# TRANSNET FREIGHT RAIL, a division of

# TRANSNET SOC LTD

Registration Number 1990/000900/30 [hereinafter referred to as **Transnet**]

# **REQUEST FOR QUOTATION [RFQ] No PTH/52347**

DESCRIPTION: COLLECTION, DELIVERY AND INSTALLATION OF NEW BATTERIES

AND STANDS INCLUDING THE REMOVAL OF EXISTING OBSOLETE

**BATTERIES AND STANDS** 

PERIOD: 14 DAYS

LOCATION: BETWEEN NOUPOORT AND PORT ELIZABETH

ISSUE DATE: 19 / 06 / 2013 CLOSING DATE: 09 / 07 / 2013

CLOSING TIME: 10:00

# Section 1 NOTICE TO BIDDERS

Quotations are requested from interested persons, companies, close corporations or enterprises (hereinafter referred to as the "**Respondent(s)**") to supply the above-mentioned requirement to Transnet.

On or after 19 June 2013 RFQ documents may be inspected at, and are obtainable from the Regional Supply Chain Office, 1<sup>st</sup> Floor, Room 105, Stow Road, Uitenhage.

Arrangements for the collection of the RFQ documents can be made with Me. Babalwa Myozolo on telephone number 041 – 994 2039 or email: Babalwa.myozolo@transnet.net

Quotations which must be completed as indicated in Section 2 of this RFQ are to be submitted as follows:

**METHOD:** post and/or courier

**CLOSING VENUE:** As follows:

#### **Postal Address:**

TRANSNET FREIGHT RAIL

SECRETARIATE OF THE ACQUISITION COUNCIL

(ADMIN SUPPORT)

REGIONAL SCS OFFICE

P.O.BOX 95

**UITENHAGE** 

6230

# Physical Address

TRANSNET FREIGHT RAIL

SECRETARIAT OF THE ACQUISITION COUNCIL

(ADMIN SUPPORT)

TRANSNET FREIGHT RAIL BUILDING

TENDER BOX

 $\mathbf{1}^{\text{ST}}$  FLOOR PASSAGE

**STOW ROAD** 

UITENHAGE

**NB:** Quotations must be enclosed in a sealed envelope which must have inscribed on the outside:

RFQ No : PTH/52347

Description : Battery Installations (Noupoort-Port Elizabeth)

Closing date and time : 09 July 2013 at 10h00 Closing address (refer to abovementioned options)

#### 1 Responses to RFQ

Responses to this RFQ [**Quotations**] must not include documents or reference relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter. The original signed RFQ will serve as the legal binding document and no copies will be accepted for evaluation purposes

#### 2 Broad-Based Black Economic Empowerment [B-BBEE]

Transnet fully endorses and supports the Government's Broad-Based Black Economic Empowerment Programme and it would therefore prefer to do business with local business enterprises who share these same values. Transnet will accordingly allow a "preference" to companies who provide a B-BBEE Verification Certificate. All procurement transactions will be evaluated accordingly.

#### 2.1 **B-BBEE Scorecard and Rating**

As prescribed in terms of the Preferential Procurement Policy Framework Act (PPPFA), Act 5 of 2000 and its Regulations, Respondents are to note the following:

- Proposals will be evaluated on price which will be allocated 80 points and preference which will be allocated 20 points, dependent on the value of the service.
- The 80/20 preference point system applies where the acquisition of the service will be less than R1 000 000.00.
- If the 80/20 preference point system is stipulated and all Bids received exceed R1 000 000.00, the RFQ will be cancelled

In compliance with the Government Gazette No 34612, Notice No. 754 dated 23 September 2011, as from 1 October 2011 valid B-BBEE Verification Certificates must be issued by:

- a) Verification Agencies accredited by the South African National Accreditation System [SANAS]; or
- Registered Auditors approved by the Independent Regulatory Board of Auditors [**IRBA**], in accordance with the approval granted by the Department of Trade and Industry.

Enterprises will be rated by such agencies based on the following:

- c) **Large Enterprises** [i.e. annual turnover greater than R35 million]:
  - Rating level based on all seven elements of the B-BBEE scorecard
- d) Qualifying Small Enterprises QSE [i.e. annual turnover between R5 million and R35 million]:
  - Rating based on any four of the elements of the B-BBEE scorecard
- e) **Exempted Micro Enterprises EME** [i.e. annual turnover less than R5 million]:

In accordance with B-BBEE Codes of Good Practice [Statement 000, Section 4], any enterprise with an annual total revenue of R 5 million or less qualifies as an EME.

