19 VOORTREKKER ROAD	Western Cape	960 GB	64 GB	2 (CPU x 16 Cores	Domain Controller /Printer Server

2) Regional Site Switches/Firewalls Specification:

Location	Province	Switch	Firewall	Function
Bloemfontein_Rail Engineering Building, Transnet Road	Free State	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
Doornfontein_141 Sivewright Avenue, 141 Sivewright Building	Gauteng	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
East London_Infrastructure Maintenance Building, 1A Cambridge Street	Eastern Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection

Location	Province	Switch	Firewall	Function
EC_PORT ELIZABETH_NORTH END_CORNER BROAD AND PATERSON ROAD	Eastern Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
EC_UITENHAGE_MEW	Eastern Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
FS_BLOEMFONTEIN	Free State	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
GP_GERMISTON_CTC BUILDING	Gauteng	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
GP_PRETORIA_CORNE R PAUL KRUGER AND MINNAAR STREET_NZASM BUILDING	Gauteng	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
GP_PRETORIA_KILNER PARK_160 LYNETTE STREET	Gauteng	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
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KZN_DURBAN_3113 SOLOMON MAHLANGU STREET	Kwa Zulu Natal	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
KZN_DURBAN_BAYHEA D_PORT OF DURBAN_20 LANGEBERG ROAD	Kwa Zulu Natal	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
KZN_DURBAN_NEW STATION BUILDING	Kwa Zulu Natal	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
KZN_EMPANGENI	Kwa Zulu Natal	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection

Location	Province	Switch	Firewall	Function
KZN_RICHARDS BAY_HARBOUR_VENTU RA ROAD_BAYVIEW CENTRE	Kwa Zulu Natal	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
MP_NELSPRUIT_1 ANDREW STREET_MAIN BUILDING CONTROL POINT 1 DTC PoP	Mpumala nga	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
Port Elizabeth_Ngqura Container	Eastern Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
WC_CAPE TOWN_19 VOORTREKKER ROAD	Western Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection

Location	Province	Switch	Firewall	Function
WC_CAPE TOWN_PROPNET BUILDING	Western Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
WC_MOSSEL BAY_MOSSEL BAY HARBOUR	Western Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
WC_SALDANHA	Western Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection
WC_SALDANHA_SALKO R BUILDING	Western Cape	Dual switches (support 48*10GE and 6*100GE)	One firewall with throughput 50 Gbit/s	Provide security network access and interconnection

3) Regional Site Storage Specification:

Province	Production Storage	Backup Storage	Function
Gauteng	All-flash storage with 80TB effective capacity	All-flash backup storage appliance with 100TB effective capacity	Provide data capacity for all sites in Gauteng province.
Western Cape	All-flash storage with 80TB effective capacity	All-flash backup storage appliance with 100TB effective capacity	Provide data capacity for all sites in Western Cape province.
Free State	All-flash storage with 80TB effective capacity	All-flash backup storage appliance with 100TB effective capacity	Provide data capacity for all sites in Free State province.

Province	**Production Storage**	**Backup Storage**	**Function**
Kwa Zulu Natal	All-flash storage with 80TB effective capacity	All-flash backup storage appliance with 100TB effective capacity	Provide data capacity for all sites in Kwa Zulu Natal province.
Eastern Cape	All-flash storage with 80TB effective capacity	All-flash backup storage appliance with 100TB effective capacity	Provide data capacity for all sites in Eastern Cape province.
Mpumalanga	All-flash storage with 80TB effective capacity	All-flash backup storage appliance with 100TB effective capacity	Provide data capacity for all sites in Mpumalanga province.

2.3. Specification of Implementation and Maintenance

The Contractor should be present when the goods are delivered to help with logistics and to help verify that all goods have been received and that nothing is short delivered. The implementation and maintenance services are as follows:

a) High level design and low-level design for the cloud solution to ensure the solution meets the requirements outline in this RFP Transnet process. The design must be approved by Transnet Architecture before any execution of the implementation in the data centres.

b) Hardware installation and commissioning: The hardware must be delivered to data centres, assembled, installed, powered up and connected to the network.

c) Software configuration: Set up the cloud environment, create the corresponding capacities for each application or database, the operational guide should be provided after the software configurations completed as a proof of configurations.

d) Backup and disaster recovery: The backup and disaster recovery solution should be configured to protect the data and service.

e) Workloads migration: Hardware data transfer utilities can be used for all workloads, and the target environment should work with minor change, if the target environment is also Intel. Changing the platform would require a migration plan. The migration plan should be approved by Transnet Architecture before any migration or cutover happens on the live environment. The workloads detailed information will be provided by Transnet when the project implementation starts.

f) Hardware maintenance specification: Post implementation maintenance for a period of 5 years; Hardware maintenance should include but not limited to the following aspects:

- ✓ Routine and proactive maintenance of hardware, including microcode and firmware upgrades to prevent hardware failures.

- ✓ Source, deliver, and install hardware spares when hardware failure occurs.
- ✓ The service provider must provide 24 x 7 x 365 same day remote and onsite technical expertise support.
- ✓ OEM hardware maintenance and not 3rd party maintenance is required.
- ✓ Hardware replacement parts must be brand new, genuine, compatible, and equivalent in performance to existing parts and certified by the OEM.
- ✓ All work, including spares must be accompanied by applicable warranties and/or guarantees.
- ✓ Where possible, hardware maintenance must be done without the interruption to business. In cases where downtime is required, the service provider must negotiate with Transnet for a downtime period which will be after normal working hours or weekends.
- ✓ The service provider must have an established service desk and incident management process.

Service Item	**Service Coverage Window**
Remote Service Centre	Available 24 hours a day, 7 days a week; Responding within 30 minutes;
Spares	Available 9 hours a day, 5 days a week. Spare parts should arrive within the next Business Day (NBD);
Onsite replacement	Available 9 hours a day, 5 days a week. Field engineers should arrive at the site within the next Business Day (NBD);
Faulty parts collections	Available 9 hours a day, 5 days a week;
Operating System Software Updates	Patches and minor releases of OS Software Updates available;
Product Documentation	Product documents and OEM tools should be handed over to Transnet after the implementation;

PART 4 – TRANSNET HCS DATACENTER INFRASTRUCTURE ADDITIONAL REQUIREMENTS

1.0. OVERVIEW AND OBJECTIVES

1.1. Background

Transnet's current computing infrastructure is owned by its Information Technology Managed Service Provider (IT-MSP). Once the final service contract ends, the IT-MSP will remove all their hardware from Transnet's regional Data Centers and disconnect Transnet from the centralized computing environment at 141 Sive Wright, posing a significant operational risk. To mitigate this, Transnet launched a hardware procurement initiative in 2024 (RFP NO: TCC/2024/01/0001/52909/) to begin replacing the IT-MSP's centralized computing hardware infrastructure. This scope of work aims to address the additional computing requirements needed. This follow-up initiative is now underway to fully replace the IT-MSP's hardware with right-sized ICT hardware infrastructure at Transnet-owned and Co-managed data centers, namely Vodacom DC (Johannesburg) and Queen Warehouse DC (Durban). These facilities are designed to completely replace the 141 Sive Wright Data Center holly owned by the IT-MSP. Additional requirements have arisen because the IT-MSP omitted key information during the initial RFP assessment, resulting in Transnet underestimating its computing hardware needs and not procuring enough to support all applications.

1.2. The Objective of the Huawei Cloud Stack additional hardware requirements

During a session chaired by the Group Chief Information Officer (GCIO), he requested the MSP IT to provide an RV-tool extract. This information entails all of Transnet's computing environment currently operating on IT-MSP-owned hardware at 141 Sive Wright. Using this information, Transnet proceeded with the following actions:

- Re-assess its computing environment requirements – with help from its current Strategic partner(s) namely Altron and Microsoft.
- Optimising its computing resources looking at current and future requirements.
- Drew up plans for business continuity – during and post the IT-MSP's exit from Transnet owned Data Centers.
- Provide the same or better computing services through its facilities at Queens Hardware DC and Co-location Data Center Vodacom.
- Provide redundancy to all computing services.
- Ensure information security.

1.3. Overview of "AS IS" Huawei Cloud Stack (HCS) Environment in Transnet

The current Huawei Cloud Stack (HCS) environment consists of a production site and a disaster recovery site, strategically located in Durban and Johannesburg Vodacom Data Center. The production site is hosted at Queens Warehouse Data Center, which supports various workloads, including production, development, and quality assurance (QAS). Meanwhile, the disaster recovery site is situated at the Johannesburg Vodacom Data Center. The existing disaster recovery configuration is flexible, allowing for adjustments as needed. Both sites have the capability to provide disaster recovery solutions for one another, enhancing overall resilience.

This arrangement ensures that operations can continue seamlessly in the event of an outage at

either location. Consequently, the infrastructure establishes a truly fault-tolerant computing solution to meet business continuity needs.

(ii) The architecture of the existing environment is as per Figure 1 as follows.

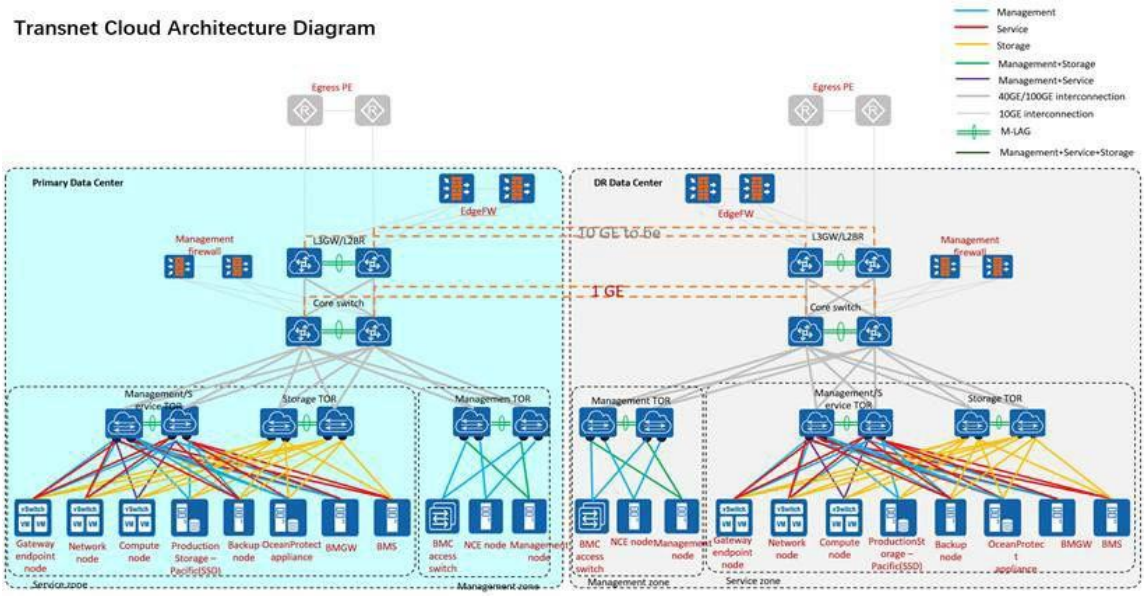


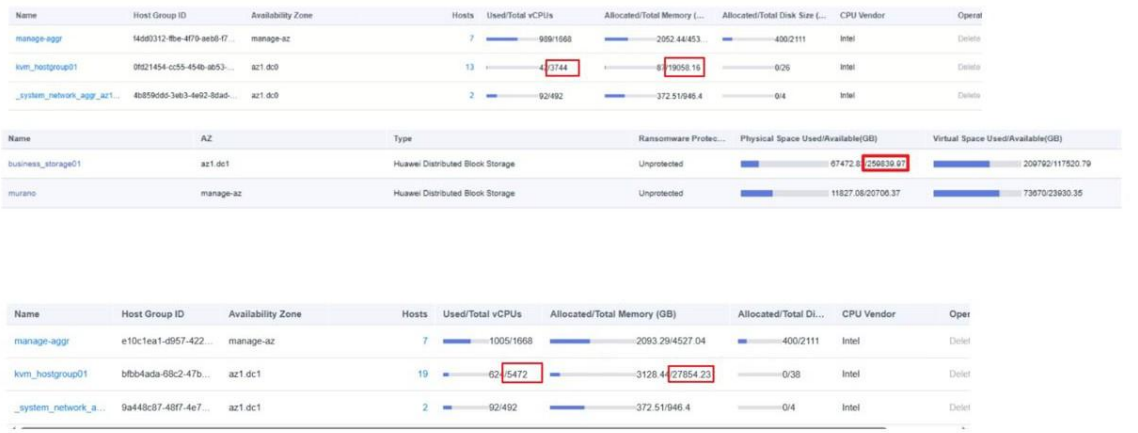
Figure 1: Existing HCS Environment Architecture

The features of this environment are as follows:

- **Unified Cloud Platform**
  - A unified cloud platform that can manage production data centre and disaster recovery data centre, thereby reducing operation and maintenance costs.
  - A unified cloud platform that can manage computing resource pool, network resource pool and storage resource pool to achieve resource sharing and maximize capacity utilisation.
- **Storage replication-based disaster recovery solution**
  - Tenant-level disaster recovery provides self-help disaster recovery service, tenants choose VM to protect as they see fit.
  - The cloud platform issues instructions to storage to protect data and directly replicate data between storage to ensure high performance and security of data replication.

