

TRANSNET FREIGHT RAIL
a Division of
TRANSNET LIMITED
(Registration No. 1990/000900/06)

REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND

ISSUE DATE : 25 MAY 2011

CLOSING DATE : 14 JUNE 2011

OPTION DATE : 30 SEPTEMBER 2011

CLOSING TIME : 10:00

BRIEFING DATE : 02 JUNE 2011

BRIEFING TIME : 10H00

VENUE : SENTRARAND

For Directions please contact Martin Lamprecht (083 458 1367)

TENDER BOX

ALLOCATED AT THE CHAIRPERSON TRANSNET FREIGHT RAIL ACQUISITION COUNCIL, GROUND FLOOR, INYANDA HOUSE 1, 21 WELLINGTON ROAD, PARKTOWN, AND JOHANNESBURG.

TENDER ENVELOPE TO BE MARKED AS FOLLOWS:

RFQ NUMBER: CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND please note that late responses and those Delivered or posted to the wrong address will be disqualified





REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER : CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND

SCHEDULE OF DOCUMENTS

- 1. Notice to Bidders
- 2. Requisition for quotation
- 3. Certificate of Attendance of RFQ Information meeting
- 4. Scope of Work and General specification
- 5. Returnable Schedules / Documents
- 6. Supplier Declaration Form
- 7. General Tender Conditions (C\$\$5 goods)
- 8. Standard Terms and Conditions of Contract (US7 Services)
- 9. Non-Disclosure Agreement
- 10. Supplier Code of Conduct





REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER: CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND **NOTICE TO BIDDERS**

Quotations are requested from interested Respondents to supply the above-mentioned requirement to TRANSNET FREIGHT RAIL.

On or after 25/05/2011 the RFQ documents may be inspected at, and are obtainable from the office of TRANSNET Freight Rail Tender Advice Centre, Ground Floor, Inyanda 1, 21Wellington Road, Park town.

A non-refundable tender fee of R100.00 (inclusive of Vat) is applicable per tender (listed below). Payment is to be made to Transnet Freight Rail, Standard Bank Account number 203158598, Branch code 004805. The deposit slip must reflect the tender number and the Company Name.

NOTE: This amount is not refundable.

Receipts to be presented prior to collection of the RFQ

A **COMPULSORY** information meeting will be held at the following venue:

VENUE MAIN ADNIN BUILDING SENTRARAND

10h00 Time

02 JUNE 2011 Date

The site meeting is compulsory and companies not attending will be overlooked during the tender awarding process.

Please bring the valid document on the day of briefing and also make sure that you bring your safety shoes and reflective vest on site

NAME Esther Tyam Tel (011) 773 8557

Email Esther.Tyam@transnet.net

Tenders in duplicate must reach the Chairperson, TRANSNET Freight Rail Acquisition Council, Po box 4244, Johannesburg 2000 before the closing hour on the date shown below, and must be enclosed in a sealed envelope which must have inscribed on the outside:

Tender No: CRAC/JHB/7422: Description: SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND

Closing date and time: 14 JUNE 2011 at 10h0

Closing address (refer options below)



DELIVERY INSTRUCTIONS FOR TH

- <u>If posted</u>, the envelope must be addressed to the Chairperson, TRANSNET Freight Rail Acquisition Council, P.O. Box 4244, Johannesburg 2000 and must be dispatched in time for sorting by the Post Office to reach the Chairperson before the closing time of the RFQ. In the event of the late receipt of a Proposal, the Respondent's franking machine impression will not be accepted as proof that the response was posted in time.
- <u>If delivered by hand</u>, the envelope is to be deposited in the TRANSNET tender box which is located at the main entrance, Inyanda House,21 Wellington road, Park town, Johannesburg and should be addressed as follows:

THE CHAIRPERSON

TRANSNET FREIGHT RAIL ACQUISITION COUNCIL

INYANDA HOUSE

21 WELLINGTON ROAD

PARKTOWN

JOHANNESBURG

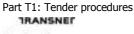
2001

The measurements of the "tender slot" are 500mm wide x 100mm high, and Respondents must please Ensure that response documents or files are not larger than the above dimensions. Responses which are Too bulky (i.e. more than 100mm thick) must be split into two or more files, and placed in separate Envelopes.

It should also be noted that the above tender box is located at the main entrance and is accessible to the public 24 hours per day, 7 days a week.

- <u>3</u> <u>If dispatched by courier</u>, the envelope must be addressed as follows and delivered to the Office of The Chairperson, TRANSNET Freight Rail Acquisition Council and a signature obtained from that Office.
- 1. Please note that this RFQ closes punctually at 10:00 on Tuesday 14 JUNE 2011
- 2. If responses are not posted or delivered as stipulated herein, such responses will not be considered and will be treated as "UNRESPONSIVE".
- 3. NO EMAIL OR FACSIMILE RESPONSES WILL BE CONSIDERED
- 4. The responses to this RFQ will be opened as soon as practicable after the expiry of the time advertised for receiving them.
- 5. TRANSNET shall not, at the opening of responses, disclose to any other company any confidential details pertaining to the Quotations received, i.e. pricing, delivery, etc. The names and location of the Respondents will, however, be divulged to other Respondents upon request.
- 6. Envelopes must not contain documents relating to any RFQ other than that shown on the envelope.
- 7. No slips are to be attached to the response documents. Any additional conditions must be embodied in an accompanying letter. Alterations, additions or deletions must not be made by the Respondent to the actual RFQ documents.

8. BROAD-BASED BLACK ECONOMIC EMPOWERMENT ("BBBEE")



Tender Page 4 T1.2
Part T1: Tender procedures Tender Data

TRANSNET fully endorses and supports the South African Government's Broad-Based Black Economic Empowerment Programme and it is strongly of the opinion that all business enterprises have an equal obligation to redress the imbalances of the past. TRANSNET would therefore prefer to do business with business enterprises who share these same values and who are prepared to contribute to meaningful BBBEE initiatives (including and not limited to enterprise development, subcontracting and Joint Ventures) as part of their tender response.

Transnet would accordingly allow a "preference" in accordance with the 10% preference system, as per the Preferential Procurement Policy Framework Act 5 of 2000 (as amended) to companies who provide a BBBEE accreditation Certificate. All procurement and disposal transactions in excess of R30000 will be evaluated accordingly. All transactions below R 30,000 will as far as possible be earmarked for EME's.

TRANSNET consequently urges Respondents (Large enterprises and QSE's – see below) to have themselves duly accredited by any one of the Accreditation Agencies **approved** by SANAS (South African National Accreditation System, under the auspices of the DTI).

In terms of Government Gazette No. 32467, Notice No. 810 dated 31 July 2009, as from 1 February 2010 only BBBEE certificates issued by Accredited Verification Agencies of Verification Agencies that are in possession of a valid pre-assessment letter from South African National Accreditation System will be valid.

However accreditation certificates issued by non-accredited verification agencies before 01 February 2010 and which are still within their one (1) year validity period will still be acceptable, until their expiry date provided that the accreditation was done in accordance with the latest codes (i.e. those promulgated on 9 February 2007).

BBBEE Accreditation Certificates issued after the published date i.e. 01 February 2010, by a Verification Agency not approved by SANAS, will NOT be acceptable as from 01 February 2010.

Enterprises will be rated by such Accreditation Agencies based on the following:

- (a) Large Enterprises (i.e. annual turnover >R35 million):
 - Rating level based on all 7 (seven) elements of the BBBEE scorecard
 - Enterprises to provide BBBEE certificate and detailed scorecard (to be renewed annually)
- (b) Qualifying Small Enterprises QSE (i.e. annual turnover >R5 million but <R35 million):
 - Rating based on any 4 (four) of the elements of the BBBEE scorecard
 - Enterprises to provide BBBEE certificate and detailed scorecard (to be renewed annually)
 - Exempted Micro Enterprises EME (i.e. annual turnover <R5m are exempted from being rated or verified):
 - Automatic BBBEE Level 4 rating, irrespective of race ownership, i.e. 100% BBBEE recognition
 - ➤ Black ownership >50% or Black Women ownership >30% automatically qualify as Level 3 BBBEE rating, i.e. 110% BBBEE recognition



Part T1: Tender procedures

EME's should provide documentary proof of annual turnover (i.e. audited financials) plus proof of Black ownership if Black ownership >50% or Black Women ownership >30% (to be renewed annually) from their Auditors / Accounting Officers

In addition to the above, Respondents who wish to enter into a Joint Venture (JV) or subcontract portions of the contract to BBBEE companies must state in their Tenders / Proposals the percentage of the total contract value which would be allocated to such BBBEE companies, should they be successful in being awarded any business. A rating certificate in respect of such BBBEE JV-partners and/or sub-contractors, as well as a breakdown of the distribution of the aforementioned percentage allocation must also be furnished with the tender response to enable Transnet to evaluate / adjudicate on all tenders received on a fair basis.

Each Respondent is required to furnish proof of its BBBEE status (Certificate and Detailed Scorecard) and ensure that the documentation is valid at the date of Tender Submission as stipulated above to TRANSNET.

Failure to submit your BBBEE Certificate and Detailed Scorecard will result in a score of zero being allocated for BBBEE evaluation.

| Ť | Turnover: | Indicate your company's | most recent annu | ual turno | ver: | |
|---|-----------|-------------------------|------------------|-----------|------|--|
| | | R | | | | |

- If annual turnover <R5m, please attach auditors / accounting officers letter confirming annual turnover and percentage black ownership as well as Black Women ownership
- If annual turnover >R5m please attach BBBEE certificate and detailed scorecard from an accredited rating agency.

The DTI has created an online B-BBEE Registry (http://www.dti.gov.za) in order to provide a central and standardized source of the B-BBEE status of all entities, and to facilitate the flow of this information amongst entities by providing a Unique Profile Number (UPN) per each listing. Existing and prospective suppliers are therefore urged to list their B-BBEE status on the DT Registry. Hence, entities verified by DTI, will receive the following benefits:

- Their BBBEE status will be verified and confirmed by the DTI, before listing on the Registry
- Listing on the Registry will provide suppliers the option to market themselves on the DTI B-BBEE Opportunities Network. This is a search engine that is designed to help businesses find B-BBEE compliant entities who match specific requirements in terms of the nature of services/goods provided, region, B-BBEE status or other search criteria.

Transpet supports this DTI initiative and will use the DTI Registry to verify prospective and existing suppliers' BBBEE credentials.

Kindly provide Transnet with your DTI B-BBEE UNIQUE PROFILE NUMBER with all tender submissions.

| DTI BBBEE UNIQUE PROFILE NUMBER: | |
|----------------------------------|--|
| | |

Failure to submit your BBBEE information in terms of the above-mentioned clauses will result in a score of zero being allocated for BBBEE evaluation.

9 COMMUNICATION

Part T1: Tender procedures



Tender

Page 6 T1.2 Tender Data

Respondents are warned that a response will be liable to disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer(s) or employee of TRANSNET in respect of an RFQ between the closing date and the date of the award of the business.

A respondent may, however, BEFORE THE CLOSING DATE AND TIME, direct any enquiries relating to the RFQ to the TRANSNET employee as indicated in (2) above.

10. RFQ SCHEDULE

Respondents will be contacted as soon as practicable with a status update. At this time short-listed Respondents may be asked to meet with TRANSNET representatives. Respondents are to provide a list of persons who are mandated to negotiate on behalf of their company, together with their contact details.

10.1 INSTRUCTIONS FOR COMPLETING THE RFQ

- (i) Sign one set of documents (sign and date the bottom of each page). This set will serve as the legal and binding copy. A duplicate set of documents is required. This second set can be a copy of the original signed Proposal.
- (ii) Both sets of documents to be submitted to the address specified above.
- (iii) The following returnable documents must accompany all Proposals:
 - The Respondent's latest audited financial statements;
 - The Respondent's valid Tax Clearance Certificate.
 - A CD copy where applicable

11. COMPLIANCE

The Respondent shall be in full and complete compliance with any and all applicable State and Local Laws and Regulations.

12. ADDITIONAL NOTES:

- All returnable documents as indicated in the Proposal Form (Section 3) must be returned with the response
- Changes by the Respondent to its submission will not be considered after the closing date
- The person or persons signing the Proposal must be legally authorized by the Respondent to do so (Refer Section 4). A list of those person(s) authorized to negotiate on your behalf must be submitted along with the Proposal
- All prices must be quoted in South African Rand
- TRANSNET reserves the right to undertake post-tender negotiations with the preferred Respondent or any number of short-listed Respondents

NB: Unless otherwise expressly stated, all Proposals furnished pursuant to this Request shall be deemed to be offers. Any exceptions to this statement must be clearly and specifically indicated. TRANSNET reserves the right to reject any or all offers.

FAILURE TO OBSERVE ANY OF THE ABOVE-MENTIONED REQUIREMENTS MAY RESULT IN THE PROPOSAL BEING REJECTED.

13. DISCLAIMERS

Respondents are hereby advised that TRANSNET is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Proposal in response to it. In particular, please note that TRANSNET reserves the right to:

- modify the RFQ's Goods or Services and request Respondents to re-bid on any changes
- reject any Proposal which does not conform to instructions and specifications which are detailed herein
- disqualify Proposals submitted after the stated submission deadline

Tender Page 7 T1.2
Part T1: Tender procedures Tender Data



- not necessarily accept the lowest priced Proposal
- · reject all Proposals, if it so decides
- award a contract in connection with this Proposal at any time after the RFQ's closing date
- award only a portion of the proposed Goods or Services which are reflected in the scope of this RFQ
- split the award of the contract between more than one Supplier
- make no award of a contract

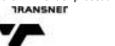
Kindly note that TRANSNET will not reimburse any Respondent for any preparation costs or other work

Performed in connection with the Proposal, whether or not the Respondent is awarded a contract.

14. Any PROPOSAL submitted by a Respondent is subject to negotiation and review of the proposed contract by Trans net's Legal Counsel.

| NAME OF RESPONDENT: | | |
|--------------------------|--|--|
| PHYSICALADDRESS: | | |
| _ | | |
| Indent's contact person: | Name: Designation: Telephone: Cell phone: Facsimile: Email: | |
| | 7. | |

TRANSNET urges its clients and suppliers to report
Any fraud or corruption
On the part of Transnet' employees to
TIP-OFFS ANONYMOUS: 0800 003 056



SECTION 2

REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER : CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN **BUILDING SENTRARAND**

| REQUISITION | N FOR QUOTATION | |
|-----------------|--|-----------------------|
| | | SUPPLY CHAIN SERVICES |
| COMPANY | | |
| NAME: | | |
| | | Contact: Esther Tyam |
| | | Tel: 011 773 8557 |
| | | Fax:011 773-2020 |
| | | |
| Tel (011) | | |
| Fax (011) | | |
| | | |
| ISSUE DATE | 25 -05- 2011 | |
| | | |
| CLOSING | | |
| DATE | 14-05 2011 (10h00) | |
| 1 | | |
| | ith African currency, including all costs. | |
| Direct to | | |
| consignees | | |
| ITEM NO: | DESCRIPTION | |
| | SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT | |
| 1. | MAIN ADMIN BUILDING SENTRARAND | |
| | | |
| | | |
| • | or the service | |
| 2.Prices mus | st be V.A.T. exclusive | |
| 3. Direct deliv | | |
| | Esther Tyam 011 773-8557 / | |
| 4.Contact pe | | |
| 5.COMPULS | ARY DOCUMENTS | |

NOTE

:5.1.Return of tender documents

The tender documents must be submitted on the closing date in duplicate and failure To do so will automatically disqualify your offer.

5.2. The following documents are compulsory, and they must be attached to the tender document If it's a copy must be certified

If **Not** your tender will not be considered.

- a) Tax Clearance Certificate
- b) Supplier Declaration Form
- c) Current Vat Registration No.
- d) BBBEE level certification and Score Card



Part T1: Tender procedures

6. FRAUD HOTLINE

Transnet strives to be fair, equitable and just in all its dealings with tenderers. As such we encourage all tenderers to report any practice, activity or information that they are aware of or become aware of which may result in any perception of or actual fraud being committed against or in the name of Transnet. The hotline details are:-

Hotline telephone: 0800 003 056

Date:

Email: <u>transnet@tip-offs.com</u>

Fax: 0800 007 788

All information received will be treated with the utmost confidentiality

7. BUSINESS ADJUDICATION CRITERIA:

7.1."Order winning criteria"

7.1.1.Competitive pricing

7.2."Technical"

7.3. Compliance to specification

7.4. Delivery / Schedule

7.2.1 Previous experience repairs & maintenance

7.3."BBBEE" Certificate

7.3.1.Provide BBBEE level Certification

SIGNATURE OF TENDERER:

Tender
Part T1: Tender procedures



Page 10

T1.2 Tender Data

SECTION 3

REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER: CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND **CERTIFICATE OF ATTENDANCE**

8. RFQ SITE MEETING:

A **COMPULSORY** information meeting will be held at the following venue:

PPE OR SAFETY CLOTHING MUST WORN AT ALL TIMES

| VENUE | MAIN ADMIN BIIII DING SENTRARAND |
|-------|----------------------------------|

Time 10:00

Date 02 JUNE 2011

The site meeting is compulsory and companies not attending will be overlooked during the tender awarding process.

Contact people on sites: (Esther Tyam) 8.1. ATTENDANCE CERTIFICATE This is to certify that..... Representative/s of Has/have today attended the Tender briefing in respect of the proposed: TRANSNET'S REPRESENTATIVE TENDERER'S REPRESENTATIVE DATE VERY IMPORTANT ANY TENDERER NOT ATTENDING THE INFORMATION MEETING WILL AUTOMATICALLY BE **EXCLUDED FROM THE BUSINESS AWARDING PROCESS** SIGNATURE OF TENDERER: Date:

REFERENCES

Part T1: Tender procedures



COMPANY INFORMATION

9. STATEMENT OF WORK (S) SUCCESSFULLY CARRIED OUT BY THE TENDERER:

Tenderes are to advise which other companies have they successfully provided or are currently providing similar services.

| For whom done | Period | Contact person and Telephone or Cell number |
|---------------|---------------|---|
| | | |
| | | |
| | |) v |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| N | | |
| | For whom done | For whom done Period |

| SIGNATURE OF TENDERER: | Date: |
|------------------------|-------|
| | |
| | |



SECTION 4

REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER: CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND

SCOPE OF WORK

NEW VRV AIR-CONDITIONING MAIN ADMIN BUILDING SENTRARAND

SYSTEM POWER

| System | Volts | Min Circuit Amps | Running Amps | Starting Amps | Unit Capacity CC / HC | Location | |
|----------|-------------------------|------------------------|----------------------|------------------|-----------------------------|-------------|---|
| System A | 400 V 3 Nph | 18.5 | 8.2 | 70 | 7.8 kW | See Drawing | |
| System B | 400 V 3 Nph | 20.5 | 9.2 | 72 | 10.5 kW | See Drawing | " |
| System C | 400 V 3 Nph | 22.7 | 11.3 | 75 | 13.0 kW | See Drawing | " |
| | | | | | | | |
| System 1 | 400 V 3 Nph | 22.7 18.5 | 11.3 8.2 | 75 70 | 48.6 / 49.8 kW | See Drawing | " |
| System 2 | 400 V 3 Nph | 22.7 18.5 | 11.3 8.2 | 75 70 | 48.6 / 49.8 kW | See Drawing | " |
| System 3 | 400 V 3 Nph | 31.5 21.6 | 21.3 11.3 | 85 74 | 63.5 / 68.4 kW | See Drawing | " |
| System 4 | 400 V | 31.5 31.5 | 21.3 18.4 | 85 | 73.9 / 70.1 kW | See Drawing | " |
| System 5 | 3 Nph 400 V | 31.5 | 21.3 | 84 85 | 73.9 / 70.1 | See Drawing | " |
| System 6 | 3 Nph 400 V 3 Nph | 31.5 22.7 22.7 | 18.4 11.3 11.3 | 84 75 75 | kW 58.2 / 55.4 kW | See Drawing | " |

| System | Volts | Min Circuit Amps | Running Amps | Starting Amps | Unit Capacity CC / HC | Location |
|-------------------------------|----------------|------------------------|-----------------|------------------|-----------------------------|--|
| System A – Fresh Air | | | | | Unit Size | Location |
| 1 - Hide A Way Unit | 240 V 1 Nph | 8.5 | 1.5 | 16 | 7.8 kW | Ground Floor Plant Room for 4 x 11.2 kW |

Tender Part T1: Tender procedures TRANSNER



T1.2



Supply and Installation of
Air-Conditioning Equipment
Main Admin Building
Sentrarand Bapsfontein.