Automatic rating of B-BBEE Level 4 irrespective of race or ownership

 Black ownership greater than 50% or Black Women ownership greater than 50% automatically qualify as B-BBEE Level 3

Sufficient evidence to qualify as an EME would be a certificate (which may be in the form of a letter) from an auditor or accounting officer or a certificate from a Verification Agency accredited by SANAS. The certificate must confirm the company's turnover, black ownership / black female ownership and B-BBEE status level.

Respondents are required to furnish proof of the above to Transnet. [i.e. a detailed scorecard as stipulated above in respect of Large Enterprises and QSEs, or a certificate in respect of EMEs].

Transnet will accordingly allocate a maximum of **20 [twenty] points** in accordance with the **80/20** preference point system prescribed in the Preferential Procurement Policy Framework Act (PPPFA), Act 5 of 2000 and its Regulations to the Respondent's final score based on an entity's B-BBEE scorecard rating.

N.B. Failure to submit a B-BBEE certificate, which is valid as at the Closing Date of this RFP, will result in a score of zero being allocated for B-BBEE.

# 2.2 Further Recognition Criteria N/A

#### 3 Communication

- a) Respondents are warned that a response will be liable for 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 this RFQ between the closing date and the date of the award of the business.
- b) A Respondent may, however, before the closing date and time, direct any written enquiries relating to the RFQ to the following Transnet employee:

Name Granville van der Merwe

Division : Transnet Freight Rail (SCS)

Email : <u>Granville.vandermerwe@transnet.net</u>

c) Respondents may also, at any time after the closing date of the RFQ, communicate with the Admin Support Office on any matter relating to its RFQ response:

Telephone 041 – 994 2045

Email <u>ronelle.blom@transnet.net</u>

# 4 Tax Clearance

The Respondent's original valid Tax Clearance Certificate must accompany the Quotation. Failure to provide this document with the RFQ submission will result in disqualification.

# 5 VAT Registration

The valid VAT registration number must be stated here: [if applicable in the content of t	e j
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# 6 Legal Compliance

The successful Respondent shall be in full and complete compliance with any and all applicable national and local laws and regulations.

# 7 Changes to Quotations

Changes by the Respondent to its submission will not be considered after the closing date and time.

# 8 Pricing

All prices must be quoted in South African Rand on a fixed price basis, excluding VAT.

# 9 Prices Subject to Confirmation

Prices quoted which are subject to confirmation will not be considered.

#### 10 Negotiations

Transnet reserves the right to undertake post-tender negotiations with selected Respondents or any number of short-listed Respondents.

# 11 Binding Offer

Any Quotation furnished pursuant to this Request shall be deemed to be an offer. Any exceptions to this statement must be clearly and specifically indicated.

#### 12 Disclaimers

Transnet is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Quotation in response to it. Please note that Transnet reserves the right to:

- modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes;
- reject any Quotation which does not conform to instructions and specifications which are detailed herein;
- disqualify Quotations submitted after the stated submission deadline;
- not necessarily accept the lowest priced Quotation;
- reject all Quotations, if it so decides;
- place an order in connection with this Quotation at any time after the RFQ's closing date;
- award only a portion of the proposed goods / service/s which are reflected in the scope of this RFQ;
- split the award of the order/s between more than one Supplier/Service Provider; or
- make no award at all.

In addition, Transnet reserves the right to exclude any Respondent from the bidding process who has been convicted of a serious breach of law during the preceding 5 [five] years, including but not limited to breaches of the Competition Act 89 of 1998. Respondents are required to indicate below whether or not they have been found guilty of a serious breach of law during the past 5 [five] years:

I/We	do hereby certify that <i>I/we</i>
have/have not been found guilty during the preceding 5 [five] years	of a serious breach of law,
including but not limited to a breach of the Competition Act, 89 of 1998, b	y a court of law, tribunal or

other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences.