Current Computing Hardware Resource Availability – Queen warehouse DC and Colocation DC Vodacom:

VDC Region



QWH Region

Figure 2: Existing HCS Computing Resources

2.0. SCOPE OF WORK

2.1. "To be" Centralized HCS Cloud Datacentre Architecture

Bidders are required to add onto the current solution based on cloud architecture as per Figure 3 below, which enables unified management and deployment of the data centre to ensure its consistency and scalability throughout the Transnet landscape.

Bidirectional Disaster Recovery Architecture

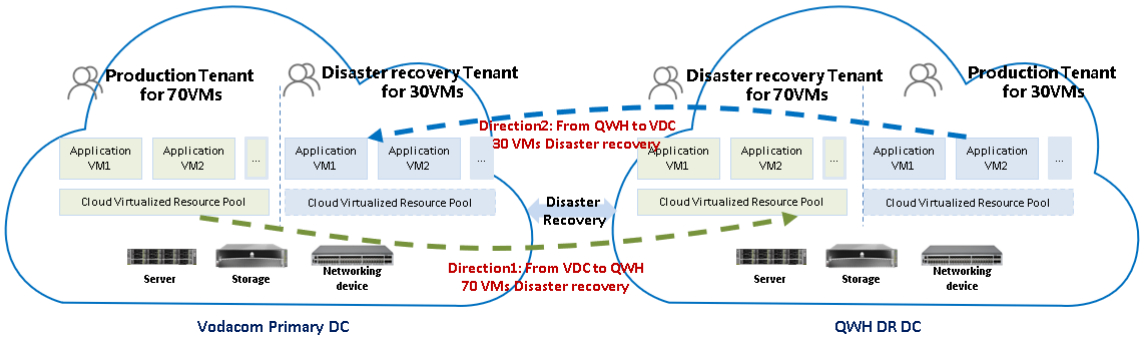


Figure 3: To be High Level HCS Datacentre Architecture

The proposed bidding solution must follow the strategy that Queens Warehouse and colocation DC Vodacom has, i.e, the solution should have the same resource capacity to make sure if one site goes down, the workloads would be automatically switched to the other site to enable business continuity. The proposed HCS Datacentre solution must have the following capabilities.

- **Unified cloud platform**
  - Unified cloud management platform that can manage both the primary data centre and disaster recovery data centre to meet the unified architecture and management, reducing management difficulty and costs.
- **Cloud platform compatibility**
  - Transnet is now using colocation DC Vodacom and Durban Queens Warehouse data centres as the production computing environment and the Disaster recovery environment, including an integrated organizational management system, authentication, quota management, metering, resource central management.
- **Storage layer replication**
  - Support storage layer replication between Transnet primary cloud data centre and DR data centre to realize a one computing platform to ensure high reliability and security of data.

Analysis was done to determine to additional computing resource requirements – using the RV-tool extract which contains a complete list of servers running at 141 DC Sive Wright.

The following computing gaps were uncovered in Virtual Central Processing Unit (vCPU) and Random Access Memory (RAM)

	Resource category	Resource Flavor	Previous RFS 2024	Actual Resource Assigned to HCS 2024	RVTools export Application Resource 2025	Gap(Rvtools Non SAP)
JHB (VDC)	Virtual Machine Resource	vCPU (1:3)	2,430(1:3)	3,744(1:3)	6,687 (1:3)	4,257(1:3)
		MEM GB	13,398	19,058	11,478 GB	/
		SSD TB (1:1)	200	253	556 TB	356 TB
	BMS – 4 servers	96 vCPU, 48 TB per server	Capability support	4 server	/	
	Backup Storage	Available capacity	200TB	201.03TB	/	

	Resource category	Resource Flavor	Previous RFS 2024	Actual Resource Assigned to HCS 2024	Allocated resource for quick win	Application Resource 2025 in RVtools except quick win	Gap(Rvtools Non SAP)
DUR (QWS)	Virtual Machine Resource	vCPU (1:3)	3,646 (1:3)	5,472 (1:3)	264 (1:3)	6,423 (1:3)	3,041(1:3)
		MEM GB	20,096	27,854	478 GB	11,000GB	/
		SSD TB (1:1)	300	389	36.7 TB	519.3 TB	256 TB
	BMS – 4 servers	96 vCPU, 48 TB per server	Capability support	4 server		/	
	Backup Storage	Available capacity	300TB	302.12TB		/	

Figure 4: HCS Datacentre Resource Analysis

b) Existing HCS resources are shown above:

- Queens Warehouse: vCPU = 3,646(1:3) and Storage 200 Terabyte (TB)
- Colocation DC Vodacom: vCPU = 2,430(1:3) and Storage 300 Terabyte (TB)

The existing HCS hardware infrastructure, procured in 2024, was provisioned to support 203 virtual servers, as indicated in the RV-tool extract (Appendix C). Upon assessment, it was determined that Transnet currently operates 394 virtual servers at 141 Sive Wright. This reveals a shortfall of 191 servers that are not accommodated within the current infrastructure. The comprehensive computing resource requirements will be detailed in the subsequent sections

c) As indicated in figure 4 above, the gaps are as follows:

- Queens Warehouse: vCPU = 3041(1:3) and Storage 256 Terabyte (TB)
- Colocation DC Vodacom: vCPU = 4257(1:3) and Storage 356 Terabyte (TB)

d) Reason, why total resources allocation reflects additional resources capacity:

The current configuration on the Virtual Central Processing Unit (vCPU) for Queens warehouse DC and Colocation Vodacom DC has a 1 to 3 overcommit ratio. This configuration is a strategic approach to maximize resource utilization in the environments where not all workloads/applications are active or demanding at the same time.

The additional resources capacity is a default buffer in the HCS solution which provides the following benefits on the HCS environment:

- Enabling Redundancy
- High Availability
- Resiliency
- Enhances Business continuity.

e) Project Scope deliverables

The scope of the project consists of the supply, delivery, and commissioning of the centralized datacentres which is the implementation of the data centre infrastructures, migration from the old environment to the cloud data centres, and the technical support & maintenance thereof, for a 60-month (5 period. The detailed of the scope is as follows:

Category	**Requirements**
Private Cloud Infrastructure Hardware	Server, Storage, Network and associated peripherals • **1. <u>Input and Management Devices</u>** • Keyboard • Mouse • KVM (Keyboard, Video, Mouse) switches • Crash carts (portable monitor, keyboard, and mouse for server administration) • Touchscreen management consoles • **2. Output Devices** • Monitors and display screens • LCD rack consoles • Network Operations Centre (NOC) display walls • Printers (for reports, labels, and documentation) • **3. Storage Peripherals** • External hard drives

Category	Requirements
	• Storage Area Network (SAN) arrays • Network Attached Storage (NAS) devices • Tape libraries and tape drives for backups • Optical drives (where still required) • **4. Networking Peripherals** • Network switches • Routers • Firewalls • Load balancers • Modems and gateway devices • **5. Power and Environmental Peripherals** • Uninterruptible Power Supplies (UPS) • Power Distribution Units (PDUs) • Generator monitoring systems • Environmental sensors (temperature, humidity, water leak detection) • **6. Security Peripherals** • Biometric access control devices • Smart card readers • CCTV cameras • Intrusion detection sensors • Rack access control systems • 7. **Communication and Monitoring Devices** • Console servers • Out-of-band management devices (iLO, iDRAC, IPMI) • Monitoring appliances • Alerting and telemetry systems
Private Cloud Software	Cloud capabilities-based software **1. Virtualization Platform** VMware vSphere Microsoft Hyper-V Nutanix AHV Fusion Sphere

Category	Requirements
	KVM (Kernel-based Virtual Machine) **2. Cloud Management Platform (CMP)** VMware Cloud Foundation (VCF) VMware Aria Suite OpenStack Red Hat OpenShift Microsoft Azure Stack HCI Huawei Cloud Stack **3. Self-Service Portal** User service catalog Automated provisioning Resource requests and approvals Chargeback and showback capabilities **4. Automation and Orchestration** Infrastructure-as-Code (IaC) Automated VM deployment Workflow automation Lifecycle management **5. Monitoring and Management** Performance monitoring Capacity management Log management Health and availability monitoring **6. Security and Compliance** Identity and Access Management (IAM) Multi-factor Authentication (MFA) Role-Based Access Control (RBAC) Security policies and compliance management **7. Backup and Disaster Recovery** Data protection Backup management Replication services Disaster recovery orchestration
Backup Environment	Backup software and backup hardware devices • **8. Backup and Recovery Peripherals** • • Backup appliances • Tape autoloaders • Replication devices

Category	Requirements
	• Disaster recovery storage systems
Implementation Service	1. **Infrastructure Deployment** Server installation and configuration Storage (SAN/NAS) implementation Network device installation (switches, routers, firewalls) Rack mounting and cabling **2. Operating System & Platform Setup** Windows Server and Linux installation Hypervisor deployment (VMware, Hyper-V, Nutanix) Virtual machine provisioning Cluster configuration **3. Network Configuration** LAN/WAN setup VLAN configuration Routing and switching configuration Network security implementation **4. Security Implementation** Firewall deployment Identity and Access Management (IAM) Multifactor Authentication (MFA) Security monitoring integration **5. Storage & Backup Configuration** SAN/NAS configuration Backup solution deployment Disaster Recovery (DR) setup Data migration services **6. Monitoring & Management** Infrastructure monitoring tools implementation Alerting and reporting configuration Asset discovery and inventory management Performance monitoring setup **7. Testing & Commissioning** System integration testing Failover testing Performance and load testing User Acceptance Testing (UAT) **8. Knowledge Transfer** Administrator training Operational handover SOP documentation

Category	Requirements
	Support transition
Maintenance and Support	Maintenance and Support - 60 Months **1. Preventive Maintenance** Regular health checks and inspections Firmware and software updates Hardware cleaning and servicing Capacity and performance assessments Power and cooling system inspections **2. Corrective Maintenance** Fault diagnosis and troubleshooting Hardware replacement and repairs Software bug fixes Configuration corrections System recovery following failures **3. Technical Support Services** 24x7 Help Desk support Incident management Problem management Remote and on-site support Escalation management **4. Infrastructure Support** Server support Storage support (SAN/NAS) Network support (switches, routers, firewalls) Virtualization platform support (example :VMware, Hyper-V, Nutanix) Cloud platform support **5. Security Support** Security patch management Vulnerability assessments Security monitoring Access control management Incident response support 6**. Backup and Disaster Recovery Support** Backup monitoring and verification Restore testing Disaster Recovery (DR) testing Replication monitoring Recovery assistance during outages **7. Performance Management** System performance monitoring Capacity planning Resource optimization

Category	Requirements
	Availability management Service level monitoring **8. Vendor and Warranty Management** OEM support coordination Hardware warranty management Software support subscriptions Spare parts management Vendor escalation management

2.2. Specification of HCS Data Center

In line with assessment resource analysis, the bidder must design the solution as per the specifications set out in the below table:

1) Vodacom Specification:

Resource	Specifications
Computing Capacity	Computing resource requirements in total: 4,257 vCPU.
Storage Capacity	All-flash storage with 356TB effective usable capacity in total, support synchronous and asynchronous replication.
Backup storage capacity	All-flash storage with 315TB physical capacity in total, no less than 1TB cache per storage array, support synchronous and asynchronous replication.
Network Capacity	The leaf switches support all adding hardware ports with 48*10GE/25GE and 8*100GE.
Cloud Capacity	The cloud platform software must be able to centrally manage all newly added hardware and seamlessly convert them into unified cloud resource pool. It should also provide comprehensive security capabilities, such as host security, web application firewall, and database auditing to ensure the security and continuity of cloud-based business service.

2) Queens Warehouse

Resource	Specifications
Computing Capacity	Computing resource requirements in total: 3,041 vCPU.
Storage Capacity	All-flash storage with 256TB effective usable capacity in total, support synchronous and asynchronous replication.
Backup storage capacity	All-flash storage with 215TB physical capacity in total, no less than 1TB cache per storage array, support synchronous and asynchronous replication.
Network Capacity	The leaf switches support all adding hardware ports with 48*10GE/25GE and 8*100GE.
Cloud Capacity	The cloud platform software must be able to centrally manage all newly added hardware and seamlessly convert them into unified cloud resource pool. It should also provide comprehensive security capabilities, such as host security, web application firewall, and database auditing to ensure the security and continuity of cloud-based business service.

2.3. Specification of Implementation and Maintenance

The successful bidder shall be present at the time of delivery to oversee logistics and to verify that all goods have been received in full, with no shortages. The bidder shall be solely responsible for coordinating all logistics, warehousing and transportation requirements to and from the designated sites across different provinces where Transnet has a computing requirement. This includes ensuring the proper deployment, installation, and commissioning of the hardware infrastructure and to facilitate successful testing of the deployed infrastructure. All such responsibilities and associated cost shall rest exclusively with the successful bidder.

The implementation and maintenance services are as follows:

a) High level design and low-level design for the cloud solution to ensure the solution meets the requirements outline in this RFP Transnet process. The design must be approved by Transnet Architecture before any execution of the implementation in the data centres.

b) Hardware installation and commissioning: The hardware must be delivered to data centres, assembled, installed, powered up and connected to the network.

c) Software configuration: Set up the cloud environment, create the corresponding capacities for each application or database, the operational guide should be provided after the software configurations

completed as a proof of configurations.

d) Backup and disaster recovery: The backup and disaster recovery solution should be configured to protect the data and service.

e) Workloads migration: Hardware data transfer utilities can be used for all workloads, and the target environment should work with minor change, if the target environment is also Intel. Changing the platform would require a migration plan. The migration plan should be approved by Transnet Architecture before any migration or cutover happens on the live environment. The workloads detailed information will be provided by Transnet when the project implementation starts.

f) Hardware maintenance specification: Post implementation maintenance for a period of 5 years; Hardware maintenance should include but not limited to the following aspects:

- ✓ Routine and proactive maintenance of hardware, including microcode and firmware upgrades to prevent hardware failures.
- ✓ Source, deliver, and install hardware spares when hardware failure occurs.
- ✓ The service provider must provide 24 x 7 x 365 same day remote and onsite technical expertise support.
- ✓ OEM hardware maintenance and not 3rd party maintenance is required.
- ✓ Hardware replacement parts must be brand new, genuine, compatible, and equivalent in performance to existing parts and certified by the OEM.
- ✓ All work, including spares must be accompanied by applicable warranties and/or guarantees.
- ✓ Where possible, hardware maintenance must be done without the interruption to business. In cases where downtime is required, the service provider must negotiate with Transnet for a downtime period which will be after normal working hours or weekends.
- ✓ The service provider must have an established service desk and incident management process.

Service Item	**Service Coverage Window**
Remote Service Centre	Available 24 hours a day, 7 days a week; Responding within 30 minutes;
Spares	Available 9 hours a day, 5 days a week. Spare parts should arrive within the next Business Day (NBD);
Onsite replacement	Available 9 hours a day, 5 days a week. Field engineers should arrive at the site within the next Business Day (NBD);
Faulty parts collections	Available 9 hours a day, 5 days a week;
Operating System Software Updates	Patches and minor releases of OS Software Updates available;
Product Documentation	Product documents and OEM tools should be handed over to Transnet after the implementation;

3.0 ANNEXURE

3.1. Appendix C – RV-Tools IT-MSP Extract

Host Name	CPUs	Memory (MiB)	Provisioned MiB
BlueTrainReservations	2	8 192	59 491
DMZLNSNMAS101	8	32 768	340 067
DMZLNSVPX101	2	2 048	22 611
DMZLNSVPX102	2	2 048	22 611
DMZTFRWPBTF01	4	8 192	315 486
DMZTNWDNS01	2	4 096	413 792
ESPTFRWPRMR01	2	8 192	264 680
GERDCW1201	4	16 384	272 468
JHBDCW1101	4	16 384	374 873
JHBDCW1102	4	16 384	374 882
JHBDCW1103	4	16 384	374 882
JHBDCW1104	4	16 384	477 283
JHBDCW1105	4	16 384	477 583
JHBLTGVMISE104	24	98 304	614 697
JHBOEMDB01	6	81 920	1 413 260
JHBTAXPRDAPL01	2	8 192	307 289
JHBTAXPRDDB02	2	16 384	563 320
JHBTCPWDBS101	4	24 576	4 675 040
JHBTCPWDDB101	4	12 288	718 945
JHBTCPWFPS101	8	16 384	272 502
JHBTCPWPCM101	4	16 384	477 298
JHBTFRLDBTR01	2	8 192	59 475
JHBTFRLDDKR01	1	12 288	258 144
JHBTFRLDGIS01	2	8 192	59 474
JHBTFRLDGIT01	1	6 144	36 949
JHBTFRLDICAS01	2	4 096	106 581
JHBTFRLDIICMS01	2	4 096	127 063
JHBTFRLDINF01	12	32 768	647 260
JHBTFRLDINF02	12	32 768	647 260
JHBTFRLDINF03	12	32 768	647 260
JHBTFRLDLCD01	1	2 048	33 103
JHBTFRLDLCMS01	2	8 192	315 494
JHBTFRLDMAS01	8	24 576	147 544
JHBTFRLDMAS02	8	24 576	147 544
JHBTFRLDMAS03	8	24 576	147 544
JHBTFRLDPIWIK01	2	4 096	34 899
JHBTFRLDPXY01	2	4 096	55 381
JHBTFRLDRRM01	1	8 192	110 676
JHBTFRLDTMS01	2	8 192	213 092
JHBTFRLDTMS02	2	2 048	411 747
JHBTFRLDTTEST01	2	4 096	157 783
JHBTFRLDWRK01	12	32 768	237 660
JHBTFRLDWRK02	12	32 768	237 771
JHBTFRLDWRK03	12	32 768	237 660
JHBTFRLDWRK04	12	32 768	237 660
JHBTFRLPBAS01	4	8 192	630 879
JHBTFRLPBLT01	2	4 096	45 139
JHBTFRLPDKR01	2	40 960	348 462
JHBTFRLPINF01	32	131 072	561 264

Host Name	CPUs	Memory (MiB)	Provisioned MiB
JHBTFRLPINF02	32	131 072	561 264
JHBTFRLPINF03	32	131 072	561 264
JHBTFRLPMAS01	8	32 768	155 736
JHBTFRLPMAS02	8	32 768	155 736
JHBTFRLPMAS03	8	32 768	155 736
JHBTFRLPPXY01	2	4 096	55 380
JHBTFRLPRDS01	2	16 384	47 475
JHBTFRLPRDS02	2	16 384	47 208
JHBTFRLPTDM01	2	4 096	219 218
JHBTFRLPTEN01	4	8 192	104 540
JHBTFRLPTENSP01	4	8 192	192 602
JHBTFRLPTENW01	4	8 192	110 693
JHBTFRLPWRK01	32	131 072	254 064
JHBTFRLPWRK02	32	131 072	254 234
JHBTFRLPWRK03	32	131 072	254 232
JHBTFRLPWRK04	32	131 072	254 064
JHBTFRLQDKR01	2	24 576	168 082
JHBTFRLQDKR02	2	8 192	50 260
JHBTFRLQINF01	32	65 536	999 536
JHBTFRLQINF02	32	65 536	999 536
JHBTFRLQINF03	32	65 536	999 536
JHBTFRLQMAS01	8	24 576	147 544
JHBTFRLQMAS02	8	24 576	147 544
JHBTFRLQMAS03	8	24 576	147 544
JHBTFRLQWRK01	32	65 536	270 448
JHBTFRLQWRK02	32	65 536	270 448
JHBTFRLQWRK03	32	65 536	270 448
JHBTFRPWINBK01	4	4 096	75 860
JHBTFRPWINIS01	2	4 096	352 611
JHBTFRPWINIS02	4	12 288	278 887
JHBTFRPWINMW01	4	4 096	75 860
JHBTFRPWINTCC19	1	8 192	315 847
JHBTFRPWINTN01	4	4 096	198 740
JHBTFRWDAGA01	8	16 384	1 167 739
JHBTFRWDANAL01	4	16 384	631 275
JHBTFRWDATW16	2	8 192	161 877
JHBTFRWDCAT19	4	8 192	510 042
JHBTFRWDGIS01	2	8 192	110 947
JHBTFRWDHMS01	4	8 192	192 610
JHBTFRWDIAMM01	2	8 192	233 910
JHBTFRWDITCMS01	2	4 096	137 302
JHBTFRWDLDS01	4	16 384	201 562
JHBTFRWDLDVR01	2	4 096	1 646 997
JHBTFRWDMAX02	2	26 624	385 218
JHBTFRWDMAX03	2	16 384	784 860
JHBTFRWDMBR19	2	8 192	213 105
JHBTFRWDMIS19	2	8 192	213 075
JHBTFRWDMWM91	2	8 192	131 159
JHBTFRWDPRJ01	2	8 192	213 093
JHBTFRWDPRJ02	2	8 192	315 486
JHBTFRWDQLIK02	2	16 384	170 103

Host Name	CPUs	Memory (MiB)	Provisioned MiB
JHBTFRWDRRP01	3	16 384	170 578
JHBTFRWDSQL11	2	4 096	424 031
JHBTFRWDTFS01	2	8 192	315 477
JHBTFRWDTM02	2	8 192	264 274
JHBTFRWDWAS11	2	16 384	375 094
JHBTFRWDWMBR91	2	8 192	131 158
JHBTFRWDWMIS91	2	16 384	139 567
JHBTFRWDWMTN91	2	8 192	141 399
JHBTFRWPATW16	4	4 096	209 273
JHBTFRWPBGW01	2	8 192	161 882
JHBTFRWPBRD01	2	4 096	116 821
JHBTFRWPCDMSQL1	2	8 192	1 159 286
JHBTFRWPCDMSQL2	2	16 384	1 167 518
JHBTFRWPCDMSQL3	4	12 288	2 023 290
JHBTFRWPCDMWEB1	2	8 192	274 524
JHBTFRWPDKR16	1	4 096	106 833
JHBTFRWPDMS01	4	8 192	192 852
JHBTFRWPECG01	4	4 096	567 662
JHBTFRWPIAMM01	2	8 192	52 609 513
JHBTFRWPISI01	3	24 576	362 625
JHBTFRWPISI02	2	8 192	223 612
JHBTFRWPISO01	4	16 384	555 903
JHBTFRWPKC02	2	8 192	264 296
JHBTFRWPKPOW01	2	8 192	367 038
JHBTFRWPLAT01	2	8 192	110 675
JHBTFRWPLDS01	6	32 768	760 311
JHBTFRWPLDW01	1	4 096	260 185
JHBTFRWPLKP01	2	4 096	311 387
JHBTFRWPMAX01	2	16 384	323 943
JHBTFRWPMAX04	4	51 200	409 731
JHBTFRWPMWM91	2	4 096	158 045
JHBTFRWP-PBI16	4	8 192	131 162
JHBTFRWPPJW02	2	8 192	2 259 030
JHBTFRWPPWS01	2	8 192	202 862
JHBTFRWPPWS02	2	8 192	202 860
JHBTFRWPQPAPP01	4	8 192	192 617
JHBTFRWPQPETL01	4	8 192	172 131
JHBTFRWPQPSQL01	4	8 192	172 415
JHBTFRWPRDS01	3	8 192	110 684
JHBTFRWPRFS060	8	32 768	72 423 535
JHBTFRWPRRP01	3	8 192	136 540
JHBTFRWPSQL04	4	24 576	281 014
JHBTFRWPTFS01	2	8 192	315 490
JHBTFRWPTFS02	2	8 192	213 385

Host Name	CPUs	Memory (MiB)	Provisioned MiB
JHBTFRWPTFS03	2	8 192	1 344 654
JHBTFRWPTFS04	1	8 192	315 493
JHBTFRWPTM03	2	8 192	520 275
JHBTFRWPTMS01	8	16 384	426 081
JHBTFRWPTMS02	2	8 192	315 759
JHBTFRWPTRT01	4	8 192	315 491
JHBTFRWPTSAPP01	2	8 192	213 081
JHBTFRWPTTS19	2	4 096	157 783
JHBTFRWPUPS01	2	12 288	422 016
JHBTFRWPVIS01	2	8 192	264 274
JHBTFRWPVIS02	2	8 192	264 528
JHBTFRWPWAS11	2	24 576	383 184
JHBTFRWPWAS12	2	24 576	383 171
JHBTFRWPWMBR91	2	4 096	157 778
JHBTFRWPWMIS91	6	8 192	264 626
JHBTFRWPWMK02	2	4 096	96 562
JHBTFRWPWMO01	1	4 096	86 334
JHBTFRWPWMTN91	2	4 096	157 778
JHBTFRWPXPS16	2	16 384	170 107
JHBTFRWQIIMS01	4	8 192	213 085
JHBTFRWQLUM01	2	8 192	110 684
JHBTFRWQMWM91	2	8 192	141 701
JHBTFRWQTFS01	2	8 192	315 487
JHBTFRWQWMBR19	2	8 192	264 308
JHBTFRWQWMBR91	2	8 192	141 402
JHBTFRWQWMIS19	2	8 192	264 275
JHBTFRWQWMIS91	2	8 192	141 665
JHBTFRWQWMTN91	2	8 192	141 400
JHBTFRWWYSE19	2	12 288	217 228
JHBTNWPLPAP12	4	32 768	800 872
JHBTNWPLPAT13	4	32 768	1 056 876
JHBTNWPLPDA11	8	32 768	4 948 087
JHBTNWSQLTST101	2	8 192	438 357
JHBWBACKUP201	16	32 768	340 126
JHBWDCW501	4	16 384	374 925
JHBWGIJGMSA101	4	4 096	362 591
JHBWGIJMFJB101	2	8 192	213 081
JHBWGIJRPXPV001	4	32 768	340 257
JHBWGIJRPXPV002	4	32 768	442 495
JHBWMBAM101	4	16 384	374 917
JHBWPSTEX101	2	4 096	3 508 413
JHBWSCLANSWP101	2	8 192	315 491
JHBWSCLANSWP102	2	8 192	315 490
JHBWSPLUNK100	4	4 096	260 191

Host Name	CPUs	Memory (MiB)	Provisioned MiB
JHBWTCCANINF101	4	524 288	7 072 186
JHBWTCCAPCXPR01	4	16 384	323 713
JHBWTCCAPCXPR02	4	16 384	323 713
JHBWTCCAPCXPR03	4	16 384	426 108
JHBWTCCAPCXPR04	4	16 384	272 555
JHBWTCCAPCXPR05	4	16 384	272 523
JHBWTCCAPCXPR06	4	16 384	272 539
JHBWTCCAPCXPR07	4	16 384	272 507
JHBWTCCAPCXPR08	4	16 384	272 498
JHBWTCCAPCXPR09	4	16 384	272 488
JHBWTCCAPCXPR10	4	16 384	1 347 686
JHBWTCCAPP101	4	8 192	499 815
JHBWTCCARDB103	6	16 384	815 217
JHBWTCCARDB106	6	66 560	3 553 400
JHBWTCCARDV101	6	16 384	442 465
JHBWTCCARDV102	6	16 384	272 497
JHBWTCCARISP104	14	65 536	424 090
JHBWTCCARISP105	6	16 384	272 495
JHBWTCCBCXPSP02	4	65 536	1 847 636
JHBWTCCBLAMD101	4	16 384	374 917
JHBWTCCBLSQL101	8	32 768	647 620
JHBWTCCBTAAP101	4	65 536	1 038 560
JHBWTCCBTAAP102	4	65 536	475 254
JHBWTCCBTADB101	4	65 536	1 458 518
JHBWTCCCAPP201	4	16 384	374 891
JHBWTCCCAPPQ201	4	8 192	366 676
JHBWTCCCAPPQ201 (Clone)	4	8 192	366 682
JHBWTCCCDBQ201	4	32 768	1 159 629
JHBWTCCCLM101	2	16 384	272 520
JHBWTCCCLMDV101	2	16 384	292 958
JHBWTCCCLMPR101	2	16 384	170 097
JHBWTCCCLMQA101	2	16 384	272 474
JHBWTCCCMSDB101	2	32 768	1 763 575
JHBWTCCCMSQA101	2	8 192	335 960
JHBWTCCCRDBP201	8	57 344	1 183 905
JHBWTCCCWEBP201	4	16 384	374 886
JHBWTCCCWEBQ201	2	2 048	360 530
JHBWTCCDBPROD01	2	16 384	753 789
JHBWTCCDBQA101	2	16 384	887 256
JHBWTCCEFT101	2	4 096	260 187
JHBWTCCEIMS103	4	16 384	328 805
JHBWTCCEIMS104	4	16 384	442 467
JHBWTCCFS101	4	16 384	1 429 666

Host Name	CPUs	Memory (MiB)	Provisioned MiB
JHBWTCCFS102	2	4 096	1 194 000
JHBWTCCFS103	4	8 192	9 530 465
JHBWTCCFS105	1	2 048	1 872 315
JHBWTCCGXQ101	8	16 384	323 686
JHBWTCCHPAPP101	4	32 768	1 179 788
JHBWTCCHPAPP102	4	32 768	954 700
JHBWTCCHPAPP103	4	32 768	852 951
JHBWTCCILMT102	4	16 384	743 540
JHBWTCCISDEV101	2	4 096	311 379
JHBWTCCIXDRP106	2	4 096	1 079 379
JHBWTCCMAP101	2	16 384	415 886
JHBWTCCNMT101	8	16 384	528 779
JHBWTCCPAPAD101	6	8 192	213 086
JHBWTCCPAPAD102	6	8 192	213 086
JHBWTCCPCMS101	2	4 096	265 306
JHBWTCCPLPAP101	8	32 768	493 834
JHBWTCCPLPAP102	8	32 768	698 801
JHBWTCCPLPAT101	4	32 768	1 364 169
JHBWTCCPLPAT102	4	32 768	2 029 831
JHBWTCCPLPDB101	12	65 536	3 189 980
JHBWTCCPLPDB102	2	8 192	3 438 781
JHBWTCCPLQAP12	4	12 288	1 005 657
JHBWTCCPLQAT13	4	16 384	1 040 477
JHBWTCCPLQDB11	8	32 768	2 439 296
JHBWTCCPLTAP101	8	32 768	544 876
JHBWTCCPLTAT101	4	32 768	1 210 473
JHBWTCCPLTDB101	12	65 536	2 881 662
JHBWTCCPLWEB101	4	32 768	699 546
JHBWTCCPRAPP101	12	131 072	745 616
JHBWTCCPRAPP102	12	131 072	746 005
JHBWTCCPRINT101	4	16 384	323 683
JHBWTCCPRQDB101	12	256 000	3 865 237
JHBWTCCPRX101	2	8 192	366 689
JHBWTCCQAAPR101	8	65 536	680 461
JHBWTCCQAAPR102	8	65 536	680 337
JHBWTCCQANPR101	16	135 168	749 691
JHBWTCCQAPPR101	24	131 072	745 685
JHBWTCCQAPPR102	24	131 072	745 673
JHBWTCCQAPQA101	32	131 072	745 616
JHBWTCCQAPQA102	32	131 072	745 670
JHBWTCCQAQDB101	12	256 000	3 865 111
JHBWTCCQDBPR101	24	262 144	2 795 926
JHBWTCCQDBQA101	24	131 072	3 200 774
JHBWTCCQNTQA101	16	65 536	321 650

Host Name	CPUs	Memory (MiB)	Provisioned MiB
JHBWTCCQRTPR101	16	66 560	650 577
JHBWTCCQRTQA101	16	65 536	321 673
JHBWTCCSFTP101	4	32 768	1 652 056
JHBWTCCSFTP102	4	32 768	340 162
JHBWTCCSMIPS101	8	16 384	374 897
JHBWTCCSP01	4	16 384	886 913
JHBWTCCSPAPPPR8	8	16 384	579 695
JHBWTCCSPAPPQ01	4	32 768	288 867
JHBWTCCSPAPPQ02	4	32 768	288 866
JHBWTCCSPDBP101	8	131 072	13 623 496
JHBWTCCSPDBP102	8	134 144	13 114 566
JHBWTCCSPPPR101	6	32 768	1 312 932
JHBWTCCSPPPR102	6	32 768	1 312 972
JHBWTCCSPPR101	12	16 384	1 040 494
JHBWTCCSPPR102	12	50 176	1 074 324
JHBWTCCSPSAPPR7	8	16 384	579 695
JHBWTCCSPSQLPR2	8	65 536	3 117 185
JHBWTCCSPSQLPR3	8	65 536	1 601 720
JHBWTCCSPSQLQ01	4	16 384	6 763 411
JHBWTCCSPSQLQ02	4	16 384	7 507 470
JHBWTCCSPWEBPR5	2	16 384	579 988
JHBWTCCSPWEBPR6	2	16 384	579 685
JHBWTCCSPWEBQ01	4	32 768	278 627
JHBWTCCSPWEBQ02	4	32 768	288 867
JHBWTCCSPWFEQA3	2	131 072	387 549
JHBWTCCSQLAL101	8	524 288	14 271 161
JHBWTCCSQLDT101	4	256 000	7 885 457
JHBWTCCSQLDT103	4	16 384	1 562 720
JHBWTCCSQLDV101	8	32 768	2 647 359
JHBWTCCSQLRP101	8	131 072	12 671 322
JHBWTCCSYNDB101	4	16 384	385 197
JHBWTCCTRWEB101	4	16 384	241 777
JHBWTCCTRWEB102	4	16 384	241 872
JHBWTCCTS101	4	16 384	221 278
JHBWTCCTTMP101	2	32 768	1 081 533
JHBWTCCUFPS101	4	16 384	374 885
JHBWTCCVC101	2	4 096	260 186
JHBWTCCVERIT101	8	32 768	596 078
JHBWTCCWEBPRD01	2	8 192	233 842
JHBWTCCWEBQA102	6	8 192	233 576
JHBWTCCWNMPP101	2	8 192	4 356 259
JHBWTCPBBS01	4	8 192	269 407
JHBWTEDMSPRD101	4	4 096	1 336 051
JHBWTEDSAP101	4	10 240	1 003 614

Host Name	CPUs	Memory (MiB)	Provisioned MiB
JHBWTEDSDEV101	8	20 480	1 309 145
JHBWTEDSPRD101	8	65 536	4 496 678
JHBWTEDSQA101	8	20 480	584 022
JHBWTEGMTN101	4	16 384	2 627 767
JHBWTEIMAPDV101	8	32 768	550 256
JHBWTEIMAPQA101	4	32 768	494 064
JHBWTEIMDBDV101	4	32 768	903 679
JHBWTEIMDBQA101	4	32 768	903 678
JHBWTEIMDEV101	8	20 480	1 427 947
JHBWTEIMPRD101	8	20 480	683 844
JHBWTEIMQA101	8	20 480	583 955
JHBWTEKLNG101	4	16 384	9 406 848
JHBWTEKLNG102	2	16 384	3 418 320
JHBWTEKLNH101	4	16 384	5 436 900
JHBWTEMIIBCK101	8	32 768	2 334 948
JHBWTEMIIDEV102	8	24 576	659 847
JHBWTEPAP102	2	24 576	1 530 632
JHBWTEPAPQA101	2	24 576	485 868
JHBWTEPAPQA102	2	24 576	332 168
JHBWTEPAPSQL101	2	24 576	1 534 118
JHBWTEPAPSQL201	2	16 384	661 636
JHBWTEPDDB101	8	10 240	3 297 595
JHBWTEPDPRD101	2	4 096	2 618 530
JHBWTETWDATA101	8	16 384	323 693
JHBWTEWCDEV101	4	40 960	1 609 151
JHBWTEWCP101	8	25 600	1 381 513
JHBWTEWCP102	4	40 960	1 269 964
JHBWTEWCP103	2	25 600	5 495 781
JHBWTEWCP104	4	40 960	1 218 797
JHBWTFRPMOB01	2	10 240	163 935
JHBWTFRPMOB02	2	16 384	323 915
JHBWTFRWINWAS01	3	24 576	280 709
JHBWTFRWINWAS02	1	12 288	155 751
JHBWTGCCCFS03	4	8 192	4 721 860
JHBWTGCCPAS01	12	24 576	2 171 050
JHBWTGCCPAS02	2	16 384	2 064 561
JHBWTGCGISAPP01	4	16 384	989 304
JHBWTGCGISDB01	4	16 384	1 351 843
JHBWTGCLOAC102	8	16 384	1 218 721
JHBWTGNETMON101	8	16 384	323 912
JHBWTGNMPP101	4	8 192	469 098
JHBWTGPRNTPD101	4	16 384	548 985
JHBWTPDEV101	2	8 192	1 288 296
JHBWTPDEV102	4	8 192	469 089

Host Name	CPUs	Memory (MiB)	Provisioned MiB
JHBWTPDEV103	4	32 768	2 176 453
JHBWTPDEV201	2	8 192	1 513 616
JHBWTPDEV204	2	16 384	796 833
JHBWTPDEV205	2	16 384	1 648 848
JHBWTPDEV207	2	16 384	2 369 709
JHBWTPFS201	2	4 096	2 103 442
JHBWTPLDGLGC101	2	8 192	1 288 332
JHBWTPLDGLGC201	4	8 192	1 513 560
JHBWTPPROD101	4	32 768	2 566 592
JHBWTPPROD201	8	32 768	2 189 555
JHBWTPPROD202	4	32 768	2 566 615
JHBWTPPROD204	2	16 384	4 466 872
JHBWTPRAVE201	4	32 768	1 861 843
JHBWTSFS101	8	12 288	729 201
MULTIRAIL	2	2 048	78 299
MULTIRAIL-Dev	2	2 048	78 303
RAVE1	4	32 768	2 125 199
TCPWMFS01	8	12 288	19 616 256
TCPWMFS02	4	4 096	14 838 307
TFRCMC	1	2 048	53 330
TFRPWINRFS10	4	16 384	27 535 467
TFRPWINTEL01	4	8 192	203 096
TFRPWINTMTMS01	2	4 096	106 580
TPDEVSERVER	2	16 384	2 262 329
TRE-ADOBE03	2	20 480	3 154 422
TRE-BODEV	8	25 600	1 090 990
TRE-BOPROD	2	51 200	737 484
TRE-BOQA01	8	25 600	538 051
TRE-LocoM	8	20 480	1 413 241
TRE-MISPROD01	8	10 240	1 314 950
Tre-SoftwareSRV	8	16 384	897 752
Total **(V-CPU-Overcommit ratio: 1:1)**	**2227**	**11478 GB**	**556 TB**
Total	**6687**	**11478 GB**	**556 TB**
(V-CPU-Overcommit ratio: 1:3)			

4 GREEN ECONOMY / CARBON FOOTPRINT

Transnet wishes to have an understanding of your company's position with regard to environmental commitments, including key environmental characteristics such as waste disposal, recycling and energy conservation. *Please submit details of your entity's policies in this regard.*

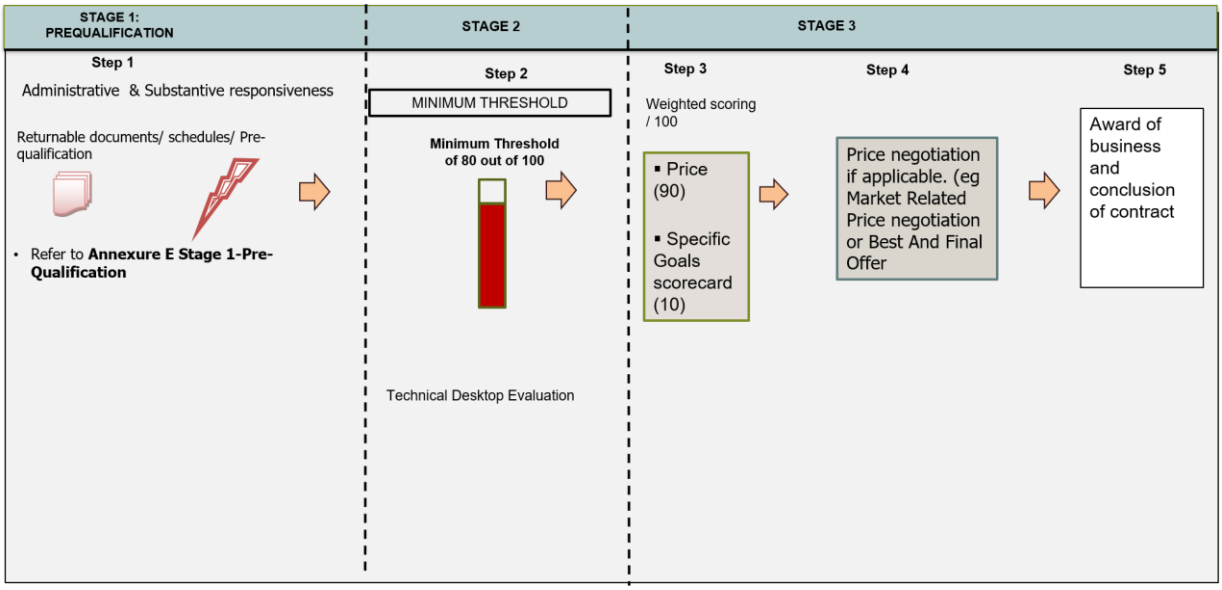
5 GENERAL SUPPLIER/SERVICE PROVIDER OBLIGATIONS

5.1 The Supplier/Service provider(s) shall be fully responsible to Transnet for the acts and omissions of persons directly or indirectly employed by them.

5.2 The Supplier/Service provider(s) must comply with the requirements stated in this RFP.

6 EVALUATION METHODOLOGY [INDICATE APPROPRIATE CRITERIA

Transnet will utilise the following methodology and criteria in selecting a preferred Supplier/Service provider:



NB: Evaluation of the various stages will normally take place in a sequential manner. However, in order to expedite the process, Transnet reserves the right to conduct the different steps of the evaluation process in parallel. In such instances the evaluation of bidders at any given stage must not be interpreted to mean that bidders have necessarily passed any previous stage(s).

6.1 STEP ONE: Test for Administrative and Substantive Responsiveness

The test for administrative responsiveness will include the following:

Administrative and Substantive Responsiveness check	RFP Reference
• Whether the Bid has been lodged on time	*Section 1 paragraph 3*
• Whether all Returnable Documents and/or schedules [where applicable] were completed and returned by the closing date and time	*Section 5*
• Verify the validity of all returnable documents	*Section 5*

Administrative and Substantive Responsiveness check	RFP Reference
• Verify if the Bid document has been duly signed by the authorised respondent	*All sections of the RFP*
• Whether any general and legislation qualification criteria set by Transnet, have been met	*All sections*
• Whether the Bid materially complies with the scope and/or specification given	*All Sections*
• Whether the Bid contains a priced offer as prescribed in the pricing and delivery schedule	*Section 4 and Annexure A, B, C and D*
• Whether the Bid materially complies with the scope and/or specification given	*All Sections*
• Whether any Technical Pre-qualification Criteria/minimum requirements have been met as follows: - Refer to ***Annexure E*** *Stage 1-Pre-Qualification*	*Annexure E Stage 1-Pre-Qualification*

The test for responsiveness [Step One] must be passed for a Respondent's Proposal to progress to Step Two for further pre-qualification

6.2 STEP TWO: TECHNICAL EVALUATION CRITERIA - CONSOLIDATED TECHNICAL EVALUATION CRITERIA

Refer to **ANNEXURE E -** CONSOLIDATED TECHNICAL EVALUATION CRITERIA	
Total Score	**100**
Minimum Qualifying Score	**80**

Respondents must complete and submit ***Annexure E*** **which include a CONSOLIDATED TECHNICAL EVALUATION CRITERIA.** *A Respondent's compliance with the minimum functionality/technical threshold will be measured by their responses to Annexure E.*

Respondents are to note that Transnet will round off final technical scores to the nearest 2 (two) decimal places for the purposes of determining whether the technical threshold has been met.

The minimum threshold for technical/functionality [Step Two] must be met or exceeded for a Respondent's Proposal to progress to Step Four for final evaluation

6.3 STEP THREE Evaluation and Final Weighted Scoring

a) **Price** [Weighted score 90 points]:

Evaluation Criteria	RFP Reference
• Commercial offer	*Section 4 and Annexure A, B C and D*

Transnet will utilise the following formula in its evaluation of Price:

$$PS = 90\left(1 - \frac{Pt - Pmin}{Pmin}\right)$$

Where:

Ps = Score for the Bid under consideration
Pt = Price of Bid under consideration
Pmin = Price of lowest acceptable Bid

b) **Specific Goals [**Weighted score 10 point]

- Specific goals preference points claim form
- Preference points will be awarded to a bidder for attaining the specific goals requirements in accordance with the table indicated in Section 4.1 of the specific goals Claim Form.

6.4 SUMMARY: Applicable Thresholds and Final Evaluated Weightings

Thresholds	Minimum Threshold
Technical / functionality	80

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

6.5 STEP FOUR: Price Negotiations (if applicable)

- Respondents are to note that Transnet may not award a contract if the price offered is not market-related. In this regard, Transnet reserves the right to engage in PTN with the view to achieving a market-related price or to cancel the tender. Negotiations will be done in a sequential manner i.e.:
  - first negotiate with the highest ranked bidder or cancel the bid, should such negotiations fail,
  - negotiate with the 2nd and 3rd ranked bidders (if required) in a sequential manner.
- Over and above the negotiation process aimed at achieving a market-related price as outlined above, Transnet reserves the right to engage further with bidder(s) after the initial price negotiations have been concluded. Such engagements may be undertaken to secure additional reductions in the prices, rates, or pricing structures submitted, with the objective of enhancing cost efficiency and achieving optimal value for money across all contracts. These further

negotiations will be conducted in a fair, transparent, and equitable manner, and shall not compromise the integrity of the procurement process or alter the original scope of work. Bidders are therefore encouraged to submit their most competitive and sustainable pricing at the outset, while noting that Transnet may, at its discretion, seek further value optimization through continued engagement.