Air Flow Rate
20 – 22
CS 90 Equipment
Room and 4 x 11.2
kW Under Ceiling
Units in Old Computer
Room

| System B – Fresh Air | | | | | Unit Size | Location |
|-------------------------|-------|------|-----|----|---------------|--|
| 1 - Hide A | 240 V | 11.2 | 2.7 | 23 | 10.5 kW | First Floor Plant Room for 5 x 14.0 kW |
| Way Unit | 1 Nph | | | | Air Flow Rate | Cassette Units in CTC |
| | | | | | 26 – 28 | Office and Board |
| | | | | | m³/min | Room |
| | | | | | 111 /111111 | Room |
| | | | | | | |
| System C - | | | | | Unit Size | Location |
| Fresh Air | | | | | | |
| 1 - Hide A | 240 V | 13.8 | 5.6 | 30 | 13.0 kW | First Floor Plant Room |
| Way Unit | 1 Nph | | | | | for 6 x 14.0 kW |
| • | - | | | | Air Flow Rate | Cassette Units in |
| | | | | 1 | 35 - 40 | Lecture / Board Room |
| | | | | | m³/min | and Tea Room |

| System | Volts | Min Circuit Amps | Running Amps | Starting Amps | Unit Capacity CC / HC | Location |
|----------------------------------|----------------|------------------------|-----------------|------------------|-----------------------------|--|
| System 1 | | | | | Unit Size | Location |
| 1 - Under Ceiling Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 11.2 kW | Ground Floor - CS 90 Equipment Room – Room32 |
| 2 - Under Ceiling Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 11.2 kW | Ground Floor - CS 90 Equipment Room – Room32 |
| 3 - Under Ceiling Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 11.2 kW | Ground Floor - CS 90 Equipment Room – |
| Tender Part T1: Tender pro | cedures | | Page 14 | | | T1.2 Tender Data |



| Transnet Freight Rai A Division of Transne | | | | | | Supply and Installation of Air-Conditioning Equipment Main Admin Building Sentrarand Bapsfontein. |
|---|----------------|-----|---------|----------|------------------|--|
| 4 - Under Ceiling Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 11.2 kW | Room32 Ground Floor - CS 90 Equipment Room – Room32 |
| 5- Future Point ** | 240 V 1 Nph | 5.5 | 2.3 | 16 | 11.2 kW | Ground Floor - CS 90 Equipment Room – Room32 |
| System 2 | | | | | Unit Size | Location |
| 1 - Under | 240 V | 5.5 | 2.3 | 16 | 11.2 kW | Ground Floor - Old |
| Ceiling Unit | 1 Nph | | | | | Computer Room – |
| 2 - Under | 240 V | F | 0.0 | 16 | 11 2 1/1/ | Room36 |
| Ceiling Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 11.2 kW | Ground Floor - Old Computer Room – |
| Celling Offic | пирп | | | | | Room36 |
| 3 - Under | 240 V | 5.5 | 2.3 | 16 | 11.2 kW | Ground Floor - Old |
| Ceiling Unit | 1 Nph | | | | | Computer Room – |
| - | - | | | | | Room36 |
| 4 - Under | 240 V | 5.5 | 2.3 | 16 | 11.2 kW | Ground Floor - Old |
| Ceiling Unit | 1 Nph | | | | | Computer Room – |
| 5 - Future | 240 V | 5.5 | 2.3 | 16 | 11.2 kW | Room36 Ground Floor - Old |
| Point ** | 1 Nph | 0.0 | 2.0 | | 71.2 KVV | Computer Room – |
| | • | | | | • | Room36 |
| | | | 1 | | | |
| System | Volts | Min | Running | Starting | Unit | Location |

| System | Volts | Min Circuit Amps | Running Amps | Starting Amps | Unit Capacity CC / HC | Location |
|----------------------|--------|------------------------|-----------------|------------------|-----------------------------|-------------------------|
| System 3 | | | | | Unit Size | Location |
| 1 – Round | 240 V | 5.5 | 2.3 | 16 | 14.0 kW | First Floor – Lecture / |
| Flow | 1 Nph | | | | | Board Room |
| Cassette | | | | | | |
| Unit | | | | | | |
| 2 – R/F | 240 V | 5.5 | 2.3 | 16 | 14.0 kW | First Floor – Lecture / |
| Cassette | 1 Nph | | | | | Board Room |
| Unit | | | | | | |
| 3 – R/F | 240 V | 5.5 | 2.3 | 16 | 14.0 kW | First Floor – Lecture / |
| Cassette | 1 Nph | | | | | Board Room |
| Unit | | | | | | |
| 4 – R/F | 240 V | 5.5 | 2.3 | 16 | 14.0 kW | First Floor – Lecture / |
| Cassette | 1 Nph | | | | | Board Room |
| Unit | 04014 | | 0.0 | 40 | 440111 | Et al Elasa Tara Bassa |
| 5 – R/F | 240 V | 5.5 | 2.3 | 16 | 14.0 kW | First Floor –Tea Room |
| Cassette | 1 Nph | | | | | |
| Tender | | | Page 15 | | | T1.2 |
| Part T1: Tender proc | edures | | | | | Tender Data |

Part T1: Tender procedures TRANSNET



240 V

1 Nph

1 Nph

5.5

2.3

Unit **6 –** R/F

Unit

Cassette

Cassette

Unit

Supply and Installation of Air-Conditioning Equipment Main Admin Building Sentrarand Bapsfontein.

First Floor - Tea

Room

Room

| System 4 1 – Round | 240 V | 5.5 | 2.3 | 16 | Unit Size 14.0 kW | Location First Floor – CTC |
|----------------------------|----------------|-----|-----|----|-----------------------------|-------------------------------|
| Flow | 1 Nph | | | | | |
| Cassette Unit | | | | | | |
| 2 – R/F Cassette | 240 V 1 Nph | 5.5 | 2.3 | 16 | 14.0 kW | First Floor – CTC |
| Unit 3 – R/F Cassette | 240 V 1 Nph | 5.5 | 2.3 | 16 | 14.0 kW | First Floor – CTC |
| Unit 4 - R/F Cassette Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 14.0 kW | First Floor – Board Room |
| 5 – R/F | 240 V | 5.5 | 2.3 | 16 | 14.0 kW | First Floor – Board |

16

14.0 kW

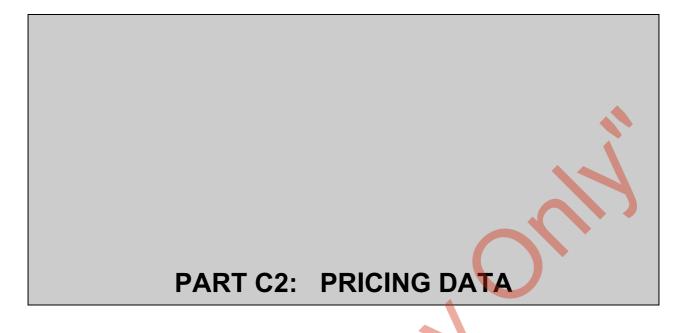
| System | Volts | Min Circuit Amps | Running Amps | Starting Amps | Unit Capacity CC / HC | Location |
|----------------------------------|----------------|------------------------|-----------------|------------------|-----------------------------|-------------------------------------|
| System 5 | | | | | Unit Size | Location |
| 1 - Mid Wall Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 5.6 kW | Ground Floor – Workshop |
| 2 - Mid Wall Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 3.6 kW | Ground Floor – Workshop Office |
| 3 - Mid Wall Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 5.6 kW | Ground Floor – Workshop |
| 4 - Mid Wall Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 3.6 kW | Ground Floor – Workshop Office |
| 5 - Mid Wall Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 3.6 kW | First Floor Ops Room |
| 6 - Mid Wall Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 3.6 kW | First Floor Ops Room |
| 7 - Under Ceiling Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 7.1 kW | Ground Floor Relay Room – Room23 |
| 8 - Under Ceiling Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 7.1 kW | Ground Floor Relay Room – Room44 |
| 9 - Under Ceiling Unit | 240 V 1 Nph | 5.5 | 2.3 | 16 | 7.1 kW | First Floor File Room |

Tender Page 16 T1.2 Part T1: Tender procedures Tender Data



| | | | | | | Sentrarand Bapstontein. |
|--------------------|-------|-----|-----|----|--------|-------------------------|
| 10 - Under | 240 V | 5.5 | 2.3 | 16 | 7.1 kW | First Floor Lecture |
| Ceiling Unit | 1 Nph | | | | | Room |
| 11 - Under | 240 V | 5.5 | 2.3 | 16 | 7.1 kW | First Floor Office |
| Ceiling Unit | 1 Nph | | | | | |
| 12 - Under | 240 V | 5.5 | 2.3 | 16 | 7.1 kW | First Floor Office |
| Ceiling Unit | 1 Nph | | | | | |
| 13 - Under | 240 V | 5.5 | 2.3 | 16 | 7.1 kW | First Floor Office |
| Ceiling Unit | 1 Nph | | | | | |
| 14 - Future | 240 V | 5.5 | 2.3 | 16 | 7.1 kW | First Floor Office |
| Point ** | 1 Nph | | | | | |
| | | | | | | |

| System | Volts | Min Circuit Amps | Running Amps | Starting Amps | Unit Capacity CC / HC | Location |
|---------------------|-------|------------------------|-----------------|------------------|-----------------------------|----------------------------|
| System 6 | | - | | | Unit Size | Location |
| 1 - Under | 240 V | 5.5 | 2.3 | 16 | 7.1 kW | Ground Floor Office |
| Ceiling Unit | 1 Nph | | | | | |
| 2 - Under | 240 V | 5.5 | 2.3 | 16 | 7.1 kW | Ground Floor Office |
| Ceiling Unit | 1 Nph | | | | | |
| 3 - Mid Wall | 240 V | 5.5 | 2.3 | 16 | 5.6 kW | First Floor Office |
| Unit | 1 Nph | | | | | |
| 4 - Mid Wall | 240 V | 5.5 | 2.3 | 16 | 5.6 kW | First Floor Office |
| Unit | 1 Nph | | | | • | |
| 5 - Mid Wall | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | Ground Floor Office |
| Unit | 1 Nph | | | | | |
| 6 - Mid Wall | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | Ground Floor Office |
| Unit | 1 Nph | | | | | |
| 7 - Mid Wall | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | Ground Floor Office |
| Unit | 1 Nph | | 13 | | | |
| 8 - Mid Wall | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | Ground Floor Office |
| Unit | 1 Nph | | | | | |
| 9 - Mid Wall | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | First Floor Office |
| Unit | 1 Nph | | | | | |
| 10 - Mid | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | First Floor Office |
| Wall Unit | 1 Nph | | | | | |
| 11 - Mid | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | First Floor Office |
| Wall Unit | 1 Nph | | | | | |
| 12 - Mid | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | First Floor Office |
| Wall Unit | 1 Nph | | | | | |
| 13 - F uture | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | First Floor Office |
| Point ** | 1 Nph | | | | | |
| 14 - Future | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | First Floor Office |
| Point ** | 1 Nph | | | | | |
| 15 - Future | 240 V | 5.5 | 2.3 | 16 | 3.6 kW | Ground Floor Office |
| Point ** | 1 Nph | | | | | |



Part C2: PRICING DATA INDEX

Section Description

C2.1 PRICING INSTRUCTIONS

Tenderer's shall state the unit costs of each service cycle, and prices of equipment (Spares) as specified on the sheet provided.

2.1 General

- 2.1.1 The agreement is based on the NEC Term Service Contract. The contract specific variables are as stated in the contract data. Only the headings and clause numbers for which allowance must be made in the Price List are recited.
- 2.1.2 Preliminary and general requirements are based on part 1 of SANS 1921, Construction and management requirements for works contracts. The additions, deletions and alterations to SANS 1921 as well as the contract specific variables are as stated in the contract data. Only the headings and clause numbers for which allowance must be made in the Price List are recited.
- 2.1.3 It will be assumed that prices included in the Price List are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders.
- 2.1.4 The Price List is not intended for the ordering of materials. Any ordering of materials, based on the Price List, is at the Contractor's risk.
- 2.1.5 The prices and rates in this Price List are fully inclusive prices for the work described under the items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the scope of work and shall cover liabilities and obligations set forth or implied in the Contract data, as well as profit.



TRANSNER

- 2.1.6 The quantities set out in these Price List are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in these Price List.
- 2.1.7 The short descriptions of the items of payment given in these Price List are only for purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Scope of Work.
- 2.1.8 For each item in the Price List, the Contractor shall provide in the appropriate column the portion of the tendered sum (inclusive of labour and material) which has been sourced locally (Republic of South Africa).
- 2.1.9 The Contractor shall provide information related to imported content, i.e. equipment to be imported, value and applicable exchange rates. This information shall be provided as an Annexure to the Price List.
- 2.1.10 The total in the Price List shall be exclusive of VAT, and shall be transferred to form C1.1 (Form of Offer and Acceptance).
- 2.2 Payment will be made in accordance with the rates tendered in the Price list.

C2.2 REMOVAL OF REDUNDENT EQUIPMENT PRICE LIST

| DESCRIPTION | QUANTITY | AMOUNT |
|--|---------------------|--------|
| Strip out of redundant equipment Chillers, Units and water pipes G/F Plant | 1 x Lot | R |
| Strip out of redundant equipment Fan Units, ducting and filter boxes F/F Plant | 1 x Lot | R |
| Strip out of redundant equipment Electrical and Pneumatic Systems All Plant Rooms | 1 x Lot | R |
| Supply and fit of Cover plates as per List in Item 5.1.2 | 1 x Lot | R |
| Strip out of redundant equipment 2 x Floor Standing RACS units and pipe work in CS 90 Room G/F | 1 x Lot | R |
| Strip out of redundant equipment 4 x Fan Coil units and pipe work in Relay rooms G/F | 1 x Lot | R |
| Removal of equipment to Scrap Yard Elandsfontein | 1 x Lot | R |
| | Sub Total | R |
| SEALING AND MADE GOOG OF (| OUTLETS, LOVER OPEN | IINGS |
| a) Supply Air Duct – 1 st Floor | 1 | R |
| Supply Air Duct – 1 st Floor | 1 | R |
| b) Fresh Air Duct – 1 st Floor | 1 | R |
| c) Exhaust Air Duct 1 st Floor | 1 | R |

Tender
Part T1: Tender procedures

Page 19 T1.2 Tender Data



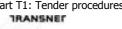
| | Sub Total | R |
|--|-----------|---|
| Redirect CO ² metal ducting and outlets in ground floor Plant Room in order to exhaust to the outside | 1 x Lot | R |
| e) Fresh Air Intake – Ground Floor | 1 | R |
| Condenser Outlet – Ground Floor | 1 | R |
| d) Condenser Outlet – Ground Floor | 1 | R |

C2.3 NEW EQUIPMENT AND INSTALLATION PRICE LIST

| DESCRIPTION | QUANTITY | AMOUNT |
|---|-----------|--------|
| System A | | |
| 7.8 kW – Fresh Air Condensing Unit | 1 | R |
| System A | | |
| 7.8 kW - Ducted Fresh air Hide Away Unit | 1 | R |
| Wired Electronic Controllers | 1 | R |
| Refrigerant Piping and Drain Piping | 1 x Lot | R |
| Trunking | 1 x Lot | R |
| Interconnection Cables | 1 x Lot | R |
| Electrical connection Outdoor Unit | 1 x Lot | R |
| Additional refrigerant | kg | R |
| Pressure Test | 1 | R |
| Commissioning | 1 | R |
| | | |
| | Sub Total | R |
| | | |
| System B | _ | |
| 10.5 kW - Fresh Air Condensing Unit | 1 | R |
| System B | 4 | D |
| 10.5 kW - Ducted Fresh air Hide Away Unit | 1 | R |
| Wired Electronic Controllers | • | R |
| Refrigerant Piping and Drain Piping | 1 x Lot | R |
| Trunking | 1 x Lot | R |
| Interconnection Cables | 1 x Lot | R |
| Electrical connection Outdoor Unit | 1 x Lot | R |
| Additional refrigerant | kg | R |
| Pressure Test | 1 | R |
| Commissioning | 1 | R |
| | Sub Total | R |
| | | |



| | 1 | Sentrarand Bapsfontein. |
|---|-----------|-------------------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| System C | | |
| 13.0 kW - Fresh Air Condensing Unit | 1 | R |
| System C | | |
| 13.0 kW - Ducted Fresh air Hide Away Unit | 1 | R |
| Wired Electronic Controllers | 1 | R |
| Refrigerant Piping and Drain Piping | 1 x Lot | R |
| Trunking | 1 x Lot | R |
| Interconnection Cables | 1 x Lot | Ŕ |
| Electrical connection Outdoor Unit | 1 x Lot | R |
| Additional refrigerant | kg | R |
| Pressure Test | | R |
| Commissioning | 1 | R |
| | | |
| | Sub Total | R |
| | | |
| System 1 | | |
| 48.6 kW - System Condensing Unit | 1 | R |
| System 1 | | |
| 11.2 kW – Under Ceiling Unit | 4 | R |
| Refnet Joints | 5 | R |
| Wired Electronic Controllers | 4 | R |
| Refrigerant Piping and Drain Piping | 4 x Lot | R |
| Trunking | 4 x Lot | R |
| Interconnection Cables | 4 x Lot | R |
| Electrical connection Outdoor Unit | 1 x Lot | R |
| Additional refrigerant | kg | R |
| Branch Selector Units | 5 | R |
| Outdoor Unit Multi Connection Pipe Kits | 1 | R |
| Pressure Test | 4 | R |
| Commissioning | 4 | R |
| Commissioning | 4 | 17 |
| | Sub Total | R |
| | | |
| | | |
| | | |



| | | Sentrarand Bapsfontein. |
|--|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| System 2 | 4 | D |
| 48.6 kW - System Condensing Unit | 1 | R |
| System 2 | 4 | D |
| 11.2 kW – Under Ceiling Unit | 4 | R |
| Refnet Joints | 5 | R |
| Wired Electronic Controllers | 4 | R |
| Refrigerant Piping and Drain Piping | 4 x Lot | R |
| Trunking | 4 x Lot | R |
| Interconnection Cables | 4 x Lot | R |
| Electrical connection Outdoor Unit | 1 x Lot | R |
| Additional refrigerant | kg | R |
| Branch Selector Units | 5 | R |
| Outdoor Unit Multi Connection Pipe Kits | 1 | R |
| Pressure Test | 4 | R |
| Commissioning | 4 | R |
| | | |
| | Sub Total | R |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| System 3 | | |
| 63.5 kW - System Condensing Unit | 1 | R |
| 63.5 kW - System Condensing Unit System 3 | | |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit | 6 | R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints | 6 | R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit | 6 | R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints | 6 | R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking | 6 6 6 | R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping | 6 6 6 6 x Lot | R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking | 6 6 6 6 x Lot 6 x Lot | R R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking Interconnection Cables Electrical connection Outdoor Unit | 6 6 6 6 x Lot 6 x Lot 6 x Lot 1 x Lot | R R R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking Interconnection Cables Electrical connection Outdoor Unit Additional refrigerant | 6 6 6 6 x Lot 6 x Lot 6 x Lot 1 x Lot kg | R R R R R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking Interconnection Cables Electrical connection Outdoor Unit Additional refrigerant Branch Selector Units | 6 6 6 6 x Lot 6 x Lot 6 x Lot 1 x Lot kg 6 | R R R R R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking Interconnection Cables Electrical connection Outdoor Unit Additional refrigerant Branch Selector Units Outdoor Unit Multi Connection Pipe Kits | 6 6 6 6 x Lot 6 x Lot 6 x Lot 1 x Lot kg 6 | R R R R R R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking Interconnection Cables Electrical connection Outdoor Unit Additional refrigerant Branch Selector Units Outdoor Unit Multi Connection Pipe Kits Decoration Panel | 6 6 6 6 x Lot 6 x Lot 6 x Lot 1 x Lot kg 6 1 | R R R R R R R R R |
| System 3 14.1 kW – Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking Interconnection Cables Electrical connection Outdoor Unit Additional refrigerant Branch Selector Units Outdoor Unit Multi Connection Pipe Kits Decoration Panel Cassette four way blow panel | 6 6 6 6 x Lot 6 x Lot 6 x Lot 1 x Lot kg 6 1 6 | R R R R R R R R R R |
| 63.5 kW - System Condensing Unit System 3 14.1 kW - Round Flow Cassette Unit Refnet Joints Wired Electronic Controllers Refrigerant Piping and Drain Piping Trunking Interconnection Cables Electrical connection Outdoor Unit Additional refrigerant Branch Selector Units Outdoor Unit Multi Connection Pipe Kits Decoration Panel | 6 6 6 6 x Lot 6 x Lot 6 x Lot 1 x Lot kg 6 1 | R R R R R R R R R |



| | | Sentrarand Bapsfontein. |
|---|-----------|-------------------------|
| | Sub Total | R |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| System 4 | | |
| 73.9 Kw – System Condensing Unit | 1 | R |
| System 4 | | |
| 14.1 Kw – Round Flow Cassette Unit | 5 | R |
| Refnet Joints | 5 | R |
| Wired Electronic Controllers | 5 | R |
| Refrigerant Piping and Drain Piping | 5 x Lot | R |
| Trunking | 5 x Lot | R |
| Interconnection Cables | 5 x Lot | R |
| Electrical connection Outdoor Unit | 1 x Lot | R |
| Additional refrigerant | kg | R |
| Branch Selector Units | 5 | R |
| Outdoor Unit Multi Connection Pipe Kits | 1 | R |
| | | |
| Decoration Panel | 5 | R |
| Cassette four way blow panel | 5 | R |
| Pressure Test | 5 | R |
| Commissioning | 5 | R |
| | | |
| | Sub Total | R |
| *. V) | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| System 5 | | |
| 73.9 Kw – System Condensing Unit | 1 | R |
| System 5 | | |
| 5.6 Kw – Mid Wall Unit | 2 | R |
| 3.6 Kw – Mid Wall Unit | 4 | R |
| 7.1 Kw – Under Ceiling Unit | 7 | R |
| Refnet Joints | 14 | R |
| Wired Electronic Controllers | 13 | R |
| Refrigerant Piping and Drain Piping | 13 x Lot | R |
| Trunking | 13 x Lot | R |
| Interconnection Cables | 13 x Lot | R |
| Electrical connection Outdoor Unit | 1 x Lot | R |



