

RFQ:HOAC-HO-5597

DESCRIPTION

SUPPLY AND INSTALL THE TRANSFORMER SUPPLY CABLE,CONTROL AND EARTHING AT VEREENIGING 6.6Kv SUBSTATION

ISSUE DATE : 01 SEPTEMBER 2009

CLOSING DATE: 22 SEPTEMBER 2009 (10H00)

OPTION DATE : 17 DECEMBER 2009

A **COMPULSORY** information session will be held on the 11th September 2009 at the following:

Venue: 1 Anvil Road
Transnet Building
6th Floor Boardroom
Isando
Time: 09H00-11H00

TENDER BOX

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

TENDER ENVELOPE TO BE MARKED AS FOLLOWS:

TENDER NUMBER: RFQ:HOAC-VEG-5597:SUPPLY AND INSTALL THE TRANSFORMER SUPPLY CABLE,CONTROL AND EARTHING AT VEREENIGING 6.6kV SUBSTATION



REQUISITION FOR QUOTATION

MESSRS:

.....

.....

.....

Tel (011)
Fax (011)

ISSUE DATE 01-09 -09

CLOSING DATE 22-09-2009 (10h00)

SUPPLY CHAIN SERVICES
Contact: Winston Baloyi
Tel: 011 584 0606

Prices in South African currency, including all costs.			
to consignee			
ITEM NO:	DESCRIPTION	QTY	Price per each
1.	As per attached "Bill of Quantities" (Refer to page 14)		
2.Prices must be V.A.T. exclusive			
3. Direct delivered:	Vereeniging Substation		
	Tebogo Mooketsi 011 570 7563 /083 305 5966		
4.Contact person:	(For directions and technical issues)		

5. COMPULSORY DOCUMENTS

The following documents are compulsory, and they must be attached to the tender document if Not your tender will not be considered.

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

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

Email: transnet@tip-offs.com

Fax: 0800 007 788

All information received will be treated with the utmost confidentiality

SIGNATURE OF TENDERER:_____Date:_____



7.BUSINESS ADJUDICATION CRITERIA :

7.1."Order winning criteria"

7.1.1.Total per price per supply and installation

7.2."Technical"

7.2.1.Specification complianceReferences/track records

7.2.2.Site visits attendance

7.2.3.Delivery period

7.2.4.Engineers Qualifications

7.2.5.References/track records

7.3."BBBEE"

7.3.1.Provide BBBEE level Certification

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SIGNATURE OF TENDERER: _____ Date: _____

8 .TENDER SITE MEETING:

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

Venue : 1 Anvil Road
Transnet Building
6th Floor Boardroom
Isando
Time : 09h00 to 11h00
Date : 11th September 2009

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

Contact people on sites: (Tebogo Mooketsi tel: 011 570 7563/083 305 5966)

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 TENDER AWARDING PROCESS



SIGNATURE OF TENDERER: _____ Date: _____

COMPANY INFORMATION

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

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

Service Description	For whom done	Period	Contact person and Telephone or Cell number

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SIGNATURE OF TENDERER: _____ Date: _____

10. BROAD-BASED BLACK ECONOMIC EMPOWERMENT (“BBBEE”)

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 R30000 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. 32094, Notice No. 354 dated 23 March 2009, as from 1 August 2009, only BBBEE accreditation Certificates issued by SANAS approved verification agencies will be valid.

However accreditation certificates issued before 23 March 2009 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. 23 March 2009, by a Verification Agency not approved by SANAS, will **NOT** be acceptable as from 23 March 2009.

10.1. 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)
- (c) **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
 - 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

10.2. 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 BBEE companies, should they be successful in being awarded any business. A rating certificate in respect of such BBEE 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.

10.3. Each Respondent is required to furnish proof of its BBEE status (Certificate and Detailed Scorecard) as stipulated above to TRANSNET.

<p>Turnover: Indicate your company's most recent annual turnover:</p> <p>R.....</p>
--

- 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 BBEE certificate and detailed scorecard from an accredited rating agency.

10.4. 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 DTI Registry. Hence, entities verified by DTI, will receive the following benefits:

- Their BBEE 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.

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

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

<p>DTI BBEE UNIQUE PROFILE NUMBER:</p> <p>.....</p>
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10.6. Failure to submit your BBEE information in terms of 10.3 and/or 10.5 (above) will result in a score of zero being allocated for BBEE evaluation.

SIGNATURE OF TENDERER: _____ **Date:** _____



**Supply and install the transformer supply cable,
control cables and earthing complete at 6.6 KV
Vereeniging Substation**

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1. Scope

This specification covers Transnet Freight Rail's requirements for the supply and installation of the transformer cable; various control cables; support structure modification and earthing complete at Vereeniging Substation.

2. **Standards and Publications**

Unless otherwise specified all materials and equipment supplied shall comply with the applicable and latest editions of SANS and Transnet Freight Rail's publications. The following publications are referred to in this to in this specification:

South African Bureau of Standards

SANS 926	Two pack zinc rich epoxy primer
SANS 1063	Earth rods and couplers
SANS 1391-1	Zinc and aluminium coatings for the protection of iron and steel against atmospheric corrosion
SANS 1507-1-3	Electric cables with extruded solid dielectric insulation for fixed installations
SANS 10199	The design and installation of earth electrode
SANS 121	Hot dip galvanising for steel structures

Transnet Freight Rail

BBB 3620	3 Kv DC Traction substation earthing system
BBB3059	3 KV Dc earthing system for high voltage yards.
CEE0023.90	Specification for the installation of cables
	Transnet Freight Rail's electrical safety instructions

3. **Method of Tendering**

Tenderers shall indicate clause by clause compliance with the specification. This shall take the form of a separate document listing all the specification's clause numbers indicating the individual statement of compliance or non-compliance. A statement of non compliance shall be motivated by the tenderer. Tenderers shall submit descriptive literature consisting of detailed technical specifications and principal dimensions, together with clear illustrations of the equipment offered. Failure to comply with clause 3.1, 3.2, and 3.3 could preclude a tender from consideration.

4. **Definitions**

Definitions are in accordance with SANS 10199.

4.1 Earthed

So connected to the general mass of earth as to ensure at all times an immediate discharge of electrical energy without danger.

5. AC Earth Leakage System

The AC earth leakage is used to detect flashovers on high voltage (HT) outdoor yard equipment. The equipment in the outdoor yard is insulated from the substation earth mat and connected in parallel through a current transformer to earth mat. (Minimum resistance to earth mat is 10 ohms). The output of the current transformers feeds to an earth leakage relay, which will trip and lockout the primary circuit breaker when operated.

6. Service Conditions

Atmospheric Conditions

Altitude	: 0 to 1800 m above sea level
Ambient Temperature	: -5° to + 45° C
Relative Humidity	: 10% to 90%
Lightning	: 12 ground flashes per Km ² per annum
Pollution	: Heavily salt laden or polluted with smoke for industrial sources.

Soil Conditions

The soil resistivity can vary from 10 ohmmeter to more than 5,000 ohmmeter. Earth value enhancement methods will have to be used, where necessary to obtain the desired value of 5 ohms or less.

Corrosion

Buried conductors will be exposed to both severe galvanic and chemical corrosion. There is a high level of stray currents in the vicinity of 3 KV DC traction substations which will reduce the life of the earthing system.

7. Technical Requirements

The design and installation of Transnet Freight rail's earthing system for outdoor yards shall be in accordance with Transnet Freight rail's drawing BBB 3620. A 5-second fault current duration shall be used for the rating of the earthing system. The earth down conductors and earth tails shall be able to withstand 6, 2 KA for 5 seconds when exothermically welded. The rated ac fault for 3 KV DC traction substations shall be taken to be 16KA. The contractor shall modify the support steel structure to ensure it meets the SANS 121 standards.the contractor shall install a 16mm² supply cable and various control cables for the transformer. Deviation of the design shall be submitted to the Project manager for approval.

8. Earthing Layout

The following electrical equipment in the outdoor yard shall be bonded directly to the earth mat.

- ◆ The support steel structures for the surge arresters at the Eskom supply side.
- ◆ All surge arresters.
- ◆ The AC disconnects.
- ◆ Voltage transformer steel structures where applicable
- ◆ Main Current transformer on the Eskom side of primary circuit breaker in high voltage (HV) yard.
- ◆ The perimeter fence posts and gates.
- ◆ Substation metal roof.

The following Electrical equipment forms part of the AC earth leakage and shall be connected via a current transformer to earth.

- ◆ Main traction transformer.
- ◆ Primary circuit breaker.
- ◆ Main current transformers between primary circuit breaker and main traction transformer.
- ◆ The auxiliary transformer's barrier screen.

9. Materials to be used

9.1 The conductors to be used shall be 16 mm² diameters and shall be buried at least 1.5 metres below the ground.

10. Trenching

- 10.1 Before any trenching commences the contractor shall consult with Transnet Freight Rail Personnel for approval with regard to routing in the outdoor yard.
- 10.2 Before the trenches are closed a representative of Transnet Freight Rail shall inspect the earthing system and cabling for damage to earth rods.
- 10.3 The contractor shall remove the necessary crusher stone before any excavation commences.
- 10.4 The contractor shall restore the crusher stones to their original condition once the installation work has been completed.
- 10.5 The contractor shall supply any crusher stones required to restore the trenched area to their original condition.



12. Tests and Acceptance

- 12.1 The contractor shall perform resistance measurement tests, which shall be witnessed by a representative of Transnet Freight Rail. The resistance measurement shall be entered into the substation log book.
- 12.2 In the event of any dispute, Transnet Freight Rail reserve the right to make the final decision on the acceptance of the earthing system.

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13. Bill of Quantities

Supply and install transformer power supply cable, control cables and earthing complete at Vereeniging 6.6 KV Substation

<u>No</u>	<u>Activity Description</u>	<u>Qty</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
1.	Remove old cables (earthing cables, power cable and control cable)	1	sum		
2.	Dig trenches for the new cables (earthing cables, power cable and control cable)	1	sum		
3.	Supply and install new cables (earthing cables, power cable and control cable)	1	sum		
4.	Connect the earthing cables to the structures and to the earth mat.	1	each		
5.	Connect the power supply cable and control cables to the transformer.				
6.	Modify Current transformer support structure to suit the new current transformers.	3	each		
7.	Grind the bolts on the concrete slab so it is smooth.	1	sum		
8.	Test the earthing installation for compliance	1	sum		
9.	P's and G's	1	sum		

NOTE: 1. The quantities given are provisional and are included for the sole purpose of evaluating the tender amount. These quantities may be altered, if necessary, on the sole discretion of the Engineer.
 2. The prices quoted will be valid for at least 90 days.

TOTAL FOR SCHEDULE OF QUANTITIES	R
ADD 14% VAT	R
TOTAL FOR TENDER	R

SIGNATURE OF TENDERER: _____ Date: _____



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. Copy of 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
8. 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 (ABVA 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 ABVA 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 ABVA Member).
- c) **If your annual turnover is in excess of R35million**, 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 ABVA 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, **No payments can be made to a vendor** until 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 Trading Name							
Company Registered Name							
Company Registration Number Or ID Number If A Sole Proprietor							
Form of entity	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor	
VAT number (if registered)							
Company Telephone Number							
Company Fax Number							
Company E-Mail Address							
Company Website Address							
Postal Address						Code	
Physical Address						Code	
Contact Person							
Designation							
Telephone							
Email							
Annual Turnover Range (Last Financial Year)	< R5 Million		R5-35 million		> R35 million		
Does Your Company Provide	Products		Services		Both		
Area Of Delivery	National		Provincial		Local		
Is Your Company A Public Or Private Entity				Public	Private		
Does Your Company Have A Tax Directive Or IRP30 Certificate				Yes	No		
Main Product Or Service Supplied (E.G.: Stationery/Consulting)							
BEE Ownership Details							
% Black Ownership		% Black women ownership		% Disabled person/s ownership			
Does your company have a BEE certificate				Yes	No		
What is your broad based BEE status (Level 1 to 8 / Unknown)							
How many personnel does the firm employ				Permanent	Part time		
Name of person procuring your services/products							
Contact number							
Transnet operating division							
Duly Authorised To Sign For And On Behalf Of Firm / Organisation							
Name				Designation			
Signature				Date			
Stamp And Signature Of Commissioner Of Oath							
Name				Date			
Signature				Telephone No.			

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.



Internal Transnet Departmental Questionnaire (for office use only)

NB: "Once-off vendor" will only be created for extraordinary circumstances, i.e. derailments and other emergency situations. Note that only one (1) purchase order must be created against a "once-off vendor". Should the need arise to use a "once-off vendor" again, then an updated SDF together with the required documentation, is required for a "trade vendor" to be created

Section 1: To be completed by the Transnet Requesting / Sourcing Department															
Vendor Name						Vendor Number									
TFR	TRE	TPT	TPL	TNPA	TCP	TRN									
Create	Unblock	Amend	Extend	Once-Off / Emergency Request											
Supplier's trading name															
Supplier's registered name															
Please indicate if the Supplier has a contract with sourcing Transnet OD						Yes	No								
If yes please submit / furnish details of such a contract (together with the SDF)															
a) What is being procured from the supplier?															
i. Products only			Yes	No											
ii. Services only			Yes	No											
iii. Labour only			Yes	No											
iv. Mix of services and products			Yes	No											
v. Mix of services and labour			Yes	No											
b) If your answer is YES to questions II, III, IV or V in paragraph a) above, please indicate whether the relevant PAYE questionnaires have been forwarded to the appropriate Transnet Operational Divisions' decision making bodies / Strategic Supply Management team for a directive /decision on tax withholding from payments to this supplier.															
Yes			No												
c) If your reply to (b) is " NO ", please furnish reasons :															
d) Advise on the Detailed Procurement Process (DPP) / Procurement Mechanism that was followed (Please also take into consideration the revised P2P value/strategy as set out in the Weekly News Bulletin dated 6 October 2008 on the Intranet)															
Name		Grade		Date				Signature							
				Y	Y	Y	Y	M	M	D	D				
				Y	Y	Y	Y	M	M	D	D				
Section 2: To be completed by the BEE Department (this section is for Confirmation/Determining of BEE Status)															
NARROW BASED (NB)				BROADBASED (BBBEE)											
BEE O/S	BWBE	DPBE	MR	CONTB. LEVEL	EME: <R5m	QSE: >R5m <R35m	LARGE: >R35m	VALIDITY DATE							
Name		Grade		Date				Signature							
				Y	Y	Y	Y	M	M	D	D				
				Y	Y	Y	Y	M	M	D	D				
Section 3: To be completed by Supplier Management															
I hereby approve			disapprove			this application									
Name		Grade		Date				Signature							
				Y	Y	Y	Y	M	M	D	D				
Vendor Number			Date captured on SAP				Recon Account								