- In the event of any Respondent being notified of such short-listed/preferred bidder status, his/her bid, as well as any subsequent negotiated best and final offers (BAFO), will automatically be deemed to remain valid during the negotiation period and until the ultimate award of business.
- Should Transnet conduct post tender negotiations, Respondents will be requested to provide their best and final offers to Transnet based on such negotiations. Where a market related price has been achieved through negotiation, the contract will be awarded to the successful Respondent(s).

6.6 **STEP FIVE: Award of business and conclusion of contract**

- Immediately after approval to award the contract has been received, the successful bidder(s) will be informed of the acceptance of his/their Bid by way of a Letter of Award. Thereafter the final contract will be concluded with the successful Respondent(s). where applicable.
- Alternatively, acceptance of a letter of award by the Successful Respondent. will constitute the final contract read together with their RFP response and the Standard Terms and Conditions. This will be stated in the letter of award.

SECTION 4: PRICING AND DELIVERY SCHEDULE

Respondents are required to refer to the below Annexures for a detailed Pricing Schedule

Bidders are required to submit ALL- complete pricing schedules outlined below. Failure to do so will result in disqualification.

Annexure A	**Pricing Workbook TPT**
Annexure B	**Pricing Workbook TNPA**
Annexure C	**Pricing Workbook TCC DC and RDC Refresh**
Annexure D	**CONSOLIDATED SUMMARY OF THE PRICING WORKBOOKS**

Respondents are to note that Transnet will round off final pricing scores to the nearest 2 (two) decimal places.

N:B Bidder are requested to complete the consolidated summary of the Pricing Workbook and ALL Pricing Workbooks (Annexure A to Annexure D).

Notes to Pricing:

a) Respondents are to note that if the price offered by the highest scoring bidder is not market-related, Transnet may not award the contract to that Respondent. Transnet may-

(i) negotiate a market-related price with the Respondent scoring the highest points or cancel the RFP;

(ii) if that Respondent does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the second highest points or cancel the RFP;

(iii) if the Respondent scoring the second highest points does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the third highest points or cancel the RFP.

If a market-related price is not agreed with the Respondent scoring the third highest points, Transnet must cancel the RFP.

b) Prices must be quoted in South African Rand inclusive of VAT.

c) Any disbursement not specifically priced for will not be considered/accepted by Transnet.

d) To facilitate like-for-like comparison bidders must submit pricing strictly in accordance with this pricing schedule and not utilise a different format. Deviation from this pricing schedule could result in a bid being declared non-responsive.

e) **Transnet will be paying licences annually.**

f) Please note that should you have offered a discounted price(s), Transnet will only consider such price discount(s) in the final evaluation stage if offered on an unconditional basis.

g) Where a Respondent's price(s) includes imported goods/items, the rate of exchange to be used must be in South African Rands for purposes of determining whether the price is market related or not and must be the currency's rate published by the South African Reserve Bank on the date of the advertisement of the bid:

Currency rate of exchange utilised: _____

h) Respondents, if awarded the contract, are required to indicate that their prices quoted **MUST** be kept firm and fixed for the contract duration. [Not to be confused with bid validity period Section 2, clause 1]

YES	

i) After award, the successful supplier will have to hedge any FX exposures at the prevailing rate at the time. Transnet Group Treasury will verify that the hedge is market related before execution (Financial Risk Management Policy (FRMP) and Treasury SOP's). After hedging the price will be fixed in ZAR.

1. DISCLOSURE OF CONTRACT INFORMATION

PRICES TENDERED

Respondents are to note that, on award of business, Transnet is required to publish the outcome of the RFQ and information of the successful Respondents *inter alia* on the National Treasury e-Tender Publication Portal, (www.etenders.gov.za), as required per National Treasury Instruction Note 09 of 2022/2023.

JOHANNESBURG STOCK EXCHANGE DEBT LISTING REQUIREMENTS

Transnet may also be required to disclose information relating to the subsequent contract i.e. the name of the company, goods/services provided by the company, the value and duration of the contract, etc. in compliance with the Johannesburg Stock Exchange (JSE) Debt Listing Requirements.

DOMESTIC PROMINENT INFLUENTIAL PERSONS (DPIP) OR FOREIGN PROMINENT PUBLIC OFFICIALS (FPPO)

Transnet is free to procure the services of any person within or outside the Republic of South Africa in accordance with applicable legislation. Transnet shall not conduct or conclude business transactions, with any Respondents without having:

- Considered relevant governance protocols;
- Determined the DPIP or FPPO status of that counterparty; and
- Conducted a risk assessment and due diligence to assess the potential risks that may be posed by the business relationship.

As per the Transnet Domestic Prominent Influential Persons (DPIP) and Foreign Prominent Public Officials (FPPO) and Related Individuals Policy available on Transnet website https://www.transnet.net/search/pages/results.aspx?k=FPIDP#k=DPIP, Respondents are required to disclose any commercial relationship with a DPIP or FPPO (as defined in the Policy) by completing the following section:

The below form contains personal information as defined in the Protection of Personal Information Act, 2013 (the "Act"). By completing the form, the signatory consents to the processing of her/his personal information in accordance with the requirements of the Act. Consent cannot unreasonably be withheld.					
Is the Respondent *(Complete with a "Yes" or "No")*					
A DPIP/FPPO		**Closely Related to a DPIP/FPPO**		**Closely Associated to a DPIP/FPPO**	
List all known business interests, in which a DPIP/FPPO may have a direct/indirect interest or significant participation or involvement.					

No	**Name of Entity / Business**	**Role in the Entity / Business** (Nature of interest/ Participation)	**Shareholding %**	**Registration Number**	**Status** (Mark the applicable option with an X)	
					Active	**Non-Active**
1						
2						
3						

Respondents declaring a commercial relationship with a DPIP or FPPO are to note that Transnet is required to annually publish on its website a list of all business contracts entered into with DPIP or FPPO. This list will include successful Respondents, if applicable.

2. IMPORTED CONTENT

The Respondents must state hereunder the value and percentage of the imported content as well as the country of origin in respect of each item tendered for:

RFP ITEM NO / DESCRIPTION.	VALUE	% COST	COUNTRY OF ORIGIN

Note: Where more than one country is applicable to one item, the Respondents must furnish this information separately.

3. EXCHANGE AND REMITTANCE

The attention of the Respondents is directed to clause 17 *[Exchange and Remittance]* of the General Bid Conditions. If Transnet is requested by the Respondent to effect payment overseas direct to the Respondent's principal or supplier/service provider, which is not a registered South African Company please complete the details below, using the rate of exchange published by the South African Reserve Bank 7 [seven] calendar days before the closing date of this RFP:

3.1 ZAR 1.00 [South African currency] being equal to _____ *[foreign currency]*

3.2 _____ % in relation to tendered price(s) to be remitted overseas by Transnet

3.3 _____ [Name of country to which payment is to be made]

3.4 Beneficiary details:

Name [Account holder] _____

Bank [Name and branch code] _____

Swift code _____

Country _____

3.5 _____ [Applicable base date of Exchange Rate used]

Respondents are advised that should a contract be awarded for deliveries on an "as and when required" basis, any future remittance(s) to overseas principals/service providers, as instructed above, will be based on an agreed rate of exchange related to the contractual price of the Goods/Services at that time.

Respondents should note that Transnet would prefer to receive fixed price offers expressed in South African Rand [ZAR].

4. EXPORT CREDIT AGENCY SUPPORTED FINANCE

In order to finance its payment obligations under a future contract where foreign transactions are involved, Transnet may consider raising debt financing [an **ECA Facility**] from one or more banks or financial institutions, with the benefit of export credit agency [**ECA**] credit support to be provided by an ECA.

Under such circumstances the successful Respondent will agree to undertake:

a) to provide [and/or cause the Parent/OEM to provide, as applicable] to Transnet and the banks and financial institutions that may participate in the ECA Facility all such assistance as an importer of Goods and/or Services, which are eligible for ECA credit supported finance by an ECA, is generally required to provide for the purposes of obtaining ECA support;

b) not to do or [as Supplier of the relevant eligible Goods or services] omit to do anything, which may adversely affect Transnet's prospects of qualifying for or, once obtained, maintaining ECA credit support by an ECA in respect of an ECA Facility.

All cost, expenses, charges and liabilities incurred by Transnet in establishing an ECA Facility with credit support from an Export Credit Agency, may be for the account of Transnet.

5. SERVICE LEVELS

5.1 Bidder are requested to Refer to **Annexure G** for the draft Service Level Agreement.

Acceptance of Service Levels:

YES		**NO**	

6. TOTAL COST OF OWNERSHIP AND CONTINUOUS IMPROVEMENT INITIATIVES

6.1 Respondents shall indicate whether they would be committed, for the duration of any contract which may be awarded through this RFP process, to participate with Transnet in its continuous improvement initiatives to reduce the total cost of ownership [**TCO**], which will reduce the overall cost of transportation Goods/Services and related logistics provided by Transnet's operating divisions within South Africa to the ultimate benefit of all end-users.

Accepted:

YES		**NO**	

If "yes", please specify details in paragraph 6.2 below.

6.2 Respondents must briefly describe their commitment to TCO and continuous improvement initiatives and give examples of specific areas and strategies where cost reduction initiatives can be introduced. Specific areas and proposed potential savings percentages should be included. Additional information can be appended to the Respondent's Proposal if there is insufficient space available below.

_____

_____

____

7. RISK

Respondents must elaborate on the control measures put in place by their entity, which would mitigate the risk to Transnet pertaining to potential non-performance by the Respondent, in relation to:

7.1 **Quality and specification of Goods/Services delivered:**

_____

_____

____

7.2 **Continuity of supply**:

_____

_____

_____

7.3 **Compliance with the Occupational Health and Safety Act, 85 of 1993:**

_____

_____

_____

SIGNED at _____ on this _____ day of _____ 20___

SIGNATURE OF WITNESSES ADDRESS OF WITNESSES

1 _____ _____

Name _____ _____

2 _____ _____

Name _____ _____

SIGNATURE OF RESPONDENT'S AUTHORISED REPRESENTATIVE: _____

NAME: _____

DESIGNATION: _____

SECTION 5: PROPOSAL FORM AND LIST OF RETURNABLE DOCUMENTS

I/We_____

[name of entity, company, close corporation or partnership] of *[full address]*

_____

_____

carrying on business trading/operating as

_____

represented by_____

in my capacity as _____

being duly authorised thereto by a Resolution of the Board of Directors or Members or Certificate of Partners, dated _____to enter into, sign execute and complete any documents relating to this proposal and any subsequent Agreement. The following list of persons are hereby authorised to negotiate on behalf of the abovementioned entity, should Transnet decide to enter into Post Tender Negotiations with highest ranked bidder(s).

FULL NAME(S)	CAPACITY	SIGNATURE
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I/We hereby offer to supply/provide the abovementioned Goods/Services at the prices quoted in the schedule of prices in accordance with the terms set forth in the documents listed in the accompanying schedule of RFP documents.

I/We agree to be bound by those conditions in Transnet's:

(i) Master Agreement (which may be subject to amendment at Transnet's discretion if applicable);

(ii) General Bid Conditions; and

(iii) any other standard or special conditions mentioned and/or embodied in this Request for Proposal.

I/We accept that unless Transnet should otherwise decide and so inform me/us in the letter of award, this Proposal [and, if any, its covering letter and any subsequent exchange of correspondence], together with Transnet's acceptance thereof shall constitute a binding contract between Transnet and me/us.

Should Transnet decide that a formal contract should be signed and so inform me/us in a letter of award [the **Letter of Award**], this Proposal [and, if any, its covering letter and any subsequent exchange of correspondence] together with Transnet's Letter of Award, shall constitute a binding contract between Transnet and me/us until the formal contract is signed.

I/We further agree that if, after I/we have been notified of the acceptance of my/our Proposal, I/we fail to enter into a formal contract if called upon to do so, or fail to commence the supply/provision of Goods/Services within 2

[two] weeks thereafter, Transnet may, without prejudice to any other legal remedy which it may have, recover from me/us any expense to which it may have been put in calling for Proposals afresh and/or having to accept any less favourable Proposal.

Furthermore, I/we agree to a penalty clause/s which will allow Transnet to invoke a penalty against us for non-compliance with material terms of this RFP including the delayed delivery of the Goods/Services due to non-performance by ourselves, , etc.

I/we agree that non-compliance with any of the material terms of this RFP, including those mentioned above, will constitute a material breach of contract and provide Transnet with cause for cancellation.

ADDRESS FOR NOTICES

The law of the Republic of South Africa shall govern any contract created by the acceptance of this RFP. The *domicilium citandi et executandi* shall be a place in the Republic of South Africa to be specified by the Respondent hereunder, at which all legal documents may be served on the Respondent who shall agree to submit to the jurisdiction of the courts of the Republic of South Africa. Foreign Respondents shall, therefore, state hereunder the name of their authorised representative in the Republic of South Africa who has the power of attorney to sign any contract which may have to be entered into in the event of their Proposal being accepted and to act on their behalf in all matters relating to such contract.
Respondent to indicate the details of its *domicilium citandi et executandi* hereunder:
Name of Entity:

_____

Facsimile:

_____

Address:

_____

_____

NOTIFICATION OF AWARD OF RFP

As soon as possible after approval to award the contract(s), the successful Respondent [**the Supplier/Service provider**] will be informed of the acceptance of its Proposal. Transnet will also publish the outcome of the tender, including successful and unsuccessful bidders, in the National Treasury e-tender portal. Any unsuccessful bidder has a right to request reasons for the bid not to be successful and Transnet has a duty to provide those reasons on receipt of the request from the bidder.

VALIDITY PERIOD

Transnet requires a validity period of 180 Business Days [from closing date] against this RFP, excluding the first day and including the last day.

NAME(S) AND ADDRESS / ADDRESSES OF DIRECTOR(S) OR MEMBER(S)

The Respondent must disclose hereunder the full name(s) and address(s) of the director(s) or members of the company or close corporation [**C.C.**] on whose behalf the RFP is submitted.

(i) Registration number of company / C.C. _____

(ii) Registered name of company / C.C. _____

(iii) Full name(s) of director/member(s) Address/Addresses ID Number(s)

_____

_____

_____

RETURNABLE DOCUMENTS

Returnable Documents means all the documents, Sections and Annexures, as listed in the tables below. There are three types of returnable documents as indicated below and Respondents are urged to ensure that these documents are returned with their bids based on the consequences of non-submission as indicated below:

Mandatory Returnable Documents	***Failure to provide all these Mandatory Returnable Documents at the Closing Date and time of this RFP will result in a Respondent's disqualification.***
Returnable Documents Used for Scoring	***Failure to provide all Returnable Documents used for purposes of scoring a bid, by the closing date and time of this bid will not result in a Respondent's disqualification. However, Bidders will receive an automatic score of zero for the applicable evaluation criterion.***
Essential Returnable Documents	***Failure to provide essential Returnable Documents will result in Transnet affording Respondents a further opportunity to submit by a set deadline. Should a Respondent thereafter fail to submit the requested documents, this may result in a Respondent's disqualification.***

All Returnable Sections, as indicated in the header and footer of the relevant pages, must be signed, stamped and dated by the Respondent.

a) Mandatory Returnable Documents

Respondents are required to submit with their bid submissions the following **Mandatory Returnable Documents,** and also to confirm submission of these documents by so indicating [Yes or No] in the tables below:

MANDATORY RETURNABLE DOCUMENTS	SUBMITTED [Yes/No]
SECTION 4: Pricing Schedule and the following annexures: ANNEXURE A PRICING WORKBOOK – TPT ANNEXURE B PRICING WORKBOOK – TNPA ANNEXURE C PRICING WORKBOOK TCC DC AND RDC REFRESH ANNEXURE D CONSOLIDATED SUMMARY OF THE PRICING WORKBOOKS ***Note: Bidders are required to submit ALL- complete pricing schedules outlined above. Failure to do so will result in disqualification.***	

MANDATORY RETURNABLE DOCUMENTS		SUBMITTED [Yes/No]
The bidder must submit valid proof of accreditation, authorization, certification, or OEM partnership relevant to the hardware and software technologies proposed in its solution. Where multiple OEM technologies are proposed, accreditation or authorization must be provided for each OEM forming part of the proposed solution.	Accredited/Authorized/Certified by the OEM(s) relevant to the proposed solution.	
Hardware solution must be compatible with the existing Transnet backup environment, including backup software and backup appliances currently deployed by Transnet. Evidence of interoperability must be provided by the OEM	Transnet is currently licensed for Veeam backup solution and OceanProtect backup solution. The bidder must provide OEM-issued evidence in a form of documents or supporting technical materials, such as: Technical proposal, OEM White papers, Architecture diagrams, OEM Datasheets, OEM Product guides, OEM Screenshots or OEM compliance confirmation	
The bidder's proposed hardware, architecture and software specifications must meet or exceed the detailed specifications provided in the Scope of Work. Any deviation, substitution, or offering of lower-grade specifications will result in the bid being deemed non-responsive and disqualified from further evaluation	The bidder must provide OEM-issued evidence in a form of documents or supporting technical materials, such as: Technical proposal, OEM White papers, Architecture diagrams, OEM Datasheets, OEM Product guides, OEM Screenshots or OEM compliance confirmation	
The proposed hardware/Solution must comply fully with Transnet's support and maintenance requirements: 1. Five (5)-year maintenance coverage and support 2. 24×7×365 support availability 3. 1-Year hardware Warranty and support	The bidder must provide official OEM or platform documentation such as technical whitepapers, datasheets, or functional screenshots that explicitly confirms the capabilities of the specific product version being proposed.	
The bidder must demonstrate its capability to provide support services across all Transnet operating regions (KwaZulu-Natal, Gauteng, Eastern Cape, Western Cape, Limpopo, Northern Cape and Free State). In accordance with the scope of work and SLA	The bidder must provide response detailing the below in accordance with the scope of work and SLA: • Regional support coverage model • Contact details for support escalation per site • Ability to provide on-site support where required • Target response and resolution times	

MANDATORY RETURNABLE DOCUMENTS		SUBMITTED [Yes/No]
	Evidence must include at least one of the below: • Company-owned offices; and/or • Service delivery centres; and/or • OEM support arrangements; and/or • Partner or subcontractor support networks.	

b) Returnable Documents Used for Scoring

In addition to the requirements of section (a) above, Respondents are further required to submit with their Proposals the following **Returnable Documents Used for Scoring** and also to confirm submission of these documents by so indicating [Yes or No] in the table below:

RETURNABLE DOCUMENTS USED FOR SCORING	SUBMITTED [Yes or No]
Respondent's valid proof of evidence to claim points for compliance with Specific Goals' requirements (30% Sub-Contracting) as stipulated in Section 9 of this RFP. **Paragraph 7 of Section 9 must be completed.** *Sub-contracting agreements and Declaration* Valid B-BBEE certificates/ sworn affidavits of the subcontractors to be submitted	
Valid proof of Respondent's compliance to B-BBEE requirements stipulated in Section 9 of this RFP (Valid B-BBEE certificate or Sworn- Affidavit as per DTIC guidelines)	
All documents as per **Annexure E** - **Consolidated Technical Evaluation Criteria**	
Section 11 :30% Subcontracting Valid B-BBEE certificates/ sworn affidavits of the subcontractors to be submitted.	

c) Essential Returnable Documents:

Respondents are further required to submit the following **Essential Returnable Documents** with their RFP and to confirm submission of these documents by so indicating [Yes or No] in the table below:

CONTINUED VALIDITY OF RETURNABLE DOCUMENTS

ESSENTIAL RETURNABLE DOCUMENTS & SCHEDULES	SUBMITTED [Yes or No]
In the case of Joint Ventures, a copy of the Joint Venture Agreement or written confirmation of the intention to enter into a Joint Venture Agreement	
Latest Financial Statements signed by your Accounting Officer or latest Audited Financial Statements plus 2 previous years	
SECTION 1: SBD1 Form	
SECTION 2: Notice to Bidders	
SECTION 3: Background, Overview and Scope of Requirements	
SECTION 5: Proposal Form and List of Returnable documents	
SECTION 6: Certificate Of Acquaintance with RFP, Terms & Conditions & Applicable Documents	
SECTION 7: RFP Declaration and Breach of Law Form	
SECTION 8: RFP Clarification Request Form	
SECTION 9: Specific Goals Points Claim Form	
SECTION 10: ~~Certificate of attendance of compulsory RFP Briefing~~ Non Compulsory RFP Briefing	
SECTION 12: SBD 5	
SECTION 13: Protection of Personal Information	
ANNEXURE F: DRAFT MASTER AGREEMENT	
ANNEXURE G: SERVICE LEVEL REQUIREMENTS	
ANNEXURE H SERVICE CREDITS	
ANNEXURE I NON-DISCLOSURE AGREEMENT	
ANNEXURE J TRANSNET'S SUPPLIER INTEGRITY PACT	
ANNEXURE K TRANSNET'S GENERAL BID CONDITIONS	
ANNEXURE L SUPPLIER DECLARATION FORM	

The successful Respondent will be required to ensure the validity of all returnable documents, for the duration of any contract emanating from this RFP. Should the Respondent be awarded the contract [**the Agreement]** and fail to present Transnet with such renewals as and when they become due, Transnet shall be entitled, in addition to any other rights and remedies that it may have in terms of the eventual Agreement, to terminate such Agreement immediately without any liability and without prejudice to any claims which Transnet may have for damages against the Respondent.

SIGNED at _____ on this _____ day of _____ 20___

SIGNATURE OF WITNESSES ADDRESS OF WITNESSES

1 _____ _____

Name _____ _____

2 _____ _____

Name _____ _____

SIGNATURE OF RESPONDENT'S AUTHORISED REPRESENTATIVE: _____

NAME: _____

DESIGNATION: _____

SECTION 6: RFQ DECLARATION CERTIFICATE OF ACQUAINTANCE & BREACH OF LAW FORM WITH RFP

By signing this certificate the Respondent is deemed to acknowledge that he/she has made himself/herself thoroughly familiar with, and agrees with all the conditions governing this RFP. This includes those terms and conditions contained in any printed form stated to form part hereof, including but not limited to the documents stated below. As such, Transnet SOC Ltd will recognise no claim for relief based on an allegation that the Respondent overlooked any such term or condition or failed properly to take it into account for the purpose of calculating tendered prices or any other purpose:

1	Transnet's General Bid Conditions
2	Master Agreement and SLA attached
3	Transnet's Supplier Integrity Pact
4	Non-disclosure Agreement
5	Specifications and drawings attached to this RFP

Note: Should a Respondent be successful and awarded the bid, they will be required to complete a Supplier Declaration Form for registration as a vendor onto the Transnet vendor master database.

Should the Bidder find any terms or conditions stipulated in any of the relevant documents quoted in the RFP unacceptable, it should indicate which conditions are unacceptable and offer alternatives by written submission on its company letterhead, attached to its submitted Bid. 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. A material deviation from any term or condition may result in disqualification.

Bidders accept that an obligation rests on them to clarify any uncertainties regarding any bid to which they intend to respond on, before submitting the bid. **The Bidder agrees that he/she will have no claim or cause of action based on an allegation that any aspect of this RFP was unclear but in respect of which he/she failed to obtain clarity.**

The bidder understands that his/her Bid will be disqualified if the Certificate of Acquaintance with RFP documents included in the RFP as a returnable document, is found not to be true and complete in every respect.

SECTION 7: RFP DECLARATION AND BREACH OF LAW FORM

We hereby certify that:

1. Transnet has supplied and we have received appropriate responses to any/all questions [as applicable] which were submitted by ourselves for RFP Clarification purposes;

2. We have received all information we deemed necessary for the completion of this Request for Proposal [**RFP**];

3. We have been provided with sufficient access to the existing Transnet facilities/sites and any and all relevant information relevant to the Goods/Services as well as Transnet information and Employees, and have had sufficient time in which to conduct and perform a thorough due diligence of Transnet's operations and business requirements and assets used by Transnet. Transnet will therefore not consider or permit any pre- or post-contract verification or any related adjustment to pricing, service levels or any other provisions/conditions based on any incorrect assumptions made by the Respondent in arriving at his Bid Price.

4. At no stage have we received additional information relating to the subject matter of this RFP from Transnet sources, other than information formally received from the designated Transnet contact(s) as nominated in the RFP documents;

5. We are satisfied, insofar as our entity is concerned, that the processes and procedures adopted by Transnet in issuing this RFP and the requirements requested from Bidders in responding to this RFP have been conducted in a fair and transparent manner;

6. We have complied with all obligations of the Bidder/Supplier as indicated in the Transnet Supplier Integrity which includes but are not limited to ensuring that we take all measures necessary to prevent corrupt practices, unfairness and illegal activities in order to secure or in furtherance to secure a contract with Transnet;

7. we declare that an owner / member / director / partner / shareholder/employee of our entity **has / has not been** [delete as applicable] a former employee or board member of Transnet in the past 10 years. I further declare that if they were a former employee or board member of Transnet in the past 10 years that they **were/were not** involved in the bid preparation or had access to the information related to this RFP; and

8. If such a relationship as indicated in paragraph 7, exists, the Respondent is to complete the following section:

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

   _____

   _____

   Indicate nature of relationship with Transnet:

   _____

   _____

[Failure to furnish complete and accurate information in this regard will lead to the disqualification of a response and may preclude a Respondent from doing future business with Transnet. Information provided in the declarations may be used by Transnet and/or its affiliates to verify the correctness of the information provided]

9. 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 entity in the forthcoming adjudication process, we shall notify Transnet immediately in writing of such circumstances.

BIDDER'S DISCLOSURE (SBD4)

12 PURPOSE OF THE FORM

12.1 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.

12.2 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.

13 Bidder's declaration

13.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest[1] in the enterprise, employed by the state? **YES/NO**

13.1.1. 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.

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

13.2.1. If so, furnish particulars:

……

……

13.3 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**

13.3.1. If so, furnish particulars:

……

……

14 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:

14.1 I have read and I understand the contents of this disclosure;

14.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;

14.3 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 consortium[2] will not be construed as collusive bidding.

14.4 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.

14.5 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.

[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.

14.6 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.

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

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 12, 13 and 14 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.

BREACH OF LAW

We further hereby certify that *I/we* (the bidding entity and/or any of its directors, members or partners) ***have/have not been*** [delete as applicable] found guilty during the preceding 5 [five] years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences. This includes the imposition of an administrative fine or penalty.
Where found guilty of such a serious breach, please disclose:

NATURE OF BREACH:

_____

_____

DATE OF BREACH:_____

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

SIGNED at _____ on this _____ day of _____ 20___

For and on behalf of _____ duly authorised hereto	AS WITNESS:

Name:	Name:
Position:	Position:
Signature:	Signature:
Date:	Registration No of Company/CC
Place:	Registration Name of Company/CC

SECTION 8: RFP CLARIFICATION REQUEST FORM

RFP No: TCC/2026/03/0029/2277/RFP

RFP deadline for questions / RFP Clarifications: Before 16:00 pm on **09 October 2026**

TO:	Transnet SOC Ltd
ATTENTION:	Reetsang Modise
EMAIL	Reetsang.Modise@transnet.net
DATE:	_____
FROM:	_____
	_____

RFP Clarification No *[to be inserted by Transnet]* .....

REQUEST FOR RFP CLARIFICATION

_____
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SECTION 9 : 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 of as per the table below.

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF SPECIFIC GOALS, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000.

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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 above R50 000 000 (all applicable taxes included).

1.2 The value of this bid is estimated to 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 Transnet preferential procurement policy.

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

	POINTS
PRICE	**90**
B-BBEE LEVEL 1 AND 2	**3**
30% subcontracting to EMEs and or QSEs that are 51% Black Owned	**7**
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 for any of the specific goals together with the bid will be interpreted to mean that preference points 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) **"Ownership"** means 51% black ownership

(e) **"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;

(f) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);

(g) **"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);

(h) **"functionality"** means the ability of a bidder to provide goods or services in accordance with specification as set out in the bid documents

(i) **"Price"** includes all applicable taxes less all unconditional discounts.

(j) **"Proof of B-BBEE Status Level of Contributor"**

i) the B-BBBEE status level certificate issued by an authorised body or person;

ii) a sworn affidavit as prescribed by the B-BBEE Codes of Good Practice; or

iii) any other requirement prescribed in terms of the B-BBEE Act.

(k) **"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);

(l) **"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.

(m) **"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 $$Ps = 90\left(1 - \frac{Pt - P\min}{P\min}\right)$$

Where

Ps = Points scored for comparative price of bid under consideration

Pt = Comparative price of bid under consideration

Pmin = Comparative price of lowest acceptable bid

4. EVEDINCE 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
The promotion of supplier development through sub-contracting or JV for a minimum of 30% of the value of a contract to South African	Sub-contracting agreements and Declaration / Joint Venture Agreement and CIPC – B-BBEE Certificate / Sworn- Affidavit / B-BBEE CIPC Certificate as per DTIC guideline

Companies which are: I. EMEs and/or QSEs who are 51% black-owned	

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[3]	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.

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

6.1 B-BBEE Status Level of Contribution: . = …… (maximum of 3 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:

i) What percentage of the contract will be subcontracted.....%

ii) The name of the sub-contractor……..

iii) The B-BBEE status level of the sub-contractor……..

iv) Whether the sub-contractor is an EME or QSE.

(Tick applicable box)

YES		NO	

v) Specify, by ticking the appropriate box, if subcontracting with any of the following enterprises:

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

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

8.1 Name of company/firm:……

8.2 VAT registration number:……

8.3 Company registration number:……

8.4 TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

……
……

8.6 COMPANY CLASSIFICATION

- □ Manufacturer
- □ Supplier
- □ Professional Supplier/Service provider
- □ Other Suppliers/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 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 or any other matter required in terms of the Preferential Procurement Regulations, 2022 which will affect or has affected the evaluation of a bid 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……..

SECTION 10: NON- COMPULSORY RFP BRIEFING

A non-compulsory pre-proposal RFP briefing will be conducted on **MS Teams** on **02 October 2026** at **11:00** AM for a period of ± 2 hours. The briefing session will start punctually, and information will not be repeated for the benefit of Respondents arriving late.

Briefing Session Link

Microsoft Teams meeting

Join:

https://teams.microsoft.com/meet/367033259537372?p=gNyqGyUcqPMnvOdDXA

Meeting ID: 367 033 259 537 372

Passcode: RZ7om2wY

SECTION 11: JOB-CREATION SCHEDULE

(Please ensure that you return this schedule with your bid submission)

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, Respondents 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 bid.

Note that this undertaking is not required if a NIPP obligation is applicable to a Respondent's bid as indicated in Section 12. **Respondents are required to indicate below whether the NIPP obligation is applicable to their bid:**

YES		**NO**	

(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.

Year 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				
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 4	**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 5	**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				

SECTION 12: SBD 5

This document must be signed and submitted together with your bid

THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

INTRODUCTION

The National Industrial Participation Programme (NIPP), which is applicable to all government procurement contracts that have an imported content, became effective on the 1 September 1996. The NIP policy and guidelines were fully endorsed by Cabinet on 30 April 1997. In terms of the Cabinet decision, all state and parastatal purchases / lease contracts (for goods, works and services) entered into after this date, are subject to the NIPP requirements. NIPP is obligatory and therefore must be complied with. The Industrial Participation Secretariat (IPS) of the Department of Trade and Industry (DTI) is charged with the responsibility of administering the programme.

1. PILLARS OF THE PROGRAMME

1.1 The NIPP obligation is benchmarked on the imported content of the contract. Any contract having an imported content equal to or exceeding US$5 million or other currency equivalent to US$5 million will have a NIP obligation. This threshold of US$5 million can be reached as follows:

(a) Any single contract with imported content exceeding US$5 million.

or

(b) Multiple contracts for the same goods, works or services each with imported content exceeding US$3 million awarded to one seller over a 2 year period which in total exceeds US$5 million.

or

(c) A contract with a renewable option clause, where should the option be exercised the total value of the imported content will exceed US$5 million.

or

(d) Multiple suppliers of the same goods, works or services under the same contract, where the value of the imported content of each allocation is equal to or exceeds US$ 3 million worth of goods, works or services to the same government institution, which in total over a two (2) year period exceeds US$5 million.

1.2 The NIP obligation applicable to suppliers in respect of sub-paragraphs 1.1 (a) to 1.1 (c) above will amount to 30% of the imported content whilst suppliers in respect of paragraph 1.1 (d) shall incur 30% of the total NIPP obligation on a *pro-rata* basis.

1.3 To satisfy the NIPP obligation, the DTI would negotiate and conclude agreements such as investments, joint ventures, sub-contracting, licensee production, export promotion, sourcing arrangements and research and development (R&D) with partners or suppliers.

1.4 A period of seven years has been identified as the time frame within which to discharge the obligation.

2. REQUIREMENTS OF THE DEPARTMENT OF TRADE AND INDUSTRY

2.1 In order to ensure effective implementation of the programme, successful bidders (contractors) are required to, immediately after the award of a contract that is in excess of **R10 million** (ten million Rands), submit details of such a contract to the DTI for reporting purposes.

2.2 The purpose for reporting details of contracts in excess of the amount of R10 million (ten million Rands) is to cater for multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as provided for in paragraphs 1.1.(b) to 1.1. (d) above.

3. BID SUBMISSION AND CONTRACT REPORTING REQUIREMENTS OF BIDDERS AND SUCCESSFUL BIDDERS (CONTRACTORS)

3.1 Bidders are required to sign and submit this Standard Bidding Document (SBD 5) together with their bid documentation at the closing date and time of the bid.

3.2 In order to accommodate multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as indicated in sub-paragraphs 1.1 (b) to 1.1 (d) above and to enable the DTI in determining the NIPP obligation, successful bidders (contractors) are required, immediately after being officially notified about any successful bid with a value in excess of R10 million (ten million Rands), to contact and furnish the DTI with the following information:

- Bid number;
- Description of the goods or services;
- Date on which the contract was awarded;
- Name, address and contact details of the contractor;
- Value of the contract; and
- Imported content of the contract, if possible.

3.3 The information required in paragraph 3.2 above must be sent to the Department of Trade and Industry, Private Bag X 84, Pretoria, 0001 for the attention of Mr Elias Malapane within five (5) working days after award of the contract. Mr Malapane may be contacted on telephone (012) 394 1401, facsimile (012) 394 2401 or e-mail at Elias@thedti.gov.za for further details about the programme.

4. PROCESS TO SATISFY THE NIPP OBLIGATION

4.1 Once the successful bidder (contractor) has made contact with and furnished the DTI with the information required, the following steps will be followed:

a. the contractor and the DTIC will determine the NIPP obligation;
b. the contractor and the DTI will sign the NIPP obligation agreement;
c. the contractor will submit a performance guarantee to the DTI;
d. the contractor will submit a business concept for consideration and approval by the DTI;
e. upon approval of the business concept by the DTI, the contractor will submit detailed business plans outlining the business concepts;
f. the contractor will implement the business plans; and
g. the contractor will submit bi-annual progress reports on approved plans to the DTI.

4.2 The NIPP obligation agreement is between the DTI and the successful bidder (contractor) and, therefore, does not involve the purchasing institution.

Bid number …….. Closing date: ……

Name of bidder……

Postal address ……

……

Signature…….. Name (in print)……..

Date……..

SECTION 13: PROTECTION OF PERSONAL INFORMATION (For normal contract)

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 RFP, 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 RFP 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 RFP, 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 RFP (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 RFP, the Respondent is hereby consenting to the processing of their personal information for the purpose of this RFP 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 RFP 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