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

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NATE OF RDEACH:		

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

#### 13 Evaluation Criteria

Transnet will utilise the following criteria [not necessarily in this order] in choosing a Supplier/Service Provider, if so required:

#### **Phase One:**

- Administrative responsiveness Completeness of response and returnable documents
- Previous Experience in the installation and removal of standby batteries in signal relay rooms

#### **Phase Two:**

- Weighted evaluation based on 80/20 preference point system:
  - Pricing and price basis [firm] whilst not the sole factor for consideration, competitive pricing and overall level of unconditional discounts<sup>1</sup> will be critical

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

$$PS = 80 \left( 1 - \frac{Pt - Pmin}{Pmin} \right)$$

Where:

*Ps* = Score for the Bid under consideration

Pt = Price of Bid under considerationPmin = Price of lowest acceptable Bid

- B-BBEE status of company

Preference points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below.

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	16
4 7	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

<sup>&</sup>lt;sup>1</sup> Only unconditional discounts will be taken into account during evaluation. A discount which has been offered conditionally will, despite not being taken into account for evaluation purposes, be implemented when payment is effected.

14	Validity Period  Transnet desires a validity period of 90 [ninety] days from the closing date of this RFQ.
	This RFQ is valid until
15	Banking Details
	BANK:
	BRANCH NAME / CODE:
	ACCOUNT HOLDER:
	ACCOUNT NUMBER:
16	Company Registration
	Registration number of company / C.C.
	Registered name of company / C.C.
۱7	Disclosure of Prices Quoted
	Respondents must indicate here whether Transnet may disclose their quoted prices and conditions to
	other Respondents:
	YES NO NO
18	Returnable Documents
	<b>Returnable Documents</b> means all the documents, Sections and Annexures, as listed in the tables below.
	a) Respondents are required to submit with their Quotations the <b>Returnable Documents</b> , as detailed below.
	Failure to provide all these Returnable Documents may result in a Respondent's
	disqualification. Respondents are therefore urged to ensure that <u>all</u> these Documents
4	are returned with their Quotations.
	All Sections, as indicated in the footer of each page, must be signed, stamped and dated by the
	Respondent. Please confirm submission of these mandatory Returnable Documents by so indicating
	[Yes or No] in the table below:

Returnable Documents	Submitted [Yes or No]
SECTION 1 : Notice to Bidders	
<ul> <li>Valid B-BBEE Verification Certificate [RSA Large Enterprises and QSEs]</li> <li>Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the tender will result in an automatic score of zero being allocated for B-BBEE scorecard</li> </ul>	
<ul> <li>Valid B-BBEE certificate from auditor, accounting officer or SANAS accredited Verification Agency [RSA EMEs]</li> <li>Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the tender will result in an automatic score of zero being allocated for B-BBEE scorecard</li> </ul>	
SECTION 2 : Quotation Form	
SECTION 3 : Standard Terms and Conditions of Contract for the Supply of Goods or Services to Transnet	
SECTION 4 : Specification	
ANNEXURE A: Battery Maps of Sites between Noupoort and Port Elizabeth	
ANNEXURE B : RFQ Declaration Form	
LETTER OF GOOD STANDING ISSUED BY COMPENSATION COMMISIONER (ORIGINAL OR CERTIFIED COPY)	
TAX CLEARANCE CERTIFICATE (ORIGINAL)	
PROOF OF PREVIOUS EXPERIENCE IN THE INSTALLATION AND REMOVAL OF STANDBY BATTERIES IN SIGNAL RELAY ROOMS	
REQUIRED CERTIFICATION FOR THE INSTALLATION, REMOVAL AND DISPOSAL OF LEAD ACID BATTERIES	

# Respondents to complete this section:

Respondent's contact person:	Name
	Designation
	Telephone
	Cell Phone
	Facsimile
	Email
NE)	

# Section 2 QUOTATION FORM

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hereby offer to supply the service at the prices quoted in the Price Schedule below, in accordance with the conditions related thereto.

I/We agree to be bound by those terms and conditions in:

the Standard Terms and Conditions for the Supply of Goods and Services to Transnet; and any other standard or special conditions mentioned and/or embodied in this Request for Quotation.

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

I/We further agree that if, after I/we have been notified of the acceptance of my/our Quotation, I/we fail to deliver the said goods and service within the delivery lead-time quoted, Transnet may, without prejudice to any other legal remedy which it may have, cancel the order and recover from me/us any expenses incurred by Transnet in calling for Quotations afresh and/or having to accept any less favourable offer.

#### **Price Schedule**

I/We quote as follows for the service required, on a "delivered nominated destination" basis, excluding VAT:

Item No	Description of Service	Unit of Measure	Quantity	Unit Price (ZAR)	Total Price (ZAR)
1	Collection, Delivery and Installation of New Batteries and Stands including the Removal of Existing Obsolete Batteries and Stands at Various Signal Relay Rooms Between Noupoort and Port Elizabeth as per Specification (Section 4)	Per Site	16		
	Gross Total (excluding VAT)		R		

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# **Notes to Pricing:**

- a) All Prices must be quoted in South African Rand, exclusive of VAT
- b) To facilitate like-for-like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilise a different format. Deviation from this pricing schedule could result in a bid being disqualified.
- c) Please note that should you have offered a discounted price(s), Transnet will only consider such price discount(s) in the final evaluation stage if offered on an unconditional basis.
- d) Quoted price must include all expenses per site i.e. travelling, accommodation, etc.

#### Section 3

#### STANDARD TERMS AND CONDITIONS FOR THE SUPPLY OF GOODS OR SERVICES TO TRANSNET

A Supplier shall be obliged to adhere to the Standard Terms and Conditions for the Supply of Goods and Services to Transnet as expressed hereunder. Should the Respondent find any condition(s) unacceptable, it should indicate which condition(s) is/are unacceptable and offer an alternative(s). A Quotation submitted by a Respondent will be subjected to review and acceptance or rejection of its proposed contractual terms and conditions by Transnet's Legal Counsel, prior to consideration for an award of business.

#### 1 SOLE AGREEMENT

Unless otherwise agreed in writing, these terms [**Terms** and each **Term**] and Transnet's purchase order(s) [**Order** or **Orders**] represent the only conditions upon which Transnet SOC Ltd [**Transnet**] procures goods or services specified in the Order [collectively, the **Products**] from the person to whom the Order is addressed [**the Supplier**]. Transnet does not accept any other conditions which the Supplier may specify, unless otherwise agreed to by Transnet in writing. In the event of any inconsistency between these Terms and any Order, these Terms shall take precedence.

#### 2 CONFORMITY WITH ORDER

Products shall conform strictly with the Order. The Supplier shall not vary the quantities specified and/or the specification, if any, stipulated in the Order, without the prior written consent of Transnet. The Supplier warrants that the Products shall be fit for their purpose and of satisfactory quality.

#### 3 DELIVERY AND TITLE

- 3.1 The delivery dates and addresses are those in the Order. Time shall be of the essence in respect of the Supplier's obligations under the Order.
- 3.2 The Supplier will not be excused for delay in delivery or performance except due to circumstances outside its control and then only subject to the Supplier having notified Transnet in writing on becoming aware of such circumstances. Transnet may terminate an Order, in whole or in part, without incurring any liability to the Supplier if such a delay becomes, in Transnet's absolute opinion, significant.
- 3.3 Risk of loss or damage to Products shall pass to Transnet on delivery, and title shall pass to Transnet when payment to the Supplier for the Products has been effected.
- 3.4 If on delivery, the Products do not conform to the Order, Transnet may reject the Products and the Supplier shall promptly rectify any defects or in Transnet's opinion, supply appropriate replacement Products at the Supplier's expense within the specified delivery times, without any liability due by Transnet. Products shall be subject to such testing and/or inspection as Transnet may consider necessary.

#### 4 PRICE AND PAYMENT

- 4.1 Prices specified in an Order cannot be increased. Payment for the Products shall be made by Transnet against an original undisputed invoice(s) [a **Tax Invoice**], supporting documentation and month-end statement from the Supplier. Tax Invoices plus supporting documentation shall be posted to the address shown in the Order.
- 4.2 Payment of the Supplier's valid Tax Invoice(s) will be made by Transnet in the South African currency and on the terms stated in the Order, the standard payment terms being 30 [thirty] days from date of receipt by Transnet of a month-end statement, unless otherwise agreed to in writing. Transnet shall arrange for payment of such Tax Invoices and any pre-authorised additional expenses incurred, provided that the authorised expenses are supported by acceptable documentary proof of expenditure incurred [where this is available]. Any amounts due in terms of these Terms shall be paid to the Supplier, taking into account any deduction or set-off and bank charges.

#### 5 PROPRIETARY RIGHTS LIABILITY

If any allegations should be made or any claim asserted against Transnet that ownership of, or any act or omission by Transnet in relation to Products or any written material provided to Transnet relating to any Products or pursuant to an Order being a violation or infringement of any third party's contractual, industrial, commercial or intellectual property rights including but not limited to any patent, registered design, design right, trade mark, copyright or service mark on any application thereof, the Supplier hereby indemnifies Transnet against and hold it harmless from any and all losses, liabilities, costs, claims, damages and expenses [including any legal fees] arising directly or indirectly from such allegation or claim provided that this indemnity shall not apply where the allegation or claim arises solely as a result of the Supplier following a design or process originated and furnished by Transnet. The Supplier shall either

- a) procure for Transnet the right to continue using the infringing Products; or
- b) modify or replace the Products so that they become non-infringing,

provided that in both cases the Products shall continue to meet Transnet's requirements and any specifications stipulated in the Order. Should neither option be possible, the Supplier may remove, with Transnet's prior written consent, such Products and will pay to Transnet a sum equivalent to the purchase price. If Transnet refuses to give such consent, the Supplier shall have no liability in respect of any continued use of the infringing Products after Supplier's prior written request to remove the same.

#### **6 PROPRIETARY INFORMATION**

All information which Transnet has divulged or may divulge to the Supplier and any information relating to Transnet's business which may have come into the Supplier's possession whilst carrying out an Order, and the existence of the Order, shall be treated by the Supplier as confidential information and shall not, without Transnet's prior written consent, be disclosed to any third party, or be used or copied for any purposes other than to perform the Order. This clause does not apply to information which is public knowledge or available from other sources other than by breach of this Term. Upon request by Transnet, the Supplier shall return all materials issued pursuant to the Order and, pending this, shall protect

Transnet's rights in any such materials. Such confidential information shall at all material times be the property of Transnet.

# 7 DEVELOPMENT WORK IN THE PRODUCTION OF PRODUCTS

If the production or provision of any Products involves research and/or development which is wholly or partly funded by Transnet, then all intellectual property or other rights as a result thereof shall be the property of Transnet on creation.

#### 8 PUBLICITY

The Supplier shall not name Transnet or use its trademarks, service marks [whether registered or not] or Products in connection with any publicity without Transnet's prior written consent.

#### 9 AFTER SALES SERVICE

The Supplier shall provide replacement parts necessary to ensure the uninterrupted operation of the Products supplied for the duration of the warranty period, from delivery of any particular item of the Products and if requested by Transnet shall make these parts available to a third party maintainer of Transnet's choice at the same price as if the parts had been supplied to Transnet. The Supplier undertakes to provide a maintenance service for Products, should Transnet so request, on terms to be agreed. If the Order so indicates, the Supplier will provide a warranty service for the Products at a level to be agreed with Transnet.

#### 10 TERMINATION OF ORDER

- 10.1 Transnet may cancel an Order in whole or in part at any time upon at least 7 [seven] days' written notice to the Supplier, or when there is a change in control of the Supplier or the Supplier commits any serious breach or any repeated or continued material breach of its obligations under these Terms and/or Order or shall have been guilty of conduct tending to bring itself into disrepute, on written notice to the Supplier when such work on the Order shall stop.
- Transpet shall pay the Supplier a fair and reasonable price for justified work in progress, where such price reflects only those costs not otherwise recoverable by the Supplier, at the time of termination, and the Supplier shall give Transpet full assistance to check the extent of such work in progress. Payment of such price shall be in full and final satisfaction of any claims arising out of such termination and upon such payment the Supplier shall deliver to Transpet all work, including any materials, completed or in progress. The sum payable to the Supplier under this clause will not in any event exceed the total amount that would have been payable to the Supplier had the Order not been terminated.
- 10.3 In the event of termination the Supplier must submit all claims within 2 [two] months of termination after which time claims will only be met in what Transnet considers exceptional circumstances.
- 10.4 If the Products are not provided in accordance with an Order, the Order shall be deemed terminated and the Supplier shall compensate Transnet for any costs incurred in obtaining substitute Products or any damage caused due to the failure or delay in the delivery.

#### 11 ACCESS

The Supplier shall be liable for the acts, omissions and defaults of its personnel or agents who, for the purposes of the Order, shall be treated as if they are the Supplier's employees. The Supplier shall ensure that any such personnel or agents, whilst on Transnet's premises, shall comply with Transnet's health and safety, security and system security rules and procedures as and where required.

# 12 WARRANTY

The Supplier warrants that it is competent to supply the Products in accordance with these Terms to the reasonable satisfaction of Transnet and that all Products delivered under the Order: (a) conform and comply in all relevant legislation, standards, directives and orders related to [inter alia] the supply, manufacture and use of the Products in force at the time of delivery, and to any specifications referred to in the Order; (b) will not cause any deterioration in the functionality of any Transnet equipment; and (c) do not infringe any third party rights of any kind. The Supplier hereby indemnifies Transnet against all losses, liabilities, costs, claims, damages, expenses and awards of any kinds incurred or made against Transnet in connection with any breach of this warranty.

#### 13 INSOLVENCY

If the Supplier shall have a receiver, manager, administrator, liquidator or like person appointed over all or any part of its assets or if the Supplier compounds with its creditors or passes a resolution for the writing up or administration of the Supplier, Transnet is at liberty to terminate the Order or Orders forthwith, or at its option, to seek performance by any such appointed person.

#### 14 ASSIGNMENT

The Supplier shall not assign its obligations under an Order without Transnet's prior written consent, which consent shall not be unreasonably withheld or delayed.

#### 15 NOTICES

Notices under these Terms shall be delivered by hand to the relevant addresses of the parties in the Order or may be served by facsimile or by email, in which event notice shall be deemed served on acknowledgement of receipt by the recipient.

#### **16 LAW**

Orders shall be governed by and interpreted in accordance with South African law and any disputes arising herein shall be subject to South African arbitration under the rules of the Arbitration Foundation of South Africa, which rules are deemed incorporated by reference in this clause. The reference to arbitration shall not prevent Transnet referring the matter to any South African courts, having jurisdiction, to which the Supplier hereby irrevocably submits but without prejudice to Transnet's right to take proceedings against the Supplier in other jurisdictions and/or obtaining interim relief on an urgent basis from a court of competent jurisdiction pending the decision in other courts or from instituting in any court of competent jurisdiction any proceedings for an interdict or any other injunctive relief. If the Supplier does not have a

registered office in the South Africa it will at all times maintain an agent for service of process in South Africa and shall give Transnet the name and address of such agent as such may be amended, in writing, from time to time.

#### 17 GENERAL

Completion or termination of an Order shall be without prejudice to any Term herein which by its nature would be deemed to continue after completion or termination, including but not limited to clauses 5, 6, 7, 8 and 12. Headings are included herein for convenience only. If any Term herein be held illegal or unenforceable, the validity or enforceability of the remaining Terms shall not be affected. No failure or delay by Transnet to enforce any rights under these Terms will operate as a waiver thereof by Transnet. All rights and remedies available to either party under these Terms shall be in addition to, not to the exclusion of, rights otherwise available at law.

#### 18 COUNTERPARTS

These Terms and conditions may be signed in any number of counterparts, all of which taken together shall constitute one and the same instrument. Any party may enter into this agreement by signing any such counterpart.

#### **Section 4**



**A Division of Transnet Limited** 

# RAIL NETWORK INFRASTRUCTURE TECHNICAL TRAIN AUTHORISATION SYSTEMS

#### **SPECIFICATION**

COLLECTION, DELIVERY AND INSTALLATION OF NEW BATTERIES AND STANDS - REMOVAL OF EXISTING OBSOLETE BATTERIES AND STANDS BETWEEN NOUPOORT AND PORT ELIZABETH

Author:

Chief Engineering Technician Infrastructure Technical (Train Authorisation Systems)

P. Doorewaard

Date: 30 April 2013

#### 1. SCOPE

The scope of work required by Port Elizabeth depot (Signals) is the installation of new batteries and stands and the removal of obsolete batteries and stands at 16 stations between Noupoort, New Brighton and Uitenhage.

#### 2. **SPECIFICATIONS AND STANDARDS**

- 2.1 The TFR Project Supervisor or his appointed deputy will oversee all the work to ensure compliance to specifications and standards.
- 2.2 The TFR Project Supervisor shall be responsible to check and set all current and voltage limits at each station.
- 2.3 The Technical Officer for Noupoort, Barredeel, Carlton and Genoegsaam will be Llewellyn Horak. Cell. 083 409 6435.
- 2.4 The Technical Officer for Kaptein, Cradock, Halesowen, Mortimer, Witmos and Cookhouse will be Tinus Bekker. Cell 083 287 0849.
- 2.5 The Technical Officer for Golden Valley and Middleton will be Jack Swanepoel. Cell 083 406 5207.
- 2.6 The Technical Officer for Swartkops, New Brighton, Port Elizabeth and Ultenhage will be Gordon Skene. Cell 083 406 5258.
- 2.7 The Technical Officers will liaise with the Production Manager to appoint a Signal Technician to be present during the removal of the old batteries and the installation of the new batteries.
- 2.8 The Signal Technician will insulate the power to the batteries so that the contractor can remove the old battery bank and install the new battery bank. After completion of each battery bank installation the Signal Technician will perform a Signalling Battery Capacity test as per document BBC1952. Only the "Voltage with Rectifier ON" test will be done. After 7 days of the installation date the complete test will be done as per test document BBC1952.

# 3. INSTALLATION AND LABOUR REQUIREMENTS

- 3.1 The Contractor shall have previous experience with the installation and removal of standby batteries in Signal relay rooms.
- 3.2 The contractor shall have the required certification for the installation, removal and disposal of lead acid batteries.
- 3.3 The obsolete lead acid batteries to be removed shall be disposed of as per environmental law.
- 3.4 All personnel shall have the required safety clothing for the type of work to be done.
- 3.5 The contractor and his personnel shall attend an induction training session and be in possession of a site access certificate issued by the depot engineer before any work may start. The installation team shall have the certificates with them at all times when on site.

#### 3. **INSTALLATION SCHEDULE**

- 3.1 The battery sets must be collected at Jet Park Johannesburg and transported to the section between Noupoort, New Brighton and Uitenhage.
- The battery sets to be installed consists of 16 sets of 22 x 150 A/H VRLA batteries and stands. Each 12v block weighs approximately 50Kg. Total weight for all the sets will be approximately 20,000 Kg.

- 3.3 The weight of the obsolete batteries to be removed is approximately 30 Kg per 12v block, 12,000 Kg total.
- 3.4 The installations will take place at sites as indicated with red underline on the attached maps.
  - 1) Noupoort
  - 2) Barredeel
  - 3) Carlton
  - 4) Genoegsaam
  - 5) Kaptein
  - 6) Cradock
  - 7) Halesowen
  - 8) Mortimer
  - 9) Witmos
  - 10) Cookhouse
  - 11) Golden Valley
  - 12) Middleton
  - 13) Swartkops
  - 14) New Brighton
  - 15) Port Elizabeth
  - 16) Uitenhage
- 3.5 The work must start within 4 weeks from date of order.
- 3.6 The work must be completed within 14 days from date of the first installation.
- 3.7 The number of sites is 16.
- 3.8 The installation schedule shall be forwarded to the TFR Project Supervisor for approval.
- 3.9 Work will take place during normal working hours or as arranged by the TFR Project Supervisor.

#### 4. MATERIAL

- 4.1 All fused isolators to be installed on breakthrough panels between power and battery rooms will be supplied by Transnet Freight Rail.
- 4.2 All existing cable must be replaced with 16mm2 red and black cable which will be supplied by Transnet Freight Rail.
- 4.3 Cable must be routed in 50 x 50 solid trunking. Approximately 6 meters trunking will be required per relay room. All trunking must be supplied by the Contractor.
- 4.4 All lugs, heat shrink and other installation material must be supplied by the Contractor. All lugs shall be heavy duty type.

#### Quantities:

Ring lug 16 x 6 36

Ring lug 16 x 8 36

Pin lug 16 x 15 72

DIN Rail "C" 2 lengths

Bolt and nut 6mm x 20mm long 36

# **END OF SPECIFICATION**

# **ANNEXURE A**

# BATTERY MAPS FOR SITES BETWEEN NOUPOORT AND PORT ELIZABETH

Refer Form attached hereto.

**ANNEXURE B** 

**RFQ DECLARATION FORM** 

Refer Form attached hereto. (Compulsory)

"PREVILE"