| | | Sentrarand Bapsfontein. |
|---|-----------|-------------------------|
| Additional refrigerant | kg | R |
| Branch Selector Units | 14 | R |
| Outdoor Unit Multi Connection Pipe Kits | 1 | R |
| Pressure Test | 13 | R |
| Commissioning | 13 | R |
| | | |
| | Sub Total | R |
| | | |
| System 6 | | |
| 58.2 Kw – System Condensing Unit | 1 | R |
| System 6 | | |
| 7.1 Kw – Under Ceiling Unit | 2 | R |
| 3.6 Kw – Mid Wall Unit | 8 | R |
| 5.6 Kw – Mid Wall Unit | 2 | R |
| Refnet Joints | 15 | R |
| Wired Electronic Controllers | 12 | R |
| Refrigerant Piping and Drain Piping | 12 x Lot | R |
| Trunking | 12 x Lot | R |
| Interconnection Cables | 12 x Lot | R |
| Electrical connection Outdoor Unit | 1 x Lot | R |
| Additional refrigerant | kg | R |
| Branch Selector Units | 15 | R |
| Outdoor Unit Multi Connection Pipe Kits | 1 | R |
| Pressure Test | 12 | R |
| Commissioning | 12 | R |
| | Sub Total | R |
| | | |
| SYSTEM CONTROLLER | | |
| Intelligent Touch Controller | 1 | R |
| Installation and Commissioning | 1 | R |
| | | R |
| | | R |
| | | R |
| | | R |
| | Sub Total | R |
| | Gub Total | |
| PIPING | T | |
| 1/4" | 1 x Lot | R |
| 3/8" | 1 x Lot | R |
| 1/2" | 1 x Lot | R |
| | | |



| | | Sentrarand Bapsfonte |
|---|--------------------|---|
| 5/8" | 1 x Lot | R |
| 3/4" | 1 x Lot | R |
| 7/8" | 1 x Lot | R |
| 1 1/8" | 1 x Lot | R |
| | | R |
| | | R |
| | | R |
| | | R |
| | | 10 |
| | Sub Total | R |
| COVED DI ATES AND DIICTING | | |
| COVER PLATES AND DUCTING 1600 x 800 mm | 1 | D |
| | | R |
| 914 x 610 mm | 1 | R |
| 3070 x 2995 mm | 1 | R |
| 3070 x 2995 mm | 1 | R |
| 6400 x 1600 mm | 1 | R R |
| 3400 x 1600 mm | 1 | R |
| 3070 x 2995 mm Fresh air duct tubes | | R |
| | 3 x Lot 1 x Lot | R |
| CO ² Ducting and Grils General ducting and equipment | 1 x Lot | R |
| General ducting and equipment | 1 X LOI | |
| | | l D |
| | | R R |
| | Sub Total | R R R |
| GENERAL | Sub Total | R R |
| GENERAL | Sub Total | R R |
| GENERAL | Sub Total | R R R |
| GENERAL | Sub Total | R R R R R R R R R R |
| GENERAL | Sub Total | R R R R R R |
| GENERAL | Sub Total | R R R R R R R |
| GENERAL | Sub Total | R R R R R R R |
| GENERAL | Sub Total | R R R R R R R R |
| GENERAL | Sub Total | R R R R R R R R R |
| GENERAL | Sub Total | R R R R R R R R R |
| GENERAL | Sub Total | R R R R R R R R R R |
| GENERAL | Sub Total | R R R R R R R R R R R |
| GENERAL | Sub Total | R R R R R R R R R R |



| LABOUR AND TRAVELING COST | | |
|---------------------------|-------------|---|
| | | R |
| | | R |
| | | R |
| | | R |
| | | R |
| | | R |
| | | R |
| | Sub Total | R |
| | | |
| | Gross Total | R |
| | VAT – 14% | R |
| | Grand Total | R |
| | | |

TENDERER DATE





PART C 3: WORKS INFORMATION SCOPE OF WORK

1.0 SCOPE AND TERM OF CONTRACT

- 1.1 This documents covers Transnet Freight Rail's requirements for the:
 - a) Stripping out of old redundant equipment and sealing off of all non-functional ducting louvers and grilles.
 - b) Supply, Installation, Condition Testing and Commissioning of Six (6) New VRV (Variable Refrigerant Volume) / VRF (Variable Refrigerant Flow) Inverter Series Three (3) pipe Heat Recovery Air-Conditioning System with Multiple Room Units and equipment.
 - c) Supply and Install One (1) Intelligent Controller to monitor and operate the full VRV system.
 - d) Supply, Installation, Condition Testing and Commissioning of Three (3) New Heat Pump Fresh Air ducted systems.
 - e) Twelve (12) month maintenance schedule of the full installation.
 - f) Training on system operation and fault finding, all at Transnet Freight Rail Main Admin Building Sentrarand.

2.0 DEFINITIONS, INTERPRETATIONS AND GENERAL PROVISIONS

2.1 In this contract, unless inconsistent with the Context: -

Adjudicator means any officer, higher up in the hierarchy of the Service Manager/Service Manager's Deputy, in the employ of Transnet to function as Adjudicator.

Breakdown means any failure or malfunction of the equipment included in the Contract Schedule or any component or part thereof.

Equipment means each Plant/Unit of the Air-Conditioning and/or Refrigeration equipment as well as Ventilation Units, Supply/Extractor Fan specified in the Contract Schedule.

Project Manager - Project Manager's Deputy means the person appointed by Transnet Freight Rail as the Person to administer the Contractor's performance of the contract work.

Normal Working-hours means the hours of work as determined by a wage regulating measure or statutory enactment for any trade or activity, during which the basic minimum rate of pay is applicable and excludes all time for which a higher rate of pay is obligatory. Where no wage regulating measure is in force, the hours will be 07:00 to 17:00 Mondays to Fridays excluding a daily meal break.

- 2.2 The law which is to govern the contract and in terms of which it is to be interpreted, shall be the law of the Republic of South Africa.
- 2.3 The clause headings are not deemed to be part thereof, and will not be taken into consideration in the interpretation of the contract.
- 2.4 Value-added Tax in terms of the Value-added Tax Act No. 89 of 1991 shall be dealt with as follows: -
- 2.4.1 In Tendering Value-added Tax shall be separately shown on quotations.
- 2.4.2 In Payment Value-added Tax shall be shown on a Tax invoice.
- 2.4.3 The amount(s) reflected on the Tax-invoice must correspond with the nett amount(s) indicated on the contract payment certificate.
- 2.4.4 Changes to the VAT rate will be dealt with in accordance with section 67 and 67A of the Act.

3.0 CESSION, ASSIGNMENT AND SUBCONTRACTING

- 3.1 Neither party shall cede or assign the contract or any part thereof without the written approval of the other. The Contractor shall not enter into any subcontract with respect to the contract work without the prior written approval of Transnet Freight Rail.
- 3.2 Approvals given in terms of clause 3.1 shall not relieve the Contractor or Transnet Freight Rail of any of their obligations in terms of the contract.
- 3.3 In the event of a change in ownership, possession or control of the building in which the equipment is situated, Transnet Freight Rail shall effect the terms of this contract to remain fully operational by the insertion of a condition in any agreement pertaining to such change of ownership, possession or control by which Transnet Freight Rail's rights and obligations under the contract are transferred to the new owner, possessor or controller of the building.
- 3.4 Written approval in terms of clause 3.1 will not be applicable in respect of such cession and assignment of the contract to any new owner, possessor or controller of the building.



4.0 REFERINCES:

The following publications (latest edition) are referred to herein:

4.1 South African Bureau of Standards.

SANS 1125 - Standard specification for Room Air Conditioners.

SANS 1091 - National colour Standard for Paint.

SANS 0142 - Code of Practice for Wiring of Premises.

SANS 0147 - Code of practice for Refrigeration and Air-Conditioning.

SANS 1583 - Refrigerant recycle equipment for the minimization of

environmental pollution during the servicing and repair of air-

conditioning equipment.

SANS 0400 - The Application of the National Building Regulation.

4.2 Occupational Health and Safety Act.

Act 85 of 1993 - OHS Act

4.3 Transnet.

CEE 0218.90 - Air-Conditioning Installations.

CEE 0224.02 - Drawings, Catalogues, Instruction manuals and Spares Lists for

Electrical equipment supplied under contract.

5.0 CONTRACTOR'S OBLIGATIONS

The Contractor shall undertake full responsibility for the Removal of old redundant equipment, Supply, installation, inspection, testing, commissioning of New equipment, Twelve (12) month servicing and maintenance of the equipment and shall warrant at all times the operational safety thereof.

This shall be all in terms of the latest amendments of the Occupational Health and Safety Act (Act 85 of 1993) and applicable SABS/SANS Specifications and shall, Transnet Instructions on behalf of Transnet Freight Rail, maintain the necessary records stipulated by the Act, Specifications and Instructions.

5.1 Removal of redundant equipment:

Tender Page 29 T1.2
Part T1: Tender procedures Tender Data



TRANSNER

- 5.1.1 The removal of the existing Plant and equipment, this equipment entails:
 - a) Chillers / Condensing units, water pumps / pipes and fresh air unit in ground floor plant room.
 - b) Supply / Return and Exhausted fan units, pipes, plenum, filter boxes and duct work in first floor plant room.
 - c) All Electrical power supplies will be made safe by Transnet.
 - d) The removal of Electrical will only be the interconnection between equipment and the main DB
 - e) The strip-out and removal of the full Pneumatical control system, cables / pipes etc. in plant rooms.
 - f) All ceiling diffusers and floor grills will remain.
 - g) Sealing (Cap) of all non-functional supply and return ducking, as well as all louvers and grills as indicated. All these cover plates shall be of galvanized or aluminum steel plates and be painted to match surrounding equipment in the building.
 - h) Two (2) x Floor standing RACS units in ground floor CS90 equipment rooms No: 32/36, all refrigerant piping and two (2) x Condensing units on outside of building.
 - f) Four (4) x fan coil units in relay rooms No: 23/44 as well as all chilled water piping.
- 5.1.2 All ducting inlets and outlets in plant rooms as well as all louvers in and outlets, condenser discharge, fresh air inlets and exhausted outlets must be sealed off and made good.

The louver and duct openings that need to be sealed off are as follow:

- a) 1600 x 800mm Supply air duct 1st Floor plant room 914 x 610mm Supply air duct 1st Floor plant room 5) 3070 x 2995mm Fresh air intake 1st Floor plant room 5) 3070 x 2995mm Exhaust air outlet 1st Floor plant room 1st Floor plant room
- d) 6400 x 1600mm Condenser outlet Ground floor plant room 3400 x 1600mm Condenser outlet Ground floor plant room
- a 3400 x 1600mm Condenser outlet Ground floor plant room
 e) 3070 x 2995mm Fresh air intake Ground floor plant room
- ** Please note that all measurements to be verified by the contractor.
- 5.1.3 All CO² duct outlets in ground floor plant room to be re-rooted in order to exhausted to the outside.
- 5.1.4 All striped out scrape and redundant equipment needs to be transport and booked in at TFR scraped yard at Elansfontein, the project manager or his representative will provide the contractor with the necessary documentation.
- 5.2 Supply and Installation of New VRV / VRF Heat Recovery / Heat Pump (Fresh Air) (Air-Conditioning) Equipment,

(Outdoor Condensing Units) from Appendix 1 (See Drawing Pg. 29)



Part T1: Tender procedures

Schedule of Condensing Units:

The capacity in kW of each unit shall be as follows:-

| System | Unit Capacity CC / HC | Location | | |
|----------|--------------------------|-------------|----------|--|
| System A | 7.8 kW | See Drawing | Pg 24/25 | |
| System B | 10.5 kW | See Drawing | u | |
| System C | 13.0 kW | See Drawing | ш | |
| System 1 | 48.6 / 49.8 kW | See Drawing | " | |
| System 2 | 48.6 / 49.8 kW | See Drawing | " | |
| System 3 | 63.5 / 68.4 kW | See Drawing | " | |
| System 4 | 73.9 / 70.1 kW | See Drawing | " | |
| System 5 | 73.9 / 70.1 kW | See Drawing | " | |
| System 6 | 58.2 / 55.4 kW | See Drawing | " | |

- 5.2.1 The material and equipment offered shall be of well-known and reputable make Similar or equal to Daikin VRV III P Compact Systems R410A as well as comply with SANS 0147 and SANS 0142.
- 5.2.2 Any drawings and information required by the tenderer but not included with this specification shall be furnished on request if available.
- 5.2.3 The tenderer shall provide a breakdown in prices stating the tender price and work to be done of each major portion of the equipment.
- 5.2.4 The tenderer shall include in their price for all products and material (Oil, refrigerant, piping, fittings, trunking, sealing compound, etc) transportation, rigging and removal of scrap equipment.
- 5.2.5 The contractor shall follow the normal rules of good refrigeration practice for pipe sizing, system cleaning drying, charging, leak testing and safe handling of refrigerant to the environment. As per CEE 0218.
- 5.2.6 The contractor shall follow the rules as stipulated by the supplier on the correct pipe size selection, pipe lengths, refrigerant branch kits, and calculation of refrigerant charge.
- 5.2.7 The contractor will ensure that all refrigerant systems are pressure tested and leak free.
- 5.2.8 The condensing units shall be for outside use and the entire unit shall be factory assembled and tested prior to delivery on site.
- 5.2.9 The electrical power supplies and Isolators to the condensing units will be provided by others.
- 5.2.10 The tenderer shall advise the size and rating of all these power points required at the time of tendering.



- 5.2.11 Each unit shall be fitted with a Single Phasing protection device in addition to the normal overload protection.
- 5.2.12 The air-conditioning contractor shall undertake all connections of the cables to the contractor's isolators as well as to all unit and control interconnections and the supply of all these interconnection cables and connection terminals and blocks, all compliant to the manufacturer's specification as well as SANS 0142
- 5.2.13 The condensing units supplied shall be installed in the areas as indicated on the drawings, these units shall be mounted on anti vibration mountings to minimize any vibration transfer to the building, on existing concrete slabs if durable or new plinths will be caste as per drawing. These plinths shall be rein-force casted concrete blocks of 120mm thick with 40mm angle edge trimmings. The casting of these plinths will be conducted by the Air-conditioning contractor.
- 5.2.14 All condensing units if not fitted, shall be fitted with hail protection guards, if locally manufactured, these guards shall be hot-dipped galvanized guards or powder coated, approved and certified by the unit supplier.
- 5.2.15 All room units shall be fitted with trapped corrosion resistant condensate drains.
- 5.2.16 All drain lines shall be routed down to the ground or to a general drain point, in order to prevent water splashing and stains to the building.
- 5.3 Supply and Installation of New VRV / VRF Heat Recovery / Heat Pump Equipment: (Indoor Room Units) / (Fresh Air Fan Coil Units) from Appendix 1 (See Drawing Pg. 24 / 25)

Location

Schedule of Indoor Units:

System A - Fresh Air

The total cooling capacity in kW of each unit shall be as follows:-

Unit Size

| 1 - Hide A Way Unit | 7.8 kW Air Flow Rate 20 – 22 m³/min | Ground Floor Plant Room for 4 x 11.2 kW Under Ceiling Units In CS 90 Equipment Room and 4 x 11.2 kW Under Ceiling Units in Old Computer Room |
|---|---|--|
| System B – Fresh Air 1 - Hide A Way Unit | Unit Size 10.5 kW Air Flow Rate 26 – 28 m³/min | Location First Floor Plant Room for 5 x 14.0 kW Cassette Units in CTC Office and Board Room |



Part T1: Tender procedures

Tender

Tender Data

| System C – Fresh Air 1 - Hide A Way Unit | Unit Size 13.0 kW Air Flow Rate 35 – 40 m³/min | Location First Floor Plant Room for 6 x 14.0 kW Cassette Units in Lecture / Board Room and Tea Room |
|--|---|---|
| System 1 1 - Under Ceiling Unit 2 - Under Ceiling Unit | Unit Size 11.2 kW 11.2 kW | Location Ground Floor - CS 90 Equipment Room - Room32 Ground Floor - CS 90 Equipment Room - Room32 |
| 3 - Under Ceiling Unit | 11.2 kW | Ground Floor - CS 90 Equipment Room - Room32 |
| 4 - Under Ceiling Unit 5- Future Point ** | 11.2 kW 11.2 kW | Ground Floor - CS 90 Equipment Room - Room32 Ground Floor - CS 90 Equipment Room - Room32 |
| System 2 | Unit Size | Location |
| 1 - Under Ceiling Unit | 11.2 kW | Ground Floor - Old Computer Room – Room36 |
| 2 - Under Ceiling Unit | 11.2 kW | Ground Floor - Old Computer Room – Room36 |
| 3 - Under Ceiling Unit | 11.2 kW | Ground Floor - Old Computer Room – Room36 |
| 4 - Under Ceiling Unit | 11.2 kW | Ground Floor - Old Computer Room – Room36 |
| 5 - Future Point ** | 11.2 kW | Ground Floor - Old Computer Room – Room36 |
| System 3 | Unit Size | Location |
| 1 – Round Flow | 14.0 kW | First Floor – Lecture / Board Room |
| Cassette Unit | | Local |
| 2 - R/F Cassette Unit | 14.0 kW | First Floor – Lecture / Board Room |
| 3 - R/F Cassette Unit | 14.0 kW | First Floor – Lecture / Board Room |
| 4 – R/F Cassette Unit | 14.0 kW | First Floor – Lecture / Board Room |
| 5 – R/F Cassette Unit | 14.0 kW | First Floor –Tea Room |
| 6 – R/F Cassette Unit | 14.0 kW | First Floor – Tea Room |
| | | |
| System 4 | Unit Size | Location |
| 1 – Round Flow Cassette Unit | 14.0 kW | First Floor – CTC |
| 2 - R/F Cassette Unit | 14.0 kW | First Floor – CTC |
| 3 - R/F Cassette Unit | 14.0 kW | First Floor – CTC |
| 4 - R/F Cassette Unit | 14.0 kW | First Floor – Board Room |
| 5 - R/F Cassette Unit | 14.0 kW | First Floor – Board Room |
| System 5 | Unit Size | Location |
| 1 - Mid Wall Unit | 5.6 kW | Ground Floor – Workshop |
| 2 - Mid Wall Unit | 3.6 kW | Ground Floor – Workshop Office |
| 3 - Mid Wall Unit | 5.6 kW | Ground Floor – Workshop |
| 4 - Mid Wall Unit | 3.6 kW | Ground Floor – Workshop Office |
| 5 - Mid Wall Unit | 3.6 kW | First Floor Ops Room |
| Tender Part T1: Tender procedures | I | Page 33 T1.2 Tender Data |

Part T1: Tender procedures

| 6 - Mid Wall Unit | 3.6 kW | First Floor Ops Room |
|-------------------------|--------|----------------------------------|
| 7 - Under Ceiling Unit | 7.1 kW | Ground Floor Relay Room – Room23 |
| 8 - Under Ceiling Unit | 7.1 kW | Ground Floor Relay Room - Room44 |
| 9 - Under Ceiling Unit | 7.1 kW | First Floor File Room |
| 10 - Under Ceiling Unit | 7.1 kW | First Floor Lecture Room |
| 11 - Under Ceiling Unit | 7.1 kW | First Floor Office |
| 12 - Under Ceiling Unit | 7.1 kW | First Floor Office |
| 13 - Under Ceiling Unit | 7.1 kW | First Floor Office |
| 14 - Future Point ** | 7.1 kW | First Floor Office |
| | | |

| System 6 | Unit Size | Location |
|------------------------|------------------|----------------------------|
| 1 - Under Ceiling Unit | 7.1 kW | Ground Floor Office |
| 2 - Under Ceiling Unit | 7.1 kW | Ground Floor Office |
| 3 - Mid Wall Unit | 5.6 kW | First Floor Office |
| 4 - Mid Wall Unit | 5.6 kW | First Floor Office |
| 5 - Mid Wall Unit | 3.6 kW | Ground Floor Office |
| 6 - Mid Wall Unit | 3.6 kW | Ground Floor Office |
| 7 - Mid Wall Unit | 3.6 kW | Ground Floor Office |
| 8 - Mid Wall Unit | 3.6 kW | Ground Floor Office |
| 9 - Mid Wall Unit | 3.6 kW | First Floor Office |
| 10 - Mid Wall Unit | 3.6 kW | First Floor Office |
| 11 - Mid Wall Unit | 3.6 kW | First Floor Office |
| 12 - Mid Wall Unit | 3.6 kW | First Floor Office |
| 13 - Future Point ** | 3.6 kW | First Floor Office |
| 14 - Future Point ** | 3.6 kW | First Floor Office |
| 15 - Future Point ** | 3.6 kW | Ground Floor Office |

- The contractor shall take precaution when opening of ceiling areas, not to damage the 5.3.1 ceiling and roof construction.
- 5.3.2 All refrigerant piping shall be of the REFNET type with REFNET Joints / Headers.
- 5.3.3 The tenderer will allow in the tender for additional points as indicate on the drawing for future extension, total number of points = Six (6) future connection points.
- 5.3.4 The contractor will take caution when installing the pipe works not to use flux when brazing copper to copper refrigerant piping as flux causes pipe corrosion and the fluorine in the flux damage refrigerant oil. Phosphor copper brazing can be used as it does not require flux.
- 5.3.5 The contractor shall follow the normal rules of good refrigeration practice for pipe sizing, system cleaning drying, charging, leak testing and safe handling of refrigerant to the environment. As per SANS 1125.
- The contractor shall follow the rules as stipulated by the supplier on the correct pipe size selection, pipe lengths, refrigerant branch kits, and calculation of refrigerant charge.
- 5.3.7 Both Gas and liquid piping shall be insulated with a suitable heat resistant polyethylene material such as "armaflex" or similar, not less than 12mm thick with heat resistance of

121°C / 250°F for Gas line and 71°C / 160°F for liquid line. Be properly secured by means of raised brackets and shall be protected against any form of mechanical damage.

- 5.3.8 All refrigerant and drain piping exposed within occupied spaces shall be concealed in a suitable duct such as "Egaduct" or similar and on the outside of the building in a suitable steel metal duct, all ducting inside and outside shall have coverlids.
- Manufacturer's installation and operating instructions shall be included in the delivery of the equipment. These instructions and technical data shall be handed over on completion to Transnet.
- 5.3.10 The contractor shall connect condensate drainpipes to drain points and ensure that there is proper discharge. If any doubt exists regarding adequate flow of the condensation water, the contractor shall provide lift pumps.
- 5.3.11 Unless otherwise stated the contractor shall provide all openings in wall, roofs for piping, cables and ducting as well as making good thereafter, all pipe openings shall be core drilled and all openings are made weatherproof and restored paintwork shall be to the original colour.
- 5.3.12 All units shall be fitted as per schedule and the position will be as per drawing.
- 5.3.13 Each unit shall be individually controlled by its own controller but in areas like the CTC Control room, Lecture / Board rooms and Equipment rooms, these units will be grouped controlled.
- 5.3.14 The system shall be fitted with an Intelligent Controller to monitor and operate the full VRV system. The position of the control panel shall be pointed out to the contractor on site.
- 5.3.14.1 Be able to:-

Control up to (Max 2 x 64 groups)

Onboard Ethernet port

Full colour LCD display panel

Internet compatible

Interlocking Control

Auto changeover Heating / Cooling

Schedules / Grouping and Zone Control

Connectable to VRV, HRV, Sky Air Units and Split Units (Via Interface)

adapter

Password Security - 3 Levels

Schedule control

Operational mode monitoring

Error messages monitoring (Via e-mail / mobile phone (web option)

5.4 Fresh Air Units:

- 5.4.1 All fresh air units shall be of the Heat Pump type and installation will be as per list above.
- 5.4.2 From each unit the fresh air shall be distributed in steel ducting and discharged into the respective units and room areas i.e. Under ceiling and cassette units.
- 5.4.3 All fresh air inlets shall be made weather and vermin proof.
- 5.4.4 All fresh air units shall be fitted with an external filter frame that can take pleated washable filters.
- 5.4.5 All units will be fitted with filters as well as one full standby set. Filters shall be of the pleated washable pleated filters.

5.5 Maintenance and Servicing:

- 5.5.1 The Contractor shall submit as part of his contract a 12 month maintenance schedule drawn up by him listing the various service activities, which will be carried out by his technicians and supervisory staff. It shall clearly state the frequencies at which these are to be performed i.e., during routine visits on a monthly basis, quarterly, six monthly and annually.
 - A coded index and the estimated call-back frequency for this type of unit that will normally be expected by the service provider shall be given. A monthly report sheet shall always be available in the plant room for perusal by the Project Manager/Project Manager's Deputy as proof that the service has been carried out and related items were attended too, and a copy be forwarded to the office of the Project Manager. It is expected from the incumbent or the service technician to visit the building manager or his representative every time a service is carried out.
- 5.5.2 The service activities should coincide with the contractor's report sheet and therefore verify the completion of said activities. Any malfunction of the system is to be recorded, followed up and reported to the Project Manager/Project Manager's Deputy. Any callbacks over and above the frequency as mentioned must be investigated and a decision regarding this shall be made, with a repeating factor in mind. Should the contractor not fulfill his obligations, part or the full amount of the monthly fees shall be withheld at the discretion of the Project Manager/Project Manager's Deputy until corrections are carried out. Inspection checks may be made at TRANSNET FREIGHT RAIL's discretion.
- 5.5.3 These obligations shall include inspection, cleaning, adjusting and lubricating of the equipment and where necessary and when required in the Contractor's view and with the consent of the Project Manager/Project Manager's Deputy.
- 5.5.4 Examine periodically as necessary all safety devices/controls and perform safety tests as well as inspections as prescribed in the Act and SABS/SANS specifications.
- 5.5.5 Examine test and repair the full refrigerant circuit of the plant or unit for refrigerant gas leaks as per the Act and SANS 1583 specifications.



Part T1: Tender procedures

- 5.5.6 The Contractor shall be competent to carry out all work required in terms of this contract and shall be in possession of all installation, maintenance and instruction manuals as well as all other technical data required. He shall employ specialist technicians to perform the specified functions.
 Copies of technicians trade tests / qualifications / registration nr. must be supplied.
- 5.5.7 Workmanship shall be of the highest standard and only new material of the best quality shall be used. Replacement parts shall be of a reputable manufacture.
- 5.5.8 All work done during the contract, which has not specifically been excluded, from the Service Fee(s) shall be considered to be included therein and Transnet Freight Rail shall not be liable for any extra payments whatsoever.
- 5.5.9 This contract does not include repairs of accidental damage or renewals to any part of the unit, or builder's work, nor repairs or replacements of the electric main cable leading to the main distribution board.
- 5.5.10 The cost and replacement of any item and fittings within the scope of work, and repairing damage due to vandalism, will not be to the contractor's account.
- 5.5.11 The Contractor shall not be held liable for any loss, damage or delay due to any cause beyond his reasonable control, including although not limited to, acts of Government, strikes, lock-outs, theft, fire, flood, explosion, arson, riot, civil commotion, war, willful or malicious mischief or Act of God.

6.0 Design Conditions:

The outside design conditions shall be assumed to be as follows:

Summer : 32° C dry bulb temperature and 20° C wet bulb

temperature.

Winter: 2° C dry bulb temperature.

The air conditioned spaces shall all year round be maintained within the following limits 23° C+ 2° C dry bulb temperature.

7.0 OBLIGATIONS OF TRANSNET FREIGHT RAIL

- 7.1 Transnet Freight Rail undertakes, as far as is reasonably possible to: -
 - (a) report to the Contractor any irregular performance of, or defect in, or damage to the Equipment,
 - (b) use the Equipment in a normal and proper manner, including preventing a material change in the use or usage thereof,
 - (c) protect the Equipment against vandalism, abuse, or misuse and accidental damage and



Part T1: Tender procedures

Tender

- (d) protect it against damage and contamination by water and other aggressive and hazardous materials.
- 7.1.1 Transnet Freight Rail shall, subject to Transnet's access control and security arrangements, provide to the Contractor free and unrestricted access to all buildings containing equipment to be maintained under the contract, and the free use of such facilities, services, electrical plug- points, lifting points, etc., as are available on the premises and required by the Contractor for the performance of his contractual obligations.

8.0 COMPLIANCE WITH STATUTES AND SAFETY RULES

- 8.1 The Contractor shall comply with all applicable legislation and Transnet Freight Rail safety requirements, which shall be entirely at his own costs, and he shall in particular, in respect of any personnel working on Transnet Freight Rail premises, comply with the following Acts: -
- 8.1.1 The Compensation for Occupational Injuries and Diseases Act (Act 130 of 1993) as amended; The Contractor shall produce proof of his registration and good standing with the Compensation Commissioner in terms of the Act.
- 8.1.2 The Occupational Health and Safety Act (Act 85 of 1993) as amended; The Contractor is, in terms of section 37(2) of the Act deemed to be an employer in his own right with duties as prescribed in the Act and agrees to ensure that all work will be performed or machinery or plant will be used in accordance with the provisions of the Act, that all persons in his employ, other persons at the place of any work performed by him and under his control and other persons who may be directly affected by his activities are not exposed to hazards to their health and safety, with particular reference to both the performance of the contract work and the safety of the Equipment maintained in terms of the contract. The agreements in this contract and all documents attached or referred to, form an integral part of the arrangements and procedures mentioned in the aforementioned section of the Act.
- 8.2 The Contractor shall, within 3 weeks from the commencement of the contract, submit to the Service Manager/Service Manager's Deputy full particulars of the health and safety policies and program's maintained by the Contractor in terms of the Act, and of the health and safety procedures.
 - Arrangements and working methods to be implemented by him while working on Transnet Freight Rail premises, for the protection of his own and Transnet Freight Rail's personnel and other persons on the premises.
- 8.3 The Contractor's health and safety program's procedures, arrangements, and working methods shall be subject to agreement by the Service Manager/Service Manager's Deputy, who may stipulate supplementary and/or additional safety arrangements or different working methods, commensurate with Transnet Freight Rail's own internal health and safety program's, policies and arrangements in terms of the Act.



8.3 In addition to compliance with clause 6.1.2 hereof, the Contractor shall report all incidents contemplated by Section 24 of the Act in writing to the Service Manager/Service Manager's Deputy.

Any incident resulting in the death of or injury to any person in the performance of the contract work or affected thereby shall be reported within 24 hours of its occurrence and any other incident shall be reported within 48 hours of its occurrence.

9.0 SUPERVISION AND CONTROL

9.1 The Project Manager/ Project Manager's Deputy appointed by Transnet Freight Rail will administer the contract and provide overall supervision over the Contractor's performance.

The Project Manager/ Project Manager's Deputy may direct the Contractor in terms of the provisions of the contract or in regard to any measures he may require for the operations of Transnet Freight Rail and for the safety of Transnet property and personnel and that of other persons.

- 9.2 The Contractor shall permit the Project Manager/ Project Manager's Deputy or any person appointed and duly authorised by him access to inspect the equipment and work performed on it, at any time.
- 9.3 The Contractor shall be responsible for supervision and control of the contract work performed by him and shall advise the Project Manager/ Project Manager's Deputy of the name of the responsible person appointed by him to undertake such supervision and control.
- 9.4 Transnet Freight Rail's Project Manager/ Project Manager's Deputy shall arrange for an annually inspection and test on the installations, unit, plant and equipment.
- 9.5 The inspection report shall be discussed with and made available to the maintenance contractor. The contractor shall be required to attend to report defects forthwith.

10.0 SITE DIARY

The contractor shall supply a site diary. This book shall be used to record any unusual events during the period of the work. Any delays to the work shall also be recorded such as delays caused by poor weather conditions, delays caused by problems with site access etc. The appointed Project Manager's Deputy must countersign such delays. Other delays such as non-availability of equipment from 3rd party suppliers must be communicated to the Project Manager in writing.

This book will remain on site until termination of the contract.

SITE INSTRUCTION BOOK 11.0

The contractor shall supply a site instruction book. This book shall be used to record any instructions to the Contractor regarding problems encountered on site — for example the quality of work or the placement of equipment.

This book will be filled in by the Project Manager's Deputy or Project Manager and must be countersigned by the Contractor.



Tender

The book may be A4 in size and will be in triplicate, i.e. two tear out pages and one remaining in the book.

This book will remain on site until termination of the contract.

12.0 TRAINING

Tenderers shall quote separately for the training of a number of Transnet technicians on the operational maintenance procedures of and fault finding on the new VRV Airconditioning systems.

APPENDIX 1

SCHEDULE OF EQUIPMENT

This schedule covers equipment to be Supplied and Installed at the Main Admin Building Sentrarand.

System A:

| 1.0 | 1x | Each | 7.8 kW – Heat Pump Condenser | | |
|------|----|--------|---|--|--|
| 2.0 | 1x | Each | 7.8 kW – Heat Pump Hide A Way Ducted Unit | | |
| 3.0 | 1x | Each | Wired Electronic Controllers | | |
| 4.0 | 1x | Lot | Refrigerant piping and Drains | | |
| 5.0 | 1x | Lot | Trunking | | |
| 6.0 | 1x | Lot | Interconnecting Cables | | |
| 7.0 | 1x | Lot | Pressure Testing | | |
| 8.0 | 1x | Lot | System Commissioning | | |
| 9.0 | 1x | Lot | Electrical connection Outdoor Unit | | |
| 10.0 | 1x | Lot/Kg | Additional refrigerant | | |
| | | _ | | | |

System B:

| 1.0 | 1x | Each | 10.5 kW – Heat Pump Condenser |
|------|----|--------|--|
| 2.0 | 1x | Each | 10.5 kW – Heat Pump Hide A Way Ducted Unit |
| 3.0 | 1x | Each | Wired Electronic Controllers |
| 4.0 | 1x | Lot | Refrigerant piping and Drains |
| 5.0 | 1x | Lot | Trunking |
| 6.0 | 1x | Lot | Interconnecting Cables |
| 7.0 | 1x | Lot | Pressure Testing |
| 8.0 | 1x | Lot | System Commissioning |
| 9.0 | 1x | Lot | Electrical connection Outdoor Unit |
| 10.0 | 1x | Lot/Kg | Additional refrigerant |

System C:

| 1.0 | 1x | Each | 13.0 kW – Heat Pump Condenser |
|-----|----|------|--|
| 2.0 | 1x | Each | 13.0 kW - Heat Pump Hide A Way Ducted Unit |
| 3.0 | 1x | Each | Wired Electronic Controllers |
| 4.0 | 1x | Lot | Refrigerant piping and Drains |
| 5.0 | 1x | Lot | Trunking |
| 6.0 | 1x | Lot | Interconnecting Cables |

Tender
Part T1: Tender procedures



Page 40

T1.2 Tender Data

| 7.0 | 1x | Lot | Pressure Testing |
|------|----|--------|------------------------------------|
| 8.0 | 1x | Lot | System Commissioning |
| 9.0 | 1x | Lot | Electrical connection Outdoor Unit |
| 10.0 | 1x | Lot/Kg | Additional refrigerant |

SCHEDULE OF EQUIPMENT

This schedule covers equipment to be Supplied and Installed at the Main Admin Building Sentrarand.

System 1:

| 1.0 | 1 | Х | Each | 48.6 kW - Heat Recovery Condenser - VRV III P |
|------|--------|--------|------|---|
| | Compac | :t | | |
| 2.0 | 4x | Each | | 11.2 kW - Heat Recovery Under Ceiling Units - VRV |
| 3.0 | 5x | Each | | Refenet Joints |
| 4.0 | 4x | Each | | Wired Electronic Controllers |
| 5.0 | 1x | Lot | | Refrigerant pip <mark>ing and Drains</mark> |
| 6.0 | 1x | Lot | | Trunking |
| 7.0 | 1x | Lot | | Interconnecting Cables |
| 8.0 | 1x | Lot | | Pressure Testing |
| 9.0 | 1x | Lot | | System 1 Commissioning |
| 10.0 | 5x | Each | | Branch Selector Units |
| 11.0 | 1x | Each | • | Outdoor Unit Multi Connection Pipe Kits |
| 12.0 | 1x | Lot | | Electrical connection Outdoor Unit |
| 13.0 | 1x | Lot/Kg | | Additional refrigerant |

System 2:

| 1.0 | 1 | X | Each | 48.6 kW - Heat Recovery Condenser - VRV III P |
|------|-----|--------|------|---|
| | Con | npact | | |
| 2.0 | 4x | Each | | 11.2 kW - VRV Heat recovery Under Ceiling Units |
| 3.0 | 5x | Each | | Refenet Joints |
| 4.0 | 4x | Each | | Wired Electronic Controllers |
| 5.0 | 1x | Lot | | Refrigerant piping and Drains |
| 6.0 | 1x | Lot | | Trunking |
| 7.0 | 1x | Lot | | Interconnecting Cables |
| 8.0 | 1x | Lot | | Pressure Testing |
| 9.0 | 1x | Lot | | System 1 Commissioning |
| 10.0 | 5x | Each | | Branch Selector Units |
| 11.0 | 1x | Each | | Outdoor Unit Multi Connection Pipe Kits |
| 12.0 | 1x | Lot | | Electrical connection Outdoor Unit |
| 13.0 | 1x | Lot/Kg | | Additional refrigerant |
| | | | | |

Tender Part T1: Tender procedures



SCHEDULE OF EQUIPMENT

This schedule covers equipment to be Supplied and Installed at the Main Admin Building Sentrarand

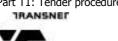
System 3:

| 1.0 | 1 | Χ | Each | 73.9 kW - Heat Recovery Condenser - VRV III P |
|------|--------|--------|------|---|
| | Compac | t | | |
| 2.0 | 6x | Each | | 14.0 kW - VRV Heat Recovery Cassette Room Units |
| 3.0 | 6x | Each | | Cassette four way Blow panels |
| 4.0 | 6x | Each | | Refenet Joints |
| 5.0 | 6x | Each | | Wired Electronic Controllers |
| 6.0 | 1x | Lot | | Refrigerant piping and Drains |
| 7.0 | 1x | Lot | | Trunking |
| 8.0 | 1x | Lot | | Interconnecting Cables |
| 9.0 | 1x | Lot | | Pressure Testing |
| 10.0 | 1x | Lot | | System 1 Commissioning |
| 11.0 | 6x | Each | | Branch Selector Units |
| 12.0 | 6x | Each | | Decoration Panel |
| 13.0 | 1x | Each | | Outdoor Unit Multi Connection Pipe Kits |
| 13.0 | 1x | Lot | | Electrical connection Outdoor Unit |
| 14.0 | 1x | Lot/Kg | | Additional refrigerant |
| _ | | 3 | | |

System 4:

| 1.0 | 1 | x Each | 63.5 kW - Heat Recovery Condenser - VRV III P |
|------|-----|--------|---|
| | Com | pact | · |
| 2.0 | 5x | Each | 14.0 kW - VRV Heat Recovery Cassette Room Units |
| 3.0 | 5x | Each | Cassette four way Blow panels |
| 4.0 | 5x | Each | Refenet Joints |
| 5.0 | 5x | Each | Wired Electronic Controllers |
| 6.0 | 1x | Lot | Refrigerant piping and Drains |
| 7.0 | 1x | Lot | Trunking |
| 8.0 | 1x | Lot | Interconnecting Cables |
| 9.0 | 1x | Lot | Pressure Testing |
| 10.0 | 1x | Lot | System 1 Commissioning |
| 11.0 | 5x | Each | Branch Selector Units |
| 12.0 | 5x | Each | Decoration Panel |
| 13.0 | 1x | Each | Outdoor Unit Multi Connection Pipe Kits |
| 14.0 | 1x | Lot | Electrical connection Outdoor Unit |
| 15.0 | 1x | Lot/Kg | Additional refrigerant |





SCHEDULE OF EQUIPMENT

System 5:

| 1.0 | 1 | x | Each | 73.9 kW - Heat Recovery Condenser - VRVIII P |
|------|--------|--------|------|---|
| | Compac | ct . | | |
| 2.0 | 7x | Each | | 7.1 kW - VRV Heat Recovery Under Ceiling Room Units |
| 3.0 | 2x | Each | | 5.6 kW - VRV Heat Recovery Mid Wall Room Units |
| 4.0 | 4x | Each | | 3.6 kW - VRV Heat Recovery Mid Wall Room Units |
| 5.0 | 14 | Χ | Each | Refenet Joints |
| 6.0 | 13 | Χ | Each | Wired Electronic Controllers |
| 7.0 | 1x | Lot | | Refrigerant piping and Drains |
| 8.0 | 1x | Lot | | Trunking |
| 9.0 | 1x | Lot | | Interconnecting Cables |
| 10.0 | 1x | Lot | | Pressure Testing |
| 11.0 | 1x | Lot | | System 1 Commissioning |
| 12.0 | 14 | Χ | Each | Branch Selector Units |
| 13.0 | 1x | Each | | Outdoor Unit Multi Connection Pipe Kits |
| 14.0 | 1x | Lot | | Electrical connection Outdoor Unit |
| 15.0 | 1x | Lot/Kg | | Additional refrigerant |

System 6:

| 1.0 | 1 | X | Each | 58.2 kW - Heat Recovery Condenser - VRV III P | | |
|------|-----|---------|------|---|--|--|
| | Com | ipact 🍐 | | • | | |
| 2.0 | 2x | Each | V | 7.1 kW - VRV Heat Recovery Under Ceiling Room Units | | |
| 3.0 | 2x | Each | | 5.6 kW - VRV Heat Recovery Mid Wall Room Units | | |
| 3.0 | 8x | Each | | 3.6 kW - VRV Heat Recovery Mid Wall Room Units | | |
| 4.0 | 15 | X | Each | Refenet Joints | | |
| 5.0 | 12 | X | Each | Wired Electronic Controllers | | |
| 6.0 | 1x | Lot | | Refrigerant piping and Drains | | |
| 7.0 | 1x | Lot | | Trunking | | |
| 8.0 | 1x | Lot | | Interconnecting Cables | | |
| 9.0 | 1x | Lot | | Pressure Testing | | |
| 10.0 | 1x | Lot | | System 1 Commissioning | | |
| 11.0 | 15 | X | Each | Branch Selector Units | | |
| 12.0 | 1x | Each | | Outdoor Unit Multi Connection Pipe Kits | | |
| 13.0 | 1x | Lot | | Electrical connection Outdoor Unit | | |
| 14.0 | 1x | Lot/Kg | | Additional refrigerant | | |



SCHEDULE OF EQUIPMENT

Piping:

| 1/4" |
|--------|
| 3/8" |
| 1/2" |
| 5/8" |
| 3/4" |
| 7/8" |
| 1 1/8" |
| |

Intelligent Controller:

1.0 1 x Intelligent Controller to monitor and operate the full VRV System.

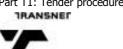
Cover plates and Fresh air ducting:

1.0 The louver and duct openings that need to be sealed off are as follow:

| a) | 1600 x 800mm | Supply air duct | 1 st Floor plant room |
|-------|---------------|--------------------|----------------------------------|
| , | 914 x 610mm | Supply air duct | 1 st Floor plant room |
| b) | 3070 x 2995mm | Fresh air intake | 1 st Floor plant room |
| c) | 3070 x 2995mm | Exhaust air outlet | 1 st Floor plant room |
| d) | 6400 x 1600mm | Condenser outlet | Ground floor plant room |
| | 3400 x 1600mm | Condenser outlet | Ground floor plant room |
| e) | 3070 x 2995mm | Fresh air intake | Ground floor plant room |
| L-L - | | | |

^{**} Please note that all measurements to be verified by the contractor.

2.0 1 x Lot Fresh Air Duct tubes and ducting equipment.



TECHNICAL DATA SHEET - FRESH AIR SYSTEM - HEAT PUMP

| Number of condensing units offered per system | |
|---|-------|
| Manufacturer of units | |
| Type and Make of units | |
| Model number of units | 7 |
| Capacity of units | _ kW |
| Type of heating facility | _kW. |
| Noise level rating of unit | |
| Electrical power supply required per unit | |
| Current drawn of each unit | |
| Type of overload protection employed | |
| Number of Compressors per unit | |
| Type of Compressor | |
| Make of Compressor | |
| Type of refrigerant used | |
| Installation period per system working | days. |
| Dimensions of condensing units | |
| Entering air temperature | °C |
| Leaving air temperature | _°C |
| Material of fins and tubes | |



| 20.0 | Number of fans per unit | |
|------|---|-----|
| 21.0 | Type of fans | |
| 22.0 | Capacity of fansm³/s at | |
| FAN | COIL UNIT UNITS | |
| 1.0 | Manufacture of units | |
| 2.0 | Make and model number | |
| 3.0 | Capacity of each unit | |
| | | kW. |
| 4.0 | Type of heating | |
| 5.0 | Heating capacity per unit | |
| | | kW. |
| 6.0 | Entering design dry bulb temperature of air | °C. |
| 7.0 | Leaving design dry bulb temperature of air | °C. |
| 8.0 | Number of fans per unit | |
| 9.0 | Type of filter provided | |

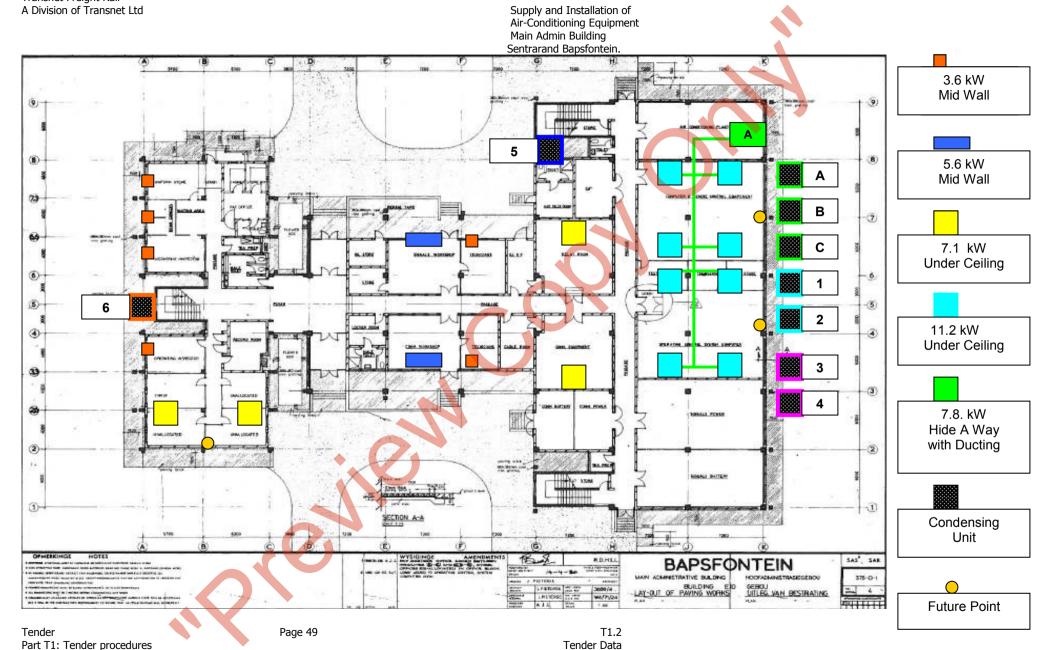
TECHNICAL DATA SHEET - VRV III P COMPACT SYSTEM

| Number of condensing units offered per system | |
|---|-------------|
| Manufacturer of units | |
| Type and Make of units | |
| Model number of units | 7 |
| Capacity of units | kW. |
| Type of heating facility | kW. |
| Noise level rating of unit | |
| Electrical power supply required per unit | |
| Current drawn of each unit | Amps |
| Type of overload protection employed | |
| Number of Compressors per unit | |
| Type of Compressor | |
| Make of Compressor | |
| Type of refrigerant used | |
| Installation period per system working | days. |
| Dimensions of condensing units | |
| Entering air temperature° | C |
| Leaving air temperature | °C |
| Material of fins and tubes | |

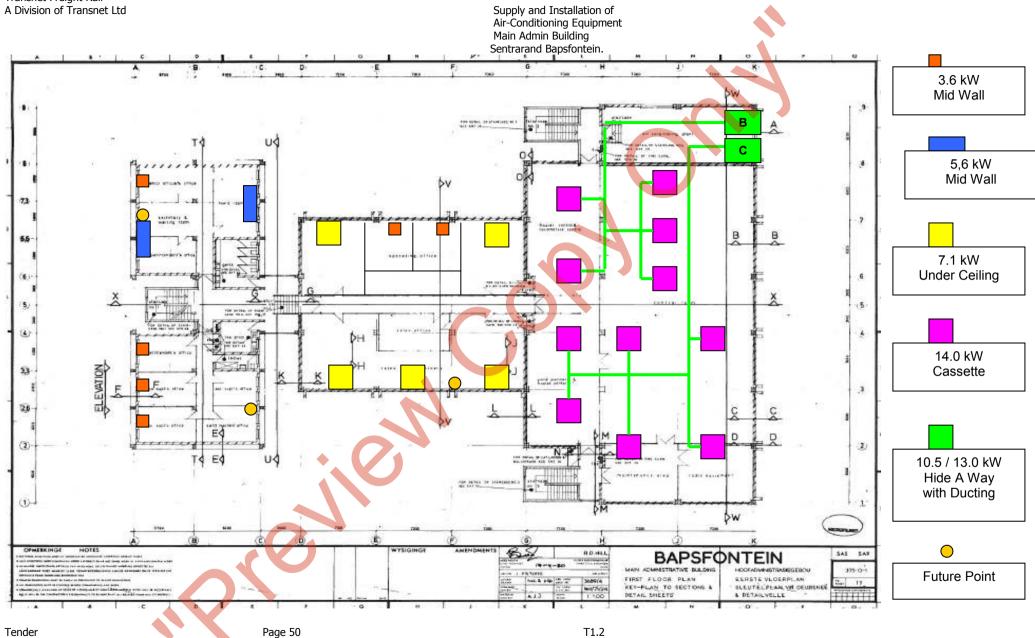


| 42.0 | Number of fans per unit | |
|------|---|----------|
| 43.0 | Type of fans | _ |
| 44.0 | Capacity of fansm³/s atr/s. | |
| ROOI | OM UNITS | |
| 10.0 | Manufacture of units | 1 |
| 11.0 | Make and model number | |
| 12.0 | | – kW. |
| 13.0 | Type of heating | _ |
| 14.0 | Heating capacity per unit | – kW |
| 15.0 | | Э. |
| 16.0 | Leaving design dry bulb temperature of air° | С. |
| 17.0 | Number of fans per unit | |
| 18.0 | Type of filter provided | |





Part T1: Tender procedures



Tender Data



Air Conditioning at Sentrarand Main Admin Building:

The Air-Conditioning in this building was installed in 1982 this system was most largely design for control equipment and computer rooms it serve its economical life and had several major breakdowns over the years. The system has reached a point beyond economical repairs and a number of items and equipment have become absolute in the market.

Original plant and equipment;

After a good study and inspection we came to the point that to refurbish the system with a similar central plant will not be viable as for the following reasons.

- 1) The original layout and demand have changed.
- 2) No more computer rooms.
- 3) More office requirements.
- 4) Request for Air-conditioning to the Office Block that was not equipped originally.
- 5) Central system cost is extremely high.
- 6) Due to concept change it will bring about a total change in all the ducting.
- 7) The control system is totally outdated.
- 8) The expenses on a central system, maintenance and equipment are very high.
- 9) Non of the original old equipment is re-useable;
 - a) All three chill water generators are defective,
 - b) The main air handling unit frame and drain pans are totally rusted the chilled water coil is partly blocked and coil frames are rusted,
 - c) All three chilled water pumps are non-functional,
 - d) The pneumatic control system is totally non-functional as well as outdated,
 - e) The ducting layout is not practical for the new layout and needs to be redesign to fit the need of the new layout ,
 - f) The ducting is internally insulated and this is all collapsed and non-usable as new ducting today is all outer insulated.

NB: With reference to the above it is clear that none of the original plant and equipment is usable. It is not recommended to re-install a central plant, due to the high cost involve, and one main system will not accommodate the full building due to its design and therefore a second system or additional multiple units will be needed for the Office block.

Multiple Room type units;

In order not to go for multiple room type units.

- 1) These units will spoil the external aesthetic of the building.
- 2) Maintenance as well as running cost is normally very high.
- The control of these units in a open-plane office setup continuously create problems, and makes the running cost extremely high as each unit is set at a different settings by the occupants.

NB: Multiple Room units are not recommended.

Multiple - VRV Inverter Series Heat pump System.

This System is a very flexible, changeable and economical.

- 1) Due to the building design this system is very flexible.
- 2) Low running cost.
- 3) Individual are controlled as units can be interlinked to multiple unit control.
- 4) Ares with ceiling can be fitted with in-ceiling units (Hideaway units) or cassettes and the areas with concrete ceilings can be fitted with room type units or cassettes.
- 5) Heating will be from the system heat pump.
- 6) Due to the REFNET piping the VRV piping system is easy and quick and can be done in sections as you go along with the system, as well as for changes to the system.
- 7) Al piping will be in needly in duct channelling.



This system is highly cost effective in running as it runs on the new inverter concept, it only loads when needed and therefore consume very little energy.

Control is flexible and can be made as per floor condition.

Its flexibility makes it very popular and it is therefore highly recommended.

NB: The building will be divided in to Five (5) Zones for simplicity.

Due to the flexibility of the system we can add or reduce to the capacity as well as to the demand of your floor with ease.

This system is highly recommended.

Zone/System - 1

This zone consist of One (1) - 41.7 kW Condensing Ten (10) - 3.6 kW (13,000 BTU) Midwall Units Feeding Areas 1,2,3,4,5

Zone/System - 2

This zone consist of One (1) - 41.7 kW Condensing Eight (8) - 3.6 kW (13,000 BTU) Midwall Units Feeding Areas 7,8,9,10

Zone/System - 3

This zone consist of One (1) - 70.4 kW Condensing
Six (6) - 3.6 kW (13,000 BTU) Midwall Units
Three (3) - 3.6 kW (13,000 BTU) Cassette Units
Three (3) - 14.0 kW (46,000 BTU) Cassette Units
Feeding Areas 11,12,13,14,15

Zone/System - 4

This zone consist of One (1) - 107.7 kW Condensing Seven (7) - 14.0 kW (46,000 BTU) Cassette Units Feeding Areas 16,17,18,19,20

Zone/System - 5

This zone consist of One (1) - 84.0 kW Condensing Six (6) – 14.0 kW (46,000 BTU) Cassette Units Feeding Areas 21,22,23,24,25

Regards

Frans Olivier
Infra Engineering (Air-Conditioning)



NOTICE TO TENDERERS

TENDER NO.: CRAC/JHB/7422

TENDERS ARE INVITED FOR THE: SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND.

On or after Wednesday, 25 May 2011_tender documents may be inspected at and are obtainable from the office of Transnet Freight Rail Tender Advise Centre, Ground Floor, Inyanda House 1, 21 Wellington Road, Parktown, Johannesburg.

NOTE: No facsimile tenders/quotations will be accepted.

- 2. A site inspection can be arranged by contacting Mr M. LAMPBRECHT Tel: 083 458 1367.
 - 3. Tenders must reach the Secretary, Transnet Freight Rail, Acquisition Council, Tender box, Ground Floor, Inyanda House 1, 21 Wellington Road, Parktown before the closing hour on the date shown below, and must be enclosed in a sealed envelope which must have inscribed on the outside

:

- (a) Tender No. CRAC-JHB-7422
- (b) Description of work: SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND
 - (c) Closing date of tender. 14 JUNE 2011
- 4. If posted, the envelope must be addressed to the Chairperson, TRANSNET Freight Rail Acquisition Council, P.O. Box 4244, Johannesburg 2000 and must be dispatched in time for sorting by the Post Office to reach the office before the closing time of the tender. In the event of the late receipt of a tender, the Tenderer's franking machine impression will not be accepted as proof that the tender was posted in time.
- 5. If delivered by hand, the envelope must be addressed to the Tender Advise Centre Ground 21 Wellington Road, Parktown, and handed in at this address before the closing time during the following office hours:

Mondays to Fridays: 07:30 to 12:45- 13:30 to 15:50

- 6. Please note that this tender closes punctually at 10:00 on _14 JUNE 2011
- 7. If tenders are not posted or delivered as stipulated herein, such tenders will not be considered and will be returned as "late" tenders.
- 8. Any telegraphic or telex tender stating clearly therein the tender number, name of Tenderer, the service and the amount of the tender, must be dispatched in time for delivery to the destination by the South African Post Office Limited before the closing hour of the tender, and be confirmed by the submission of the official tender documents posted or delivered by courier not later than the day before the closing date of the tender.



- 9. N/A
- 10. Telegraphic or telex tenders from sources outside the Republic of South Africa will be considered on the aforementioned conditions, provided that the confirmation is forwarded by the quickest means, viz., by airmail where possible.
- 11. Transnet does not bind itself to accept the lowest or any tender/quotation nor will it disclose the successful tenderer's tender price or any other tendered prices, as this is regarded as confidential information, moreover Transnet reserves the right to accept the whole or part of a tender. Transnet also reserve the right to negotiate terms and conditions with all, or a short listed group of contenders, should it be deemed necessary.

All unsuccessful Tenderers will, however, on award of business to the successful Tenderer, be informed of the reason for the rejection of their tender, for example, price, quality, delivery period, etc.

- 12. Envelopes must not contain documents relating to any tender other than that shown on the envelope.
- 13. No slips are to be attached to the tender documents. Any additional conditions must be embodied in an accompanying letter. Alterations, additions or deletions must not be made by the Tenderer to the actual tender documents.
- 14. The attention of Tenderers is directed to all the various documents comprising these tender documents and including, inter alia, General Conditions of Contract, Special Conditions of Contract and Specifications and Bills and/or Schedule of Quantities and/or Prices. Particular attention must be given to –

Clauses 6,25 and 26 of the General Conditions of Contract (Minor Works)(Transnet 287) and other clauses dealing with sufficiency of tenders and terms of payment which will be applicable to the contract to be concluded as a consequence of this tender enquiry.

- Unless otherwise stated in any of these tender documents, Tenderers are required to submit an offer, complete in every respect and fully in compliance with the specifications. If, in a Tenderer's opinion, justification exists for the submission of one or more alternative tender(s) such offer(s) must, as in the case of the main tender(s), be completed in every respect.
- The attention of Tenderers is also directed to the General Conditions of Contract, in terms of which Transnet Limited will effect and pay for insurance of the WORKS and/or Public Liability (third party) Insurance.
- 17 N/A
- Tenderers are required to give a list of major items of plant and/or equipment to be used in the execution of the WORKS and must complete the plant statement E.4D where this is attached to the tender documents.
- No tender will be considered unless certificate E.4A is signed by the tenderer stating that he has acquainted himself with the contract documents.
- 20 Tenderers must furnish proof that they have had actual experience in the class of work for which
- 21 they are tendering and must submit with the tender, on form E4c, a statement of works recently and successfully carried out.



- Tenders will be opened in public as soon as practicable after the expiry of the time advertised for receiving them and the name of each Tenderer will be read out.
- Tenderers are warned that a tender will be liable to disqualification should any attempt be made by a Tenderer either directly or indirectly to canvass any officer(s) or employees of Transnet Limited in respect of a tender between the date the tender is submitted and the date of the award.
- A Tenderer may, however, at any time communicate with the TENDER ADVISE CENTRE, at telephone no. (011) 584-9331 on any matter relating to his tender.

When a Tenderer has been notified by telegraph or letter of the acceptance of his tender the South African Post Office Limited and/or Telkom SA Limited shall be regarded as the agent of the Tenderer, and delivery of such acceptance to the South African Post Office Limited and/or Telkom SA Limited shall be considered as delivery to the Tenderer unless the Tenderer should indicate to the contrary in any letter accompanying the tender.

- Compliance of tender(s) with Transnet's Limited requirements is the sole responsibility of the Tenderer and any costs incurred in subsequent modifications to or replacement of equipment accepted by Transnet Limited in good faith on the grounds of certified compliance with specified standards by the contractor and in fact found to be inadequate in such respects, will be to the relevant Tenderer's account.
- Tenderers shall give a clause-by-clause comment as to whether or not their tender complies. If not, how it differs from the specification(s). Failure to do so may preclude a tender from consideration.
- The attention of Tenderers is particularly directed to the necessity to complete the "Labour Payment Schedule", "The Tender form" and "Resolution of Board of Directors", where these documents are included in the tender.
- 28 Tenders submitted by Tenderers must be neatly bound and the inclusion of loose documents must be avoided.
- Tenderer's must state in their tenders the percentage, of the total contract value, that will be allocated to previously disadvantaged/underprivileged enterprises and /or communities in the vicinity where contract works are to be executed, should they be successful in winning this tender. A breakdown of the distribution of the aforementioned percentage must also be furnished.
- It is specifically recorded that this contract is awarded to the contractor/supplier on the unequivocal understanding by the parties that
 - 30.1 black and/or BEE contractors/suppliers shall for purpose of this contract mean South African companies (business entities) owned by, or in part owned by, South African citizens of African, Coloured or Indian origin;
 - the black ownership constitutes _____ percent (%) of the business concern of the contractor/supplier;
 - 30.3 the contractor/supplier shall furnish proof of 30.2 above to Spoornet;
 - 30.4 the contractor/supplier has familiarized itself with Transnet's Black Economic Empowerment Policy and undertakes to abide by the requirements thereof during the currency of this contract;

TRANSNET

- should the aforesaid degree of black ownership, at any time after the awarding of the contract, change, and this change reflects a decrease from that specified in the sub-clause 30.2, above, then and in such event the contractor/supplier, shall be obliged to inform Transnet (Spoornet) thereof in writing within two (2) weeks of such change. Failure on the part of the contractor/supplier to do so shall constitute a material breach of the contract which shall entitle Transnet (Spoornet) to unilaterally cancel the contract and enforce such other rights as it may in law have arising out of such breach of contract; and in the event of the black ownership of the contractor/supplier being changed and the contractor/supplier duly informing Transnet (Spoornet) thereof in accordance with Sub-clause 30.5 above, then Transnet (Spoornet) shall have the right to (1) continue with the contract on the same terms and conditions, or (2) propose such amendments as it may deem fit for the remaining period of the contract or (3) resile from the contract.
- Transnet fully endorses and supports the Government's Black Economic Empowerment Programme. We are strongly of the pinion that all South African Business Enterprises have an obligation to redress the imbalances of the past and Transnet will therefore prefer to do business with local business enterprises, which share these same values. To this end Transnet will seriously reconsider continued business relationships with such local business enterprises who do not at least have a 26% Shareholding by previously disadvantaged individuals/groups, or who are not prepared to channel at least 26% of the contract value to such BEE Companies by means of legitimate sub-contracting or JV agreements. Transnet therefore reserves the right to request documentary proof of such BEE empowerment endeavors and to verify and monitor that such endeavors in fact materialize into real development and upliftment of the historically disadvantaged individuals and groups.



ANNEXURE TO TENDER FORM E.4

(NOV.96)

* (Delete whichever is not applicable)

Tender No.: CRAC/JHB/7422

(To be completed by tenderers)

NAMES OF DIRECTORS OF COMPANIES/MEMBERS OF CLOSE CORPORATIONS OR PARTNERS OF PARTNERSHIPS

Tenderers must disclose hereunder the full name/s and address/es of the director/s of the company, member/s of the close corporation or partner/s of the partnership on whose behalf the tender is submitted.

| Registration number of *company/close corporation/pa | artnership: - |
|---|---|
| Date of incorporation: - | |
| NB. IT IS COMPULSORY IN THE CASE OF A FE TO FURNISH HER MAIDEN NAME AND IF NAMES | |
| FULL NAME OF DIRECTOR/MEMBER OR PARTY | NER :- ADDRESS : |
| Is there any family or direct relationship between any partners and any employee of Transnet Limited? :- | of the above-mentioned directors, members o |
| * YES/NO If so, full particulars of such rela | ationship should be furnished separately. |
| Failure to furnish all or correct information may lead t is insufficient for all the relevant information, tend separately. | |
| SIGNATURE OF TENDERER/S : | |
| ADDRESS OF REGISTERED OFFICE : | |
| | |
| DATE: | |



TENDER No. CRAC/JHB/7422

SUPPLY AND INSTALL AIRCONS MAIN ADMIN BUILDING SENTRARAND

RESOLUTION OF BOARD OF DIRECTORS

| Name of firm | | |
|---|-------------------------|-----------------------------|
| It was resolved at a meeting of the Board of Direct | ors held on | that |
| FULL NAME(S) | SIGNATI | URE |
| | | |
| | | |
| | | |
| in his/her/their capacity of | | y authorised to enter into |
| sign and execute and complete any documents relagoods and services. | ating to Tenders and/or | Contracts for the supply of |
| goods and services. | Confirm: DATE | |
| FULL NAME | | - CHAIDHAN |
| | | CHAIRMAN |
| FULL NAME | | SECRETARY |
| Certified true copy: | | SECRETARI |
| SIGNED AT ON THIS _ | DAY OF | 20 |
| | | |
| | COMMISSION | NER OF OATHS |



2. <u>CERTIFICATE OF ACQUAINTANCE WITH CONTRACT DOCUMENTS</u>

| I/Wedo |
|--|
| hereby certify that I/we acquainted myself/ourselves with the E5, E5(MW) or E160 Contract Conditions, Special Conditions of Contract and specifications, and bills of quantities/schedule of quantities/schedule of prices, together with the drawings enumerated therein, as laid down by Spoornet for the carrying out of the proposed works for which I/we submitted my/our tender. |
| I/We furthermore agree that Spoornet will recognize no claim from me/us for relief based on an allegation that I/we overlooked any tender condition or failed to take it into account for the purpose of calculating my/our tender prices or otherwise. |
| SIGNED at on this day of2011 |
| WITNESS: |
| TENDERER(S) |



E.4C

TENDER No.: CRAC/JHB/7422

STATEMENT OF WORKS SUCCESSFULLY CARRIED OUT BY TENDERER

Tenderers must insert in the space provided below, and submit with their tender the following statement showing the works, which they have successfully carried out.

Absence of this statement may prejudice the tender as being submitted by an inexperienced Contractor.

| For whom done | Nature of work | Value of works | Year Comp | Name of contact person | Tel Number |
|---------------|----------------|-------------------|--------------|------------------------|---------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | . 0 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | 10 | | | | |

| Date 20 | |
|---------|-------------|
| | Tenderer(s) |



TRANSNET LIMITED

E4E

(Registration no. 1990/00900//06)

SAFETY ARRANGEMENTS AND PROCEDURAL COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT (ACT 85 OF 1993) AND APPLICABLE REGULATIONS

1. General

- 1.1 The Contractor and Transnet Limited (hereinafter referred to as "Transnet") are individual employers, each in its own right, with their respective duties and obligations set out in the Occupational Health and Safety Act, Act 85 of 1993 (the Act) and applicable Regulations.
- 1.2 The Contractor accepts, in terms of the General Conditions of Contract and in terms of the Act, his obligations as an employer in respect of all persons in his employ, other persons on the premises or the Site or place of work or on the work to be executed by him, and under his control. He shall, before commencement with the execution of the contract work, comply with the provisions set out in the Act, and shall implement and maintain a Health and Safety Plan as described in the Construction Regulations, 2003 and as approved by Transnet, on the Site and place of work for the duration of the Contract.
- 1.3 The Contractor accepts his obligation to complying fully with the Act and applicable Regulations notwithstanding the omission of some of the provisions of the Act and the Regulations from this document.
- 1.4 Transnet accepts, in terms of the Act, its obligations as an employer of its own employees working on or associated with the site or place of work, and the Contractor and Technical Officer or his deputy shall at all times, co-operate in respect of the health and safety management of the site, and shall agree on the practical arrangements and procedures to be implemented and maintained during execution of the Works.
- 1.5 In the event of any discrepancies between any legislation and this specification, the applicable legislation will take precedence.

2. **Definitions**

- 2.1 In this Specification any word or expression to which a meaning has been assigned in the Construction Regulations, shall have the meaning so assigned to it, unless the context otherwise indicates: -
- 2.2 The work included in this Contract shall for the purposes of compliance with the Act be deemed to be "Construction Work", which, in terms of the Construction Regulations, 2003 means any work in connection with: -
 - (a) the erection, maintenance, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure;



- (c) the installation, erection, dismantling or maintenance of fixed plant where such work includes the risk of a person falling;
- (d) the construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; or
- (e) the moving of earth, clearing of land, the making of an excavation, piling, or any similar type of work;
- 2.3 "competent person" in relation to construction work, means any person having the knowledge, training and experience specific to the work or task being performed: Provided that where appropriate qualifications and training are registered as per the South African Qualifications Authority Act, 1995 these qualifications and training shall be deemed to be the required qualifications and training;
- 2.4 "contractor" means principal contractor and "subcontractor" means contractor as defined by the Construction Regulations, 2003.
- 2.5 **"fall protection plan"** means a documented plan, of all risks relating to working from an elevated position, considering the nature of work undertaken, and setting out the procedures and methods applied to eliminate the risk;
- 2.6 "health and safety file" means a file, or other record in permanent form, containing the information required to be kept on site in accordance with the Act and applicable Regulations;
- 2.7 "Health and Safety Plan" means a documented plan which addresses the hazards identified and include safe work procedures to mitigate, reduce or control the hazards identified:
- 2.8 "Risk Assessment" means a programme to determine any risk associated with any hazard at a construction site, in order to identify the steps needed to be taken to remove, reduce or control such hazard;
- 2.9 "the Act" means the Occupational Health and Safety Act No. 85 of 1993.

3. Procedural Compliance

- 3.1 The Contractor who intends to carry out any construction work shall, before carrying out such work, notify the Provincial Director in writing if the construction work:-
 - (a) includes the demolition of a structure exceeding a height of 3 metres; or
 - (b) includes the use of explosives to perform construction work; or



(c) includes the dismantling of fixed plant at a height greater than 3m,

and shall also notify the Provincial Director in writing when the construction work exceeds 30 days or will involve more than 300 person days of construction work and if the construction work:

- (a) includes excavation work deeper than 1m; or
- (b) includes working at a height greater than 3 metres above ground or a landing
- 3.2 The notification to the Provincial Director shall be on a form similar to Annexure A of the Construction Regulations, 2003, also shown in Annexure 1 of this Specification. The Contractor shall ensure that a copy of the completed notification form is kept on site for inspection by an inspector, Technical Officer or employee.
- 3.3 The Contractor shall, in accordance with the Act and applicable Regulations, make all the necessary appointments of competent persons in writing on a form similar to Annexure 2 of this Specification and deliver copies thereof to the Technical Officer. Copies should also be retained on the health and safety file.
- 3.4 Subcontractors shall also make the above written appointments and the Contractor shall deliver copies thereof to the Technical Officer.
- 3.5 In the case of a self-employed Contractor or any subcontractor who has the appropriate competencies and supervises the work himself, the appointment of a construction supervisor in terms of regulation 6.1 of the Construction Regulations, 2003 will not be necessary. The Contractor shall in such a case execute and sign a declaration, as in Annexure 3, by which he personally undertakes the duties and obligations of the "Chief Executive Officer" in terms of section 16(1) of the Act.
- 3.6 The Contractor shall, before commencing any work, obtain from the Technical Officer an access certificate as in Annexure 4 executed and signed by him, permitting and limiting access to the designated site or place of work by the Contractor and any subcontractors under his control.
- 3.7 Procedural compliance with Act and Regulations, as above, shall also apply to any subcontractors as employers in their own right. The Contractor shall furnish the Technical Officer with full particulars of such subcontractors and shall ensure that they comply with the Act and Regulations and Protekon's safety requirements and procedures.

4. Special Permits

Where special permits are required before work may be carried out such as for hotwork, isolation permits, work permits and occupations, the Contractor shall apply to the Technical Officer or the relevant authority for such permits to be issued. The Contractor shall strictly comply with the conditions and requirements pertaining to the issue of such permits.



5. Health and Safety Programme

- 5.1 The Tenderer shall, with his tender, submit a Health and Safety Programme setting out the practical arrangements and procedures to be implemented by him to ensure compliance by him with the Act and Regulations and particularly in respect of: -
 - (i) The provision, as far as is reasonably practical, of a working environment that is safe and without risk to the health of his employees and subcontractors in terms of section 8 of the Act;
 - (ii) the execution of the contract work in such a manner as to ensure in terms of section 9 of the Act that persons other than those in the Contractor's employment, who may be directly affected by the contract work are not thereby exposed to hazards to their health and safety;
 - (iii) ensuring, as far as is reasonably practical, in terms of section 37 of the Act that no employee or subcontractor of the Contractor does or omits to do any act which would be an offence for the Contractor to do or omit to do.
- 5.2 The Contractor's Health and Safety Programme shall be based on a risk assessment in respect of the hazards to health and safety of his employees and other persons under his control that are associated with or directly affected by the Contractor's activities in performing the contract work and shall establish precautionary measures as are reasonable and practical in protecting the safety and health of such employees and persons.
- 5.3 The Contractor shall cause a risk assessment contemplated in clause 5.2 above to be performed by a competent person, appointed in writing, before commencement of any Construction Work and reviewed during construction. The Risk Assessments shall form part of the Health and Safety programme to be applied on the site and shall include at least the following:
 - (a) The identification of the risks and hazards that persons may be exposed to;
 - (b) the analysis and evaluation of the hazards identified;
 - a documented Health and Safety Plan, including safe work procedures to mitigate, reduce or control the risks identified;
 - (d) a monitoring and review plan.
- 5.4 The Health and Safety Plan shall include full particulars in respect of: -
 - (a) The safety management structure to be instituted on site or place of work and the names of the Contractor's health and safety representatives and members of safety committees where applicable;



- (b) the safe working methods and procedures to be implemented to ensure the work is performed in compliance with the Act and Regulations;
- (c) the safety equipment, devices and clothing to be made available by the Contractor to his employees;
- (d) the site access control measures pertaining to health and safety to be implemented;
- (e) the arrangements in respect of communication of health and safety related matters and incidents between the Contractor, his employees, subcontractors and the Technical Officer with particular reference to the reporting of incidents in compliance with Section 24 and General Administrative Regulation 8 of the Act and with the pertinent clause of the General Conditions of Contract forming part of the Contract and
- (f) the introduction of control measures for ensuring that the Safety Plan is maintained and monitored for the duration of the Contract.
- 5.4 The Health and Safety programme shall be subject to the Technical Officer's approval and he may, in consultation with the Contractor, order that additional and/or supplementary practical arrangements and procedures be implemented and maintained by the Contractor or that different working methods or safety equipment be used or safety clothes be issued which, in the Technical Officer's opinion, are necessary to ensure full compliance by the Contractor with his obligations as an employer in terms of the Act and Regulations. The Technical Officer or his deputy shall be allowed to attend meetings of the Contractor's safety committee as an observer.
- 5.5 The Contractor shall take reasonable steps to ensure that each subcontractor's Health and Safety Plan is implemented and maintained on the construction site: Provided that the steps taken, shall include periodic audits at intervals mutually agreed to between the them, but at least once every month.
- 5.6 The Contractor shall stop any subcontractor from executing any construction work, which is not in accordance with the Contractor's, and/or subcontractor's Health and Safety Plan for the site or which poses a threat to the health and safety of persons.
- 5.7 The Contractor shall ensure that a copy of the Health and Safety Plan is available on site for inspection by an inspector, Technical Officer, agent, subcontractor, employee, registered employee organisation, health and safety representative or any member of the health and safety committee.
- 5.8 The Contractor shall consult with the health and safety committee or, if no health and safety committee exists, with a representative group of employees, on the development, monitoring and review of the Risk Assessment.
- 5.9 The Contractor shall ensure that all employees under his control are informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the Risk Assessment.



- 5.10 The Contractor shall ensure that all subcontractors are informed regarding any hazard as stipulated in the Risk Assessment before any work commences, and thereafter at such times as may be determined in the Risk Assessment.
- 5.11 The Contractor shall ensure that all visitors to a construction site undergoes health and safety induction pertaining to the hazards prevalent on the site and shall be provided with the necessary personal protective equipment.

6. Fall Protection Plan

- 6.1 In the event of the risk and hazard identification, as required in terms of clause 5.3 of this Specification, revealing risks relating to working from an elevated position the contractor shall cause the designation of a competent person, responsible for the preparation of a fall protection plan;
- 6.2 The Contractor shall implement, maintain and monitor the fall protection plan for the duration of Contract. The Contractor shall also take such steps to ensure the continued adherence to the fall protection plan.
- 6.3 The fall protection plan shall include:-
 - (a) A Risk Assessment of all work carried out from an elevated position;
 - (b) the procedures and methods to address all the identified risks per location;
 - (c) the evaluation of the employees physical and psychological fitness necessary to work at elevated positions;
 - (d) the training of employees working from elevated positions; and
 - (e) the procedure addressing the inspection, testing and maintenance of all fall protection equipment.

7. Hazards and Potential Hazardous Situations

The Contractor and the Technical Officer shall immediately notify one another of any hazardous or potentially hazardous situations which may arise during performance of the Contract by the Contractor or any subcontractor and, in particular, of such hazards as may be caused by the design, execution and/or location and any other aspect pertaining to the contract work.

8. Health and Safety File

- 8.1 The Contractor shall ensure that a health and safety file is opened and kept on site and shall include all documentation required as per the Act and applicable regulations, and made available to an inspector, the Technical Officer, or subcontractor upon request.
- 8.2 The Contractor shall ensure that a copy of the both his Health and Safety Plan as well as any



subcontractor's Health and Safety Plan is available on request to an employee, inspector, contractor or the Technical Officer.

8.3 The Contractor shall hand over a consolidated health and safety file to the Technical Officer upon completion of the Construction Work and shall in addition to documentation mentioned in the Act and applicable Regulations include a record of all drawings, designs, materials used and other similar information concerning the completed structure.

ANNEXURE 1

OCCUPATIONAL HEALTH AND SAFETY ACT

1993

Regulation 3(1) of the Construction Regulations

NOTIFICATION OF CONSTRUCTION WORK

| 1(a) | Name and postal address of principal contractor: |
|-------|--|
| (b) | Name and tel. no of principal contractor's contact person: |
| 2. | Principal contractor's compensation registration number: |
| 3.(a) | Name and postal address of client: SENIOR ELECTRICAL ENGINEER, PROPERTY MANAGEMENT, JOHANNESBURG. |
| (b) | Name and tel no of client's contact person or agent: M. LAMPRECHT 083 458 1367 |
| 4.(a) | Name and postal address of designer(s) for the project: |
| (b) | Name and tel. no of designer(s) contact person: |
| 5. 1 | Name and telephone number of principal contractor's construction supervisor on site appointed in terms of regulation 6(1). |
| 6. 1 | Name/s of principal contractor's construction sub-ordinate supervisors on site appointed in terms of regulation 6(2). |
| 7. I | Exact physical address of the construction site or site office: |



| 8. | Nature of the construction work: |
|------------|---|
| 9. | Expected commencement date: <u>JUNE 2011</u> |
| 10. | Expected completion date: <u>JUNE 2011</u> |
| 11. | Estimated maximum number of persons on the construction site: |
| 12. | Planned number of contractors on the construction site accountable to the principle contractor: |
| 13. | Name(s) of contractors already chosen. |
| | |
| | |
| | |
| <u>Pr</u> | incipal Contractor Date |
| | |
| <u>Cli</u> | ient Date |

- * THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR **PRIOR TO COMMENCEMENT** OF WORK ON SITE.
- * <u>ALL PRINCIPAL CONTRACTORS</u> THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER PRINCIPAL CONTRACTOR ON THE SAME SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK.



ANNEXURE 2

(COMPANY LETTER HEAD)

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT 85 OF 1993):

| SECTI | ON/REGULATION: _ | | | | | |
|----------------|-----------------------------|----------|-------------------------|----------------|-----------------|------|
| REQU | IRED COMPETENCY | : | | | | |
| In | terms | | of I, | | <u>O,</u> | |
| represe | nting the Employer) do h | ereby ap | | | | |
| As the premise | e Competent Person es at | on the | SUPPLY AN ADMIN BUIL | | | MAIN |
| (physic | al address) to assist in co | mpliance | e with the Act an | d the applicab | le Regulations. | |
| Your de | esignated area/s is/are as | follows: | | | | |
| SUPPL | Y AND INSTALL AIR | CONSS | SENTRARAND | 1 | | |
| | | | | | | |
| Date : | | <u> </u> | | | | |
| Signatu | ire:- | | | | | |
| Design | a <mark>ti</mark> on :- | | | | | |
| 1 | | | | | | |



ACCEPTANCE OF DESIGNATION

| I, | ao nereby accept this Designation and acknowledge that I |
|--|---|
| understand the requirements of this ap | |
| | |
| | |
| Date: | |
| Signature :- | |
| | |
| Designation :- | |
| | ANNEXURE 3 |
| | |
| (COM | IPANY LETTER HEAD) |
| OCCUPATIONAL HEALTH A | AND SAFETY ACT, 1993 (ACT 85 OF 1993): |
| DECLA | DATION |
| DECLA | ARATION |
| | |
| | |
| In terms of the above | am personally assuming the |
| Act I, | duties |
| | Officer, defined in Section 1 of the Act and in terms of |
| of the Employer as contemplated in the | nably practicable, ensure that the duties and obligations |
| of the Employer as contemplated in the | , above Act are property discharged. |
| | |
| Signature: - | |
| Signature | |
| Date: | |



SITE ACCESS CERTIFICATE

| Access to: | SUPPLY AND INSTALL AIRCONS MAIN (Area) ADMIN BUILDING SENTRARAND |
|---|--|
| Name of Contractor/Builder:-Contract/Order No.: | |
| The contract works site/ard of associated works In terms of your contract/d with (company TRANSNET) | |
| | t all times responsible for the control and safety of the Works Site, and trol having access to the site. |
| Occupational Health and S Contract pertaining to the | you will be responsible for compliance with the requirements of the safety Act, 1993 (Act 85 of 1993) as amended, and all conditions of the site of the works as defined and demarcated in the contract documents site or work areas forming part thereof. |
| Signed :TECHNICAL SUI | PERVISOR |
| | |



ACKNOWLEDGEMENT OF RECEIPT

| Name Contractor/Builder :- | of | I_i |
|---|----|---|
| | | do hereby acknowledge and accept the duties |
| and obligations in a Occupational Health | | afety of the site/area of Work in terms of the ct 85 of 1993. |
| Name: | | Designation: |
| Signature: | | Date : |
| | | |
| | | |
| | | |
| 760 | | |
| | | |



TENDER ENQUIRY/CONTRACT DOCUMENT (PETTY CONTRACT)

Quotation/Contract No. : CRAC/JHB/7422

Particulars of Contract Work: <u>SUPPLY AND INSTALL AIRCONS MAIN ADMIN BUILDING SENTRARAND</u>

PARTICULARS OF TENDER:

| IANI | ICULARS | S OF TENDER. |
|------|------------------------------|---|
| 1. | I/WE: | |
| | of: | |
| | T. II A 1.1 | (Name of company, partnership or firm) |
| | Full Address | S: |
| | | |
| | Fax No.: | |
| | Tel No.: | () () |
| | Carrying on | business under the style or title of: |
| | represented | by: |
| | in *my/his | capacity as: |
| | a certified co | authorized thereto by a *Resolution of the Board of Directors/Certificate of Partners, dated opy of which is annexed hereto, hereby offer to undertake and complete the above-mentioned work, ce with the terms and conditions set out below and at |
| | | sum to be ascertained from the quantities of work carried out at the rates and/or prices shown in the nedule of Quantities and Prices attached hereto, amounting to approximately |
| | | R (Excluding VAT) |
| | | OR |
| | * A1 | tump sum in the amount of $\frac{RN/A}{Delete \ which \ is \ inapplicable}$. (* Delete which is inapplicable). |
| 2. | | of this tender and those set forth in the accompanying letter(s), reference N/A dated the acceptance thereof by Transnet shall constitute a binding contract between me/us and Transnet |
| 3. | | nd conditions set out in the documents as indicated in the Schedule of documents annexed hereto are d in this tender: |
| | the event of letter(s) shall | ents as indicated in the Schedule of documents are to be taken as complementary to each other. In any conflict between any of these documents and any letter(s) accompanying the tender, such tender II prevail. In the event of any conflict between the Project Specification and any other documents, the Project Specification shall prevail. |
| 4. | to 1 | e Work shall be completed within <u>N/A</u> <u>days / weeks / months</u> from the date of written notification me/us of the acceptance of this tender. (<i>Tenderer to state completion period. Tenderers who offer earliest completion iod may be a deciding factor when tenders are adjudicated</i>) |
| | | e Work shall commence on <u>2011</u> and be completed on or before <u>OR</u> Delete which is not applicable) |



The contract shall commence on the date on which the Tenderer has been notified of the acceptance of his tender, either per facsimile transmission, when the receipt transmitted by his facsimile machine shall be regarded as proof of notification, or by telegram and/or letter in which case the date of the sending and/or posting thereof shall be regarded as the date of notification, and the office of the South African Post Office Limited and/or Telkom SA Limited will be regarded as the agent of the Tenderer for receiving the notification.

| | | ŭ . | | · · |
|----------------|--------------------------------------|---|---------------------------------|---|
| 5. | A penalty for late co- Contract). | ompletion of R <u>100-00</u> per calendar day wil | be payable in terms of clause | 4 of the General Conditions of Contract (Petty |
| 6. | Payment will be made | de within 30 days after certification of the C | Certificate of Completion by Tr | ansnet's supervisor. |
| 7. | | d good for a period of 60 days after the cl or any quotation, and reserves the right to ac | | ons. Transnet does not bind itself to place an a quotation. |
| 8. | Tenders in seale | d envelopes, clearly endorsed: | TENDER ENQUIRY NO | 0 |
| | addressed to: Te | nder Advise Centre, 21 Wellingto | n road , Inyanda 1, Grou | und Floor, Parktown. |
| | should reach t | that officer not later than 10:00 o | n TUESDAY <u>14 JUNE 20</u> | <u>11</u> . |
| | | lso be delivered by hand to the must be deposited in the tender be | | 21 Wellington Road, Ground Floor, ve-mentioned date. |
| | NOTE: Late que | otations will not be considered. | | |
| 9. | Further informa | tion with regard to this enquiry is o | obtainable as follows: - | |
| | Technical: | Mr. ML LAMPRECHT | , telephone (011) | 7737841 |
| | Commercial: | Mr. WJ SNYMAN | , telephone (011) | <u>773 7847</u> |
| this end | | ay at any time communicate w | ith the above-mention | ned persons on matters relating to |
| 10. | Tenderers shall com | plete the annexure hereto and certify it as co | orrect. | |
| Signed by | | | | on |
| | | | | |
| ochan oi_ | | *. (/) | | at |
| on this | in | day of | | 20 |
| | | | | |
| thepresenc | ee of the undersigned | witnesses. | | |
| (S) WITNESS | SES: | | | TENDERER |

Identity No. _

Identity No. _



PARTICULARS OF ACCEPTANCE OF TENDER:

| I, bei | ng the designated mar | | authorised representative of | | ed accept, on behalf of to be completed in a | Transnet Limited, the tended accordance with the | er of |
|--------------|---------------------------|------------------|------------------------------|----------------|---|--|-------|
| terms and | d conditions in the Parti | culars of Tende | er set out hereinbefore. | | | | |
| Signed at | JOHANNESBURG_ | on this | day of | | _2011 in the presence of | f the undersigned witnesses. | |
| | | | | | DESIGNATION:P.p. | . TRANSNET LIMITED | |
| AS WIT | NESSES : | | | | | | |
| 1. | - | | | Identity No | | | |
| 2. | | | | Identity No. | | | |
| | | | | | | | |
| <u>CERTI</u> | FICATE OF COM | <u>PLETION</u> | | | | | |
| Certified | that the above work wa | s satisfactorily | completed on | | | 20 and | |
| * | that all surplus mater | ial has been ret | urned to Transnet and duly a | accounted for. | | | |
| * | that all material requ | isitioned for an | d supplied has been used for | the Work. | | | |
| | (* Delete portion no | t required) | | | | | |
| | | | | | TRA | ANSNET SUPERVISOR | |
| Final pay | ment authorised | | N | | | | |
| | | * _ (| 2) | | 1 | FRANSNET MANAGER | |
| DATE: | | 20 | | | | | |
| | .0 | | | | | | |



GENERAL CONDITIONS OF CONTRACT (PETTY CONTRACT)

- 1. The Contractor shall carry out the work in accordance with the attached Contract Specifications and in a thorough and workmanlike manner.

 The final acceptance of the work rests with Transnet's designated manager.
- 2. The Contractor shall supply all necessary labour, tools, equipment and material.
- 3. Should Transnet provide or make available any material and/or equipment, the Contractor shall be responsible for the correct and economical transport, storage and usage thereof. The cost of any loss or damage to Transnet equipment other than through normal wear and tear, and any uneconomical usage or loss of material provided by Transnet, will be recovered from the Contractor.
- 4. Should the Contractor fail to complete the work by the date or within the period stipulated in this agreement or by such extended date as may be allowed by Transnet in terms of clause 8, he shall pay to Transnet as penalties in terms of the Conventional Penalties Act of 1962 (as amended) the amount stated in the Tender Enquiry/Contract Document for each day or part thereof during which the work remains uncompleted.

Application for relief from the obligation to pay a penalty will only be considered by Transnet if the Contractor can prove to the reasonable satisfaction of Transnet that the penalty is out of proportion to the prejudice suffered by Transnet by reason of the act or omission in respect of which the penalty was stipulated.

- 5. No transport concessions will be allowed.
- 6. The obligation to take care of and protect the contract work and everything connected therewith shall rest solely with the Contractor who shall take all necessary precautions to protect the public, the property of the public, and the property and personnel of Transnet and all other persons from damage or injury, and to protect adjoining properties from trespass or damage during the progress of the work.

The risk of physical loss of or damage to the contract work, temporary works, materials and equipment to be incorporated into the works shall be borne by the Contractor and he shall arrange such insurances as may be necessary for the protection thereof.

Transnet will, in the case where a risk of legal liability for accidental death of or injury to third party persons and/or accidental loss of or damage to third party property may arise out of the carrying out of the contract work, arrange for such public liability insurance in the joint names of Transnet and the Contractor as is deemed necessary by Transnet.

The Contractor shall be responsible for obtaining insurance against loss of or damage to his own machinery tools, equipment, materials and site establishment and any consequential financial losses arising from such damage. The Contractor shall likewise arange his own insurances in respect of motor vehicle liability and common law liabilities of the Contractor as an employer.

- 7.a) The Contractor shall comply with the Occupational Injuries and Diseases Act. (Act 130 of 1993) and any amendment thereof.
- 7.b) * (i) The Contractor shall observe and comply with the provisions of the Explosives Act. No. 26 of 1956 and any amendment thereof and with any regulations framed hereunder.
 - (ii) Blasting in the vicinity of open lines will be permitted only during intervals between trains. It will be controlled by a person appointed by Transnet, who will be in telephonic communication with the nearest station and whose instructions the Contractor shall carry out implicitly. The Contractor shall have labour available to clear any stones or debris deposited on the track by blasting and to repair any damage to the track immediately after occurrence thereof.

(* Delete if not applicable.)

- 7.c) The Contractor shall comply with the Occupational Health and Safety Act (Act No. 85 of 1993). The Contractor is, in terms of section 37(2) of Act 85 of 1993 deemed to be an employer in his own right with duties as prescribed in the said Act and agrees to ensure that all work will be performed or machinery and plant used in accordance with the provisions of the Act in respect of all persons in his employ, other persons on the premises or the site or place of the works or on the works to be executed by him and under his control in terms of the contract. The agreements in this contract and all documents attached or referred to, form an integral part of the arrangements and procedures mentioned in the aforementioned section.
- 7.d) The Contractor also undertakes to comply with any safety requirements of Transnet, as adopted from time to time, and instructed by the relevant project leader.
- 7.e) The Contractor shall at his own costs comply with the provisions of all such laws, Provincial Ordinances, Local Authority Bylaws and all relevant Regulations framed there under which are applicable to the work to be undertaken.



- 8. If the Contractor suffers delay or incurs extra expense as the result of delay on the part of Transnet in supplying such materials as are to be provided by it, or from any other cause, the Contractor shall inform Transnet within 48 hours of the commencement of the delay, and may, within 14 days after such delay has ended, apply in writing to Transnet for extra time and/or extra payment and Transnet shall after investigation grant such extension of time and/or authorise payment of such sum as is considered reasonably adequate to cover the delay or to compensate for the extra direct expense suffered by the Contractor. Transnet will grant such extension of time and/or authorise the payment of such sum, as it considers adequate to cover the delay suffered or to compensate the Contractor.
- 9. The Contractor shall not assign his obligations under the contract, nor sublet the contract work or any part thereof without the consent of the Manager. Breach of this condition will entitle Transnet to cancel the contract forthwith.
- 10. Any amount certified by the Manager as being recoverable from the Contractor in terms of any of the preceding clauses may, without prejudice to any other legal rights which Transnet may have, be deducted from any moneys due to the Contractor by Transnet whether under this contract or from any source whatsoever.
- 11. On completion of the work, the Contractor shall inform the Manager who will arrange a final inspection. If the work has been completed to his satisfaction, the Manager will issue a Certification of Completion and arrange payment of all moneys due to the Contractor by Transpet.

Except where expressly agreed to the contrary with Transnet, the Contractor requests and authorises Transnet to send any amount due to him by registered post to his known postal address or any other address requested in writing by the Contractor. The Contractor declares that the SA Post Office Limited acts as his representative and that the risk that such payment does not reach him after it has been sent by post lies totally with the Contractor.

- 12. Transnet may order alterations, extras, additions to or omissions from the works. The Contractor shall carry out or give effect to such orders from Transnet. The rates for such work shall be agreed between the Contractor and Transnet and where possible rates quoted in the schedule of work and prices shall form the basis, as far as may be reasonable, of such agreement.
- 13. If a dispute of any kind arises between the Contractor and any member of Transnet personnel in connection with the contract, the matter shall be referred to the designated Manager. The Manager shall decide the dispute and advise the Contractor accordingly.

The Manager's decision shall be final and binding upon the parties unless the Contractor has, within 14 days of the date thereof, notified Transnet in writing of his dispute of the decision, in which case the matter shall be referred to arbitration.

Such arbitration shall be by a single arbitrator who shall be selected by agreement between the parties or, failing such agreement, nominated on application of either party by the Chairperson for the time being of the Association of Arbitrators of South Africa.

The Arbitrator shall have unfettered discretion and jurisdiction to decide the procedure of the arbitration and the matter in dispute and his award shall be final and binding on the parties hereto.



SECTION 5

REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER: CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND

RETURNABLE DOCUMENTS

C.1.Returnable Schedules / Documents required for tender evaluation purposes (By e.g.

| | Returnable Schedules / Documents | YES/NO/N/A |
|----|--|------------|
| 1 | Certificate Of Authority For Joint Ventures (Where Applicable | x |
| 2 | Schedule of the Tenderers Experience | х |
| 3 | Certificate of Attendance at Clarification Meeting | х |
| 4 | Labour Payment Schedule | x |
| 5 | Supplier Declaration form (version2) | x |
| 6 | Letter of Good Standing with the Compensation Commissioner | x |
| 7 | Original / Certified BBBEE Rating Certificate With Detailed Scorecard | x |
| 8 | Statement Of Compliance With Requirements Of The Scope Of Work | x |
| 9 | Certified Copy of Financial Statements (for the past 3 years) including Balance SHEETSts where BBBEE not provided. | х |
| 10 | Certified Copy of Share Certificates CK1 & CK2 | Х |
| 11 | Certified Copy Of Certificate Of Incorporation and CM29 and CM9 | Х |
| 12 | Certified Copy of Identity Documents of Shareholders/Directors/Members (Where Applicable) | Х |
| 13 | Cancelled Cheque | Х |
| 14 | Original current Tax Clearance Certificate | Х |
| 15 | Original Vat Registration Certificate | Х |
| 16 | Copy of BEE Policy/BEE Plan/Employment Policy/Procurement Policy | х |

| SIGNATURE OF TENDERER: | Deter |
|------------------------|-------|
| SIGNATURE OF TENDERER: | Date: |



SECTION 6

REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER: CRAC/JHB/7422

Transnet Supplier Declaration/Application

The Financial Director or Company Secretary

Transnet Vendor Management has received a request to load your company on to the Transnet vendor database. Please furnish us with the following to enable us to process this request:

- 1. Complete the "Supplier Declaration Form" (SDF) on page 2 of this letter
- 2. Original cancelled cheque OR letter from the bank verifying banking details (with bank stamp)
- 3. Certified copy of Identity document of Shareholders/Directors/Members (where applicable)
- 4. Certified copy of certificate of incorporation, CM29 / CM9 (name change)
- 5. **Certified** copy of share Certificates of Shareholders, CK1 / CK2 (if CC)
- 6. A letter with the company's letterhead confirming physical and postal addresses
- 7. Original or certified copy of SARS Tax Clearance certificate and Vat registration certificate
- A signed letter from the Auditor / Accountant confirming most recent annual turnover and percentage black ownership in the company AND/OR BBBEE certificate and detailed scorecard from an accredited rating agency (SANAS member).
- NB: Failure to submit the above documentation will delay the vendor creation process.
 - Where applicable, the respective Transnet business unit processing your application may request further information from you. E.g. proof of an existence of a Service/Business contract between your business and the respective Transnet business unit etc.

IMPORTANT NOTES:

- a) If-your annual turnover is less than R5 million, then in terms of the DTI codes, you are classified as an Exempted Micro Enterprise (EME). If your company is classified as an EME, please include in your submission, a signed letter from your Auditor / Accountant confirming your company's most recent annual turnover is less than R5 million and percentage of black ownership and black female ownership in the company AND/OR BBBEE certificate and detailed scorecard from an accredited rating agency (e.g. permanent SANAS Member), should you feel you will be able to attain a better BBBEE score.
- b) If your annual turnover is between R5 million and R35million, then in terms of the DTI codes, you are classified as a Qualifying Small Enterprise (QSE) and you claim a specific BBBEE level based on any 4 of the 7 elements of the BBBEE score-card, please include your BEE certificate in your submission as confirmation of your status.
 - NB: BBBEE certificate and detailed scorecard should be obtained from an accredited rating agency (e.g. permanent SANAS Member).
- c) <u>If your annual turnover is in excess of R35million</u>, then in terms of the DTI codes, you are classified as a Large Enterprise and you claim a specific BEE level based on all seven elements of the BBBEE generic score-card. Please include your BEE certificate in your submission as confirmation of your status.
 - NB: BBBEE certificate and detailed scorecard should be obtained from an accredited rating agency (permanent SANAS Member).
- d) To avoid PAYE tax being automatically deducted from any invoices received from you, you must also contact the Transnet person who lodged this request on your behalf, so as to be correctly classified in terms of Tax legislation.



- e) Unfortunately, <u>No payments can be made to a vendor until</u> the vendor has been registered, and no vendor can be registered until the vendor application form, together with its supporting documentation, has been received and processed.
- f) Please return the completed Supplier Declaration Form (SDF) together with the required supporting documents mentioned above to the Transnet Official who is intending to procure your company's services/products in order that he/she should complete and Internal Transnet Departmental Questionnaire before referring the matter to the appropriate Transnet Vendor Master Office.

Regards,

Transnet Vendor/Supplier Management [please substitute this with your relevant Transnet department before sending this document out]

Supplier Declaration Form

| Company Tradin | g Name | | | | | | | | |
|---------------------|------------------|----------------|--------------------------------|-----------|-----------|-----------|-------|---------------|-----|
| Company Regist | tered Name | | | | | | | | |
| Company Registr | ation Number C | or ID Number | If A Sole P | roprietor | | | | | |
| Form of entity | CC | Trust | Pty L | td L | imited | Partners | hip | Sole Proprie | tor |
| VAT number (if r | registered) | | | | | | | | |
| Company Telepi | none Number | | | | | | | | |
| Company Fax N | umber | | | | | | | | |
| Company E-Mai | Address | | | | | | | | |
| Company Websi | te Address | | | | | | | | |
| Bank Name | | | Ba | nk Accou | nt Number | | | | |
| Postal | | | | | | | | | |
| Address | | | | | | | Cod | de | |
| Physical Address | Code | | | | | | | | |
| Contact Person | | | | | | | 000 | | |
| Designation | | | | | | | | | |
| Telephone | | | | | | | | | |
| Email | | | | | | | | | |
| Annual Turnover F | Range (Last Fina | ncial Year) | < R5 Millio | n | R5-35 n | nillion | | > R35 million | |
| Does Your Comp | any Provide | | Products | | Service | S | | Both | |
| Area Of Delivery | | | National | | Provinc | ial | | Local | |
| Is Your Company | A Public Or Pr | vate Entity | vate Entity | | | | | Private | |
| Does Your Comp | any Have A Ta | x Directive O | Directive Or IRP30 Certificate | | | | | No | |
| Main Product Or | Service Supplie | d (E.G.: Stati | onery/Cons | sulting) | | | | | |
| BEE Ownership | Details | | | | | | | | |
| % Black Ownership | 9 | 6 Black womer | ownership | | % D | ownership | son/s | | |
| Does your comp | any have a BE | E certificate | | Yes | | | lo | | |
| What is your bro | ad based BEE | status (Leve | el 1 to 9 / U | nknown) |) | | | | |
| How many person | firm employ | P | ermaner | nt | Part | time | | | |
| Transnet Contac | t Person | | | | | | | | |
| Contact number | | | | | | | | | |
| Transnet operati | na division | | | | | | | | |

Duly Authorised To Sign For And On Behalf Of Firm / Organisation

| | 17 | MN: |) IA | =1 |
|------|----|-----|------|----|
| 00 | - | M | | |
| | | - | | |
| - 41 | 7 | | | |



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

NB: Please return the completed Supplier Declaration Form (SDF) together with the required supporting documents mentioned above to the Transnet Official who is intending to procure your company's services/products.

2. VENDOR TYPE OF BUSINESS

(Please tick as applicable)

(* - Minimum requirements)

2.1 Indicate the business sector in which your company is involved/operating:

| Agriculture | Mining and Quarrying |
|---|--|
| Manufacturing | Construction |
| Electricity, Gas and Water | Finance and Business Services |
| Retail, Motor Trade and Repair Services | Wholesale Trade, Commercial Agents and Allied Services |
| Catering, accommodation and Other Trade | Transport, Storage and Communications |
| Community, Social and Personal Services | Other (Specify) |
| Principal Business Activity * | |
| Types of Services Provided | |
| Since when has the firm been in business? | |

| 2.2 | What is | your co | mpany's | annual turn | over (ex | cluding | VAT)? * | + | |
|---|---|--|--|--|--|---|--|---|-------|
| <r20k< th=""><th>>R20k <r0.3m< th=""><th>>R0.3m <r1m< th=""><th>>R1m <r5m< th=""><th>>R6m <r10m< th=""><th>>R11m <r15m< th=""><th>>R16m <r25m< th=""><th>>R26m <r30m< th=""><th>>R31m <r34m< th=""><th>>R35m</th></r34m<></th></r30m<></th></r25m<></th></r15m<></th></r10m<></th></r5m<></th></r1m<></th></r0.3m<></th></r20k<> | >R20k <r0.3m< th=""><th>>R0.3m <r1m< th=""><th>>R1m <r5m< th=""><th>>R6m <r10m< th=""><th>>R11m <r15m< th=""><th>>R16m <r25m< th=""><th>>R26m <r30m< th=""><th>>R31m <r34m< th=""><th>>R35m</th></r34m<></th></r30m<></th></r25m<></th></r15m<></th></r10m<></th></r5m<></th></r1m<></th></r0.3m<> | >R0.3m <r1m< th=""><th>>R1m <r5m< th=""><th>>R6m <r10m< th=""><th>>R11m <r15m< th=""><th>>R16m <r25m< th=""><th>>R26m <r30m< th=""><th>>R31m <r34m< th=""><th>>R35m</th></r34m<></th></r30m<></th></r25m<></th></r15m<></th></r10m<></th></r5m<></th></r1m<> | >R1m <r5m< th=""><th>>R6m <r10m< th=""><th>>R11m <r15m< th=""><th>>R16m <r25m< th=""><th>>R26m <r30m< th=""><th>>R31m <r34m< th=""><th>>R35m</th></r34m<></th></r30m<></th></r25m<></th></r15m<></th></r10m<></th></r5m<> | >R6m <r10m< th=""><th>>R11m <r15m< th=""><th>>R16m <r25m< th=""><th>>R26m <r30m< th=""><th>>R31m <r34m< th=""><th>>R35m</th></r34m<></th></r30m<></th></r25m<></th></r15m<></th></r10m<> | >R11m <r15m< th=""><th>>R16m <r25m< th=""><th>>R26m <r30m< th=""><th>>R31m <r34m< th=""><th>>R35m</th></r34m<></th></r30m<></th></r25m<></th></r15m<> | >R16m <r25m< th=""><th>>R26m <r30m< th=""><th>>R31m <r34m< th=""><th>>R35m</th></r34m<></th></r30m<></th></r25m<> | >R26m <r30m< th=""><th>>R31m <r34m< th=""><th>>R35m</th></r34m<></th></r30m<> | >R31m <r34m< th=""><th>>R35m</th></r34m<> | >R35m |
| | | | | | | | | | |

| 2.3 | Where are your operating/distribution centres situated * | | | | | |
|-----|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |



3. VENDOR OWNERSHIP DETAIL

(Please tick as applicable)

(* - Minimum requirements)

| 3.1 | Did the firm previously o | perate under another name? * | |
|-----|---------------------------|------------------------------|--|
| YES | NO | | |

3.2 If Yes state its previous name:*

Registered Nam Trading Name

3.3 Who were its previous owners / partners / directors?*

SURNAME & INITIALS

ID NUMBERS

| 3.4 | | | | | - | nd sharehold ership as rele | | name, |
|------------|--------------------|---------|-----|----------------|--------|--------------------------------|------------|-------------|
| SURNAME | IDENTITY NUMBER | CITI- | | DIS - ABLED | GENDER | DATE OF OWNERSHIP | % OWNED | % VOTING |
| & INITIALS | | 7FNSHIP | HDI | | | | | |

| 3.5 | List details of of the firm: * | current o | directors, | officers, c | hairman, secretai | ry etc. |
|--------------------|--------------------------------|-----------|----------------|-------------|-------------------------------------|-------------------|
| SURNAME & INITIALS | IDENTITY NUMBER | TITLE | DIS - ABLED | GENDER | % OF TIME DEVOTED TO THE FIRM | CONTACT NUMBER |

3.6 List details of firms personnel who have an ownership interest in another firm: *



SURNAME

IDENTITY NUMBER

NAME & ADDRESS OF OTHER FIRM

TITLE IN OTHER **FIRM**

% OWNED

TYPE OF **BUSINESS OF** OTHER FIRM

&

| Ĺ | INITIALS | |
|---|----------|--|
| | | |

| 4. VENDOR DETAIL | |
|-----------------------------|----------------------------|
| (Places tick as applicable) | (* - Minimum roquiroments) |

How many personnel does the firm employ? * 4.1

| | BLACK | WHITE | COLOURED | INDIAN | OTHER | TOTAL |
|-----------|-------|-------|----------|--------|-------|-------|
| Permanent | | | | | | |
| Part Time | | | | | | |

In terms of above kindly provide numbers on women and disabled personnel? * 4.1.1

| | BLACK | WHITE | COLOURED | INDIAN | OTHER | TOTAL |
|----------|-------|-------|----------|--------|-------|-------|
| Women | | | | | | |
| Disabled | | | | | | |

| 4.2 | Provide Details of Empowerment (BE | | n/s Responsible for Broad Base mpany * | ed Black Economic |
|-----|---------------------------------------|----------|---|-------------------|
| SU | RNAME | INITIALS | DESIGNATION | TELEPHONE NO. |
| | | | | |
| | | | | |
| | | | | _ |

Is your company a value adding supplier (i.e. registered as a vendor under the VAT Act of 1991, 4.2.1 where NPAT + total labour cost > 25% of total revenue)?

Is your company a recipient of Enterprise Development Contributions?* 4.2.2

YES NO

May the above mentioned information be shared and included in Transnet Supplier Database for 4.2.3

future reference? *

NO YES

If you are successful in the tender/contract (where applicable) and this is awarded to your 4.2.4 organisation, will this have a positive impact on your employment plans? * company /

YES NO

If yes (above) kindly provide the following information: 4.2.5

| | BLACK | WHITE | COLOURED | INDIAN | OTHER | TOTAL |
|-----------|-------|-------|----------|--------|-------|-------|
| Permanent | | | | | | |
| Part Time | | | | | | |



| 4.2.6 | In terms of above | kindly provide numbers | on woman and disal | bled personnel | |
|-------------------|--------------------|---------------------------------|------------------------|----------------|----------------------------------|
| | BLACK | WHITE COLOU | RED INDIAN | OTHER | TOTAL |
| Women Disabled | | | | | |
| 4.2.7 | Are any of your m | embers/shareholders/dir | ectors ex employees | of Transnet? | |
| YES | | NO | | | |
| 4.2.8 | Are any of your fa | mily members employees | s of Transnet? | | |
| YES | | NO | | | |
| 4.2.9 | If Yes to points | 1.2.7 & 4.2.8, list details | s of employees/ex- | -employees | |
| SURNAME | IDENTITY NUMBER | NAME & ADDRESS OF OTHER FIRM | TITLE IN OTHER FIRM | % OWNED | TYPE OF BUSINES OF OTHER FIRM |
| & INITIALS | | | | | ▼ |

Internal Transnet Departmental Questionnaire (for office use only)

| Section 1: | To be completed b | y the Transnet I | Requesti <mark>n</mark> g / S | ourcing Department | |
|----------------|--|----------------------|-------------------------------|--|-----------------------|
| TFR | TRE | TPT | TPL | TNPA | TRN |
| Create | Amend | Block | Unblock | Once-Off / Em | ergency |
| Extend | Delete | Undele | | | |
| Supplier's tra | ading name | | | | |
| Supplier's re | gistered name | | | | |
| Please indic | ate if the Supplier h | as a contract with | n sourcing Tran | snet OD Yes | No |
| If yes please | submit a copy of the | ne letter of award | | | |
| i. Products | being procured fr | om the supplier | ? | No | |
| ii. Services | | Yes | | No | |
| iii. Labour d | | Yes | | No | |
| iv. Mix of se | ervices and product | s Yes | | No | |
| v. Mix of se | ervices and labour | Yes | | No | |
| question | naires have been forw | arded to the appropr | iate Transnet Op | , please indicate whether erational Divisions' dec rithholding from payments | ision making bodies / |
| c) If your re | eply to (b) is " NO ", p | olease furnish rea | isons : | | |

d) Certification and Approval of proposed Vendor Creation/Unblocking/Other Changes by Transnet Official with Appropriate Delegated Authority:



I HEREBY CERTIFY THAT THE TRANSNET DETAILED PROCUREMENT PROCESS (DPP) / PROCUREMENT MECHANISM HAS IN ALL RESPECTS BEEN ADHERED TO AND I THEREFORE APPROVE THE PROPOSED VENDOR CREATION/APPROVAL/OTHER CHANGES TO BE EFFECTED ON THE VENDOR MASTER

| | Name Tel No: | | | | Grade | | | | | D | ate | | | | | Signature |
|---------|--------------|----------|--------|-----|-----------------|--|-----|--------|----------|------------|--------------|-------|-------------|----------|----------|--------------------|
| | | | | | | Υ | Υ | Υ | Υ | M | \mathbb{N} | D | D | | | |
| | | | | | | | | | | | | | | | | |
| Tel No: | | | | | | | Fa | X | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Section | 2: To b | o com | aleted | hv | the RFF I | Denart | mer | nt (th | is se | ction | is fo | r Cor | nfirma | ation | Determin | ing of BEE Status) |
| | | e comp | Jictea | ~ , | tile DEL I | Scpare | | (611 | 00 | Otioi | | 1 001 | | atioi ii | Determin | g 5: 522 State 5) |
| | RROW BAS | | | | the BLE | Jopan | | (| | | | SED (| | | Determin | 30. 552 518.007 |
| | | | | | CONTB. LEVEL | EME <r5m< td=""><td>: </td><td>-</td><td>B SE:</td><td>ROA</td><td></td><td></td><td>BBBI GE:</td><td></td><td></td><td>LIDITY DATE</td></r5m<> | : | - | B SE: | ROA | | | BBBI GE: | | | LIDITY DATE |
| NAF | RROW BAS | SED (NB) | | | CONTB. | EME | : | | B SE: | ROA | | SED (| BBBI GE: | | | |
| NAF | RROW BAS | SED (NB) | | | CONTB. | EME <r5m< td=""><td>: </td><td></td><td>B SE:</td><td>ROA 35m</td><td></td><td>SED (</td><td>BBBI GE:</td><td></td><td>VA</td><td></td></r5m<> | : | | B SE: | ROA 35m | | SED (| BBBI GE: | | VA | |
| NAF | BWBE | SED (NB) | | | CONTB. LEVEL | EME <r5m< td=""><td>: </td><td></td><td>B SE:</td><td>ROA 35m</td><td>DBA</td><td>SED (</td><td>BBBI GE:</td><td></td><td>VA</td><td>LIDITY DATE</td></r5m<> | : | | B SE: | ROA 35m | DBA | SED (| BBBI GE: | | VA | LIDITY DATE |



REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER: CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND

GENERAL TERMS AND CONDITIONS (CSS5 - GOODS)



REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER: CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND

STANDARD TERMS AND CONDITIONS OF CONTRACT (US7 - SERVICES)





REQUEST FOR QUOTATION ("RFQ")

RFQ NUMBER: CRAC/JHB/7422

SUPPLY AND INSTALL VRV TYPE AIRCON SYSTEM AT MAIN ADMIN BUILDING SENTRARAND NON-DISCLOSURE AGREEMENT

| THIS A | AGREEMENT is made the day of |
|--------|---|
| BETW | EEN: |
| (1) | Transnet Limited ("Transnet") (Registration Number 1990/000900/06) whose registered office is at 49 th Floor, Carlton Centre, 150 Commissioner Street, Johannesburg 2001, and |
| (2) | [) ("the Company") (Registration Number) whose registered office is at [|
| WHER | |

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

IT IS HEREBY AGREED

- 1. Interpretation
- 1.1 In this Agreement:-
 - "Agents" means directors, officers, employees, agents, professional advisers, contractors or subcontractors, or any Group member;
 - "Confidential Information" means Information relating to one party (the "Disclosing Party") and/or the business carried on or proposed or intended to be carried on by that party and which is made available for the purposes of the Proposal to the other party (the "Receiving Party") or its Agents by the Disclosing Party or its Agents or recorded in agreed minutes following oral disclosure and any other information otherwise made available by the Disclosing Party or its Agents to the Receiving Party or its Agents, whether before, on or after the date of this Agreement, and whether in writing or otherwise, including any information, analysis or specifications derived from, containing or reflecting such information but excluding information which:-
 - is publicly available at the time of its disclosure or becomes publicly available (other than as result of disclosure by the Receiving Party or any of its Agents contrary to the terms of this letter); or
 - (ii) was lawfully in the possession of the Receiving Party or its Agents (as can be demonstrated by its written records or other reasonable evidence) free of any restriction as to its use or disclosure prior to its being so disclosed; or
 - (iii) following such disclosure, becomes available to the Receiving Party or its Agents (as can be demonstrated by its written records or other reasonable evidence) from a source other than



the Disclosing Party or its Agents, which source is not bound by any duty of confidentiality owed, directly or indirectly, to the Disclosing Party in relation to such information;

"Group" means any subsidiary, any holding company and any subsidiary of any holding company of either party;

"Information" means all information in whatever form including, without limitation, any information relating to systems, operations, plans, intentions, market opportunities, know-how, trade secrets and business affairs whether in writing, conveyed orally or by machine-readable medium;

"Proposal" means the aggregation of Transnet's Request for Information (RFI) and Request for Proposal (RFP).

2. Confidential Information

- 2.1 The Receiving Party will treat and keep all Confidential Information as secret and confidential and will not, without the Disclosing Party's written consent, directly or indirectly communicate or disclose (whether in writing or orally or in any other manner) Confidential Information to any other person other than in accordance with the terms of this Agreement.
- 2.2 The Receiving Party will only use the Confidential Information for the sole purpose of technical and commercial discussions between the parties in relation to the Proposal or for the subsequent performance of any contract between the parties in relation to the Proposal.
- 2.3 Notwithstanding clause 2.1, the Receiving Party may disclose Confidential Information:
 - (i) To those of its Agents who strictly need to know the Confidential Information for the sole purpose set out in clause 2.2 provided that the Receiving Party shall ensure that such Agents are made aware prior to the disclosure of any part of the Confidential Information that the same is confidential and that they owe a duty of confidence to the Disclosing Party. The Receiving Party shall at all times remain liable for any actions of such Agents that would constitute a breach of this Agreement; or
 - (ii) to the extent required by law or the rules of any applicable regulatory authority, subject to clause 2.4 below.
- 2.4 In the event that the Receiving Party is required to disclose any Confidential Information in accordance with clause 2.3 (ii) above, it shall promptly notify the Disclosing Party and co-operate with the Disclosing Party regarding the form, nature, content and purpose of such disclosure or any action which the Disclosing Party may reasonably take to challenge the validity of such requirement.
- 2.5 In the event that any Confidential Information shall be copied, disclosed or used otherwise than as permitted under this Agreement then, upon becoming aware of the same, without prejudice to any rights or remedies of the Disclosing Party, the Receiving Party shall as soon as practicable notify the Disclosing Party of such event and if requested take such steps (including the institution of legal proceedings) as shall be necessary to remedy (if capable of remedy) the default and/or to prevent further unauthorised copying, disclosure or use.
- 2.6 All Confidential Information shall remain the property of the Disclosing Party and its disclosure shall not confer on the Receiving Party any rights, including intellectual property rights, over the Confidential Information whatsoever beyond those contained in this Agreement.
- 3. Records and return of Information
- 3.1 The Receiving Party agrees to ensure proper and secure storage of all Information and any copies thereof to at least the same standard as the Receiving Party keeps its own Confidential



Information. The Receiving Party shall not make any copies or reproduce in any form any Confidential Information except for the purpose of disclosure as permitted in accordance with this Agreement.

- 3.2 The Receiving Party shall keep a written record, to be supplied to the Disclosing Party upon request, of the Confidential Information provided and any copies made thereof and, so far as is reasonably practicable, of the location of such Confidential Information and any copies thereof.
- The Receiving Party shall, within seven days of receipt of a written demand from the Disclosing Party or of its ceasing to be interested in the Proposal:
 - (i) Return all written Confidential Information (including all copies); and
 - (ii) expunge or destroy any Confidential Information from any computer, word processor or other device whatsoever into which it was copied, read or programmed by the Receiving Party or on its behalf (including by any person to whom disclosure has been made as permitted under clause 2.3(i) above.

The obligations in this clause 3.3 shall not apply to the extent that (but only for so long as) it is necessary to retain copies for the purpose of providing information to any regulatory authority in accordance with clause 2.3 (ii) above.

3.4 The Receiving Party shall on request supply a certificate signed by a director as to its full compliance with the requirements of clause 3.3 (ii) above.

4. Announcements

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

5. Duration

The obligations of each party and its Agents under this Agreement shall [be continuing and shall survive the termination of any discussions or negotiations between the parties regarding the Proposal continue for a period of 3 (three) years.

6. Principal

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

7. Representations

- 7.1 Each party agrees that any Information made available to the Receiving Party or its Agents for the purpose of negotiations or discussions in relation to the Proposal will not form the basis of, or any representation in relation to, any contract, nor constitute an offer or invitation by the Disclosing Party.
- 7.2 Except in the case of fraudulent misrepresentation, the Disclosing Party accepts no responsibility for nor makes any representation or warranty, express or implied, with respect to the accuracy, reliability or completeness of any Information made available to the Receiving Party or its Agents.



8. Adequacy of damages

- 8.1 Without prejudice to any other rights or remedies of the Disclosing Party, the Receiving Party acknowledges and agrees that damages would not be an adequate remedy for any breach by it of the provisions of this Agreement and that the Disclosing Party shall be entitled to seek the remedies of injunction, specific performance and other equitable relief for any threatened or actual breach of any such provision by the Receiving Party or its Agents, and no proof of special damages shall be necessary for the enforcement of the rights under this Agreement.
- 8.2 Nothing contained in this Agreement shall be construed as prohibiting the Disclosing Party from pursuing any other remedies available by it, either at law or in equity, for any such threatened or actual breach of this Agreement including specific performance, recovery of damages or otherwise.

9. Data Protection

The Receiving Party warrants that it and its Agents have the appropriate technical and organizational measures in place against unauthorized or unlawful processing of personal data and against accidental loss or destruction of, or damage to, personal data held or processed by them.

10. General

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

his Agreement will be governed by, and construed in accordance with South African law and the parties irrevocably submit to the exclusive jurisdiction of the South African courts.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their respective duly authorized representatives.

TRANSNET LIMITED:

T

| TR | ANS | NE | I |
|----|-----|----|---|
| | | | |

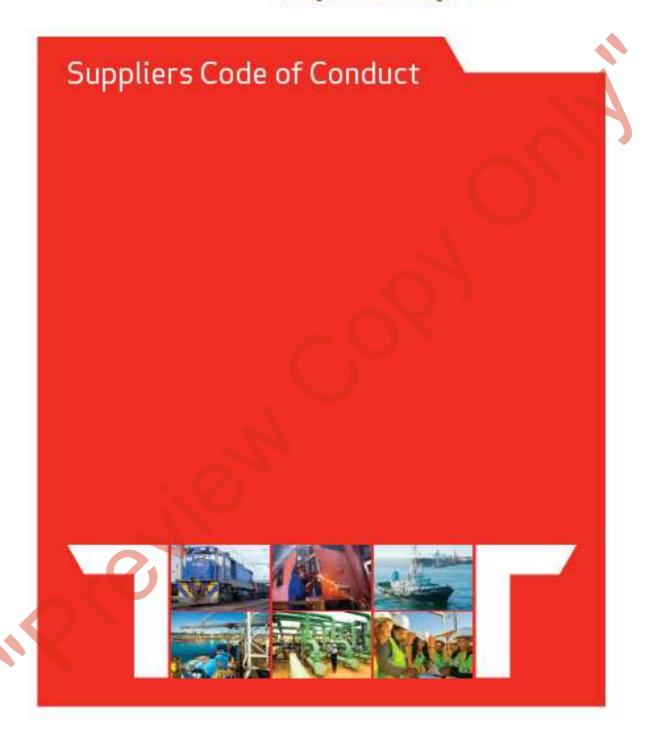
| Print name: Title: Date: [Insert company name]: By: | By:(Signature) | | • | |
|--|--------------------|--------|---|----|
| [Insert company name]: By:(Signature) Print name: | | | | |
| [Insert company name]: By:(Signature) Print name: Title: Date: | Title: | | _ | |
| By:(Signature) Print name: Title: Date: | Date: | | _ | |
| (Signature) Print name: Title: Date: | [Insert compan | name]: | | 13 |
| Title: Date: | By: (Signature) | | | |
| Date: | Print name: | | _ | |
| | Title: | | | |
| | Date: | | | |
| | | | | |

TRANSNET





delivering on our commitment to you



TRANSNER



Suppliers Code of Conduct

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

These are:

- >> Transnet Procurement Policy A guide for tenderers;
- Section 217 of the Constitution the five pillars of Public PSCM (Procurement and Supply Chain Management): fair, equitable, transparent, competitive and cost effective;
- >> The Public Finance Management Act (PFMA)
- The Broad Based Black Economic Empowerment Act (BBBEE); and
- >> The Anti-Corruption Act.

This code of conduct has been compiled to formally apprise Transnet Suppliers of Transnet's expectations regarding behaviour and conduct of its Suppliers.

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

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

Transnetwill not participate in corrupt practices. Therefore, it expects its suppliers to act in a similar manner.

Transnet and its employees will follow the laws of this country and keep accurate business records that reflect actual transactions with, and payments to, our suppliers.





TRANSNER



Employees must not accept or request money or anything of value, directly or indirectly, from suppliers.

Employees may not recieve anything that is calculated to:

- Illegally influence their judgement or conduct or to influence the outcome of a sourcing activity;
- Win or retain business or to influence any act or decision of any person involved in sourcing decisions; gain an improper advantage.
- There may be times when a supplier is confronted with fraudulent or corrupt behaviour of Transnet employees. We expect our suppliers to use our "Tip-offs Anonymous" Hotline to report these acts - 0800 003 056.

Transnet is firmly committed to free and competitive enterprise.

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

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

Generally, suppliers have their own business standards and regulations. Although Transnet cannot control the actions of our suppliers, we will not tolerate any illegal activities.







TRANSNER



These include, but are not limited to:

- Misrepresentation of their product (origin of manufacture, specifications, intellectual property rights, etc);
- -Collusion:
- Failure to disclose accurate information required during the sourcing activity (ownership financial situation, BBBEE status, etc.);
- Corrupt activities listed above; and harassment, intimidation or other aggressive actions towards Transnet employees.
- Suppliers must be evaluated and approved before any materials, components, products or services are purchased from them. Rigorous due diligence must be conducted and the supplier is expected to participate in an honest and straight forward manner.
- Suppliersmustrecordandreport facts accurately, honestly and objectively. Financial records must be accurate in all material respects.







Conflict of Interest

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

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



Show that you support good business practice by logging onto www.transnet-suppliers.net and completing the form.

This will allow us to confirm that you have received, and agree to, the terms and conditions set out in our Suppliers Code of Conduct.

0800 003 056

=

"Preview Copy only