



# RFQ / TENDER

Tender No: GMR-15312

Vendor No: 11001386

BOARD LIST  
BOARD LIST  
TRANSNET FREIGHT RAIL  
PROCUREMENT DEPARTMENT  
2000

Purchaser : Mohale Rapetswa  
Telephone : 011 584 0944  
Fax Number:

Please quote reference:  
DL7/6000606229

Deliver to:  
Mr.  
Spoornet Capital Projects  
Spoornet Capital Projects

Closing Date : 28.08.2014  
Validity Date : 28.11.2014  
RFQ No : 6000606229  
End of Validity : 30.09.2014

Ihr Zeichen GMR-15312

SUPPLY OF SURVEYING DIGITAL AUTOMATIC LEVEL AND ACCESSORIES - JEPPESTOWN

THE RFQ DOCUMENTS ARE OBTAINABLE FROM THE OFFICE OF TRANSNET FREIGHT RAIL, TENDER ADVISE CENTRE, GROUND FLOOR, INYANDA HOUSE 1, WELLINGTON ROAD, PARKTOWN, DURING OFFICE HOURS 08:00 TO 15:00 AND RFQ DOCUMENT IS FOR FREE.

RFQ CLOSING DATE: 28 AUGUST 2014

QUOTATIONS MAY BE E-MAILED TO: thuli.mathebula@transnet.net

FOR ANY TECHNICAL ENQUIRIES WITH REGARD TO THIS RFQ YOU MAY CONTACT JOSIA MEYER TEL.: (011) 773 6355 OR 083 287 0369

**1. RETURN OF QUOTATION/S:**

1.1 QUOTATION/S MUST BE SUBMITTED PUNCTUALLY AT 10:00 ON THE CLOSING DATE (06 AUGUST 2014) AND LATE QUOTATIONS WILL NOT BE CONSIDERED.

1.2 IF POSTED:

21 WELLINGTON ROAD  
INYANDA HOUSE 1  
PARKTOWN  
,2193

1.3 IF DELIVERED BY HAND:

TRANSNET FREIGHT RAIL  
21 WELLINGTON ROAD  
INYANDA HOUSE 1

DATE: ..... SIGNATURE OF TENDERER(S): .....  
CONTACT PERSON: ..... TEL No: .....

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PARKTOWN

## 2. CONDITIONS:

- 2.2 ANY PURCHASE ORDER PLACED AS A RESULT OF YOUR QUOTATION WILL BE SUBJECT TO THE STANDARD TERMS AND CONDITIONS OF CONTRACT, FORM US7 (Latest)  
GENERAL TENDER CONDITIONS FORM CSS5, (Latest)
- 2.3 TENDERERS MAY OFFER AN EARLIER VALIDITY DATE, BUT THEIR QUOTATION MAY, IN THAT EVENT, BE DISREGARDED FOR THIS REASON.
- 2.4 TENDERERS ARE REQUIRED TO OFFER ONLY FIRM PRICES. PRICES SUBJECT TO REVIEW IN TERMS OF CLAUSE 32(I) OF FORM US7 WILL ONLY BE CONSIDERED SHOULD THE DELIVERY PERIOD REQUIRED EXCEED 6 MONTHS.
- 2.5 BEST DELIVERY TIME MUST BE OFFERED.
- 2.6 DISCOUNT (TRADE DISCOUNT)/CASH DISCOUNT (CONDITONAL DISCOUNT)/ VALUE ADDED TAX (VAT) MUST BE SHOWN SEPARATELY.
- 2.7 TRANSNET RESERVES THE RIGHT TO NEGOTIATE PRICES AND COMMERCIAL ASPECTS AFTER THE CLOSING DATE OF THE QUOTATION.

"PREVIEW COPY ONLY"

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2.8 DIRECT DELIVERY INTIMATES DELIVERY BEING EFFECTED INTO THE WAREHOUSE OR THE ACTUAL POINT OF SUPPLY AND SHOULD THEREFORE INCLUDE ANY TRANSPORTATION MODE DEEMED NECESSARY IN EXECUTING THIS METHOD OF DELIVERY BASIS IN ORDER TO MEET THE REQUIRED DELIVERY DATE.

## SCHEDULE OF REQUIREMENTS

TENDERERS SHOULD INSERT THEIR PRICE/S UNDER THE APPROPRIATE HEADINGS HEREUNDER.

IN THIS REGARD THE TENDERER'S ATTENTION IS DIRECTED TO PARAGRAPH 16 OF FORM CSS5 (REVISED October 2005).

NB. TENDERERS OFFERING GOODS FROM IMPORTED SUPPLIES MUST SUBMIT THEIR PRICES ON THE DELIVERY BASIS APPEARING UNDER COLUMN (C) OF THIS SCHEDULE OF REQUIREMENTS.

### TAX CLEARANCE CERTIFICATES:

The Regulations in terms of the Public Finance Management Act, 1999: Framework for Supply Chain Management as published in Government Gazette No. 25767 dated 5 December 2003, Clause 9 (1) (d), stipulates that the accounting officer or accounting authority of an institution to which these regulations apply must reject any bid from a supplier who fails to provide written proof from the South African Revenue that the supplier either has no outstanding tax obligations or has made arrangements to meet outstanding tax obligations.

Tenderers will be disqualified if a valid tax clearance certificate or written proof from the South African Revenue Service that supplier has made arrangements to meet outstanding tax obligations is not submitted with the tender.

### EVALUATION CRITERIA:

COMPETITIVE PRICING AND B-BBEE

### COMPANY DETAILS:

NAME OF COMPANY: \_\_\_\_\_  
CONTACT PERSON: \_\_\_\_\_  
TEL NO: \_\_\_\_\_ FAX NO: \_\_\_\_\_  
REG NO: \_\_\_\_\_

### BROAD BASED BLACK ECONOMIC EMPOWERMENT (BBBEE)

Transnet fully endorses and supports the Government's Broad-based Black Economic Empowerment Programme and it is strongly of the opinion that all South African Business Enterprises have an equal obligation to redress the imbalances of the past.

Transnet will therefore prefer to do business with local business enterprises who share these same values. Transnet will endeavour to do business with local business enterprises that possess a BBBEE "recognition level" of at least a level 5. Transnet urges Tenderers (large enterprises and QSE's - see below) to have themselves accredited by any one of the various Accreditation Agencies available, who do their BBBEE ratings in accordance with the latest Codes (i.e. those promulgated on 9 February 2007) and whose names appear on the present ABVA (Association of BEE Verification Agencies) - "List of Full Members" as displayed on the ABVA website ([www.abva.co.za](http://www.abva.co.za)).

Although no agencies have, as yet, been accredited by SANAS (SA National Accreditation System), Transnet will, in the interim, accept rating certificates of tenderers who have been verified by any of the listed agencies.

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

1. Large Enterprises (i.e. annual turnover >R35million:  
" Rating level based on all seven elements of the BBBEE scorecard.
2. Qualifying Small Enterprises - (QSE) (i.e. annual turnover >R5million but <R35million:

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" Rating based on any four elements of the BBBEE scorecard.

NB:

3. Emerging Micro Enterprises - (EME) (i.e. annual turnover <R5m) are exempted from being rated/verified:

" Automatic rating of Level 4 BBBEE irrespective of race of ownership, i.e. 100% BBBEE recognition

" Black ownership >50% or Black Women ownership >30% automatically qualifies as Level 3 BBBEE, i.e. 110% BBBEE recognition

" EME's should provide certified documentary proof of annual turnover (i.e. audited financials) plus proof of Black ownership if Black ownership >50% or Black Women ownership >30% from the EME's Auditor/Accounting Officer.

4. In addition to the above, Tenderers who wish to enter into a Joint Venture or subcontract portions of the contract to BBBEE companies, must state in their tenders the percentage of the total contract value that will 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-contractor/s, as well as a breakdown of the distribution of the aforementioned percentage must also be furnished

In view of the high emphasis which Transnet places on Broad-based Black Economic Empowerment, Transnet will allow certain preference points for BBBEE in the evaluation of all responses. Depending upon the value of the ensuing business award (i.e. below or in excess of R2m), the 80/20 or 90/10 point preference systems will be utilized where BBBEE will count out of 20 or 10 respectively in the evaluation process.

EACH RESPONDENT IS REQUIRED TO FURNISH PROOF OF THE ABOVE TO TRANSNET. FAILURE TO DO SO WILL RESULT IN A SCORE OF ZERO BEING ALLOCATED FOR BBBEE.

Turnover: Kindly indicate your company's annual turnover for the past year R\_\_\_\_\_

" If annual turnover <R5m, please attach certified confirmation from your Auditor/Accounting Officer

" If annual turnover >R5m please attach original or certified copy of accreditation certificate and detailed scorecard by an ABVA accreditation agency (registered as a "Full Member")

## PAYMENT TERMS

The following payment terms will apply as from 1 October 2008.

" All suppliers will be paid 30 days from receipt of month end statement, i.e. payment term F055.

" All CIDB suppliers will be paid 21 days from date of invoice, i.e. payment term F057.

Item	Qty	Material	Description	
00010	1	DIGITAL LEVEL & ASSESORIES		R..... Each

Delivery Date: 30.09.2014

## FULL DETAILS OF DESCRIPTION

DATE: .....

SIGNATURE OF TENDERER(S): .....

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### 3. ADDITIONAL INFORMATION REQUIRED: (WHERE APPLICABLE)

#### 3.1 THE FOLLOWING ADDITIONAL INFORMATION IS REQUIRED:

(A) Precedence would be given to affirmative companies in the adjudication of this tender. Documentary proof of the companies black ownership is to be returned with the tender documents, please.

(A) DISCOUNT: .....

(B) SETTLEMENT DISCOUNT:.....

(C) PRICE/S FIRM: .....

(D) PRICE/S FIRM UNTIL ..... THEREAFTER SUBJECT TO REVIEW.

(E) PRICE/S NOT FIRM: .....

(F) SABS MARK: .....

(G) SABS PERMIT NO: .....

(H) BRAND/MAKE/TYPE: .....

(I) FULL NAME AND ADDRESS OF MANUFACTURER :  
.....  
.....  
.....

(J) FULL NAME AND ADDRESS OF INSPECTION POINT:  
.....  
.....  
.....

(K) COUNTRY OF ORIGIN: .....

(L) SURPLUS MATERIAL:

TENDERERS MUST INDICATE IF THEY WILL BE PREPARED TO PURCHASE BACK FROM TRANSNET ANY SURPLUS MATERIAL WHICH MAY BECOME AVAILABLE FROM ANY RESULTING PURCHASE ORDER/CONTRACT ORIGINATED FROM THE QUOTATION SUBMITTED:  
.....

(M) PAYMENT OVERSEAS:

ONLY IF TRANSNET LIMITED IS REQUESTED BY THE TENDERER TO EFFECT PAYMENT OVERSEAS DIRECT TO THE TENDERER'S PRINCIPAL/SUPPLIER THE FOLLOWING INFORMATION IS REQUIRED:

\* EXCHANGE RATE ON WHICH THE QUOTATION PRICE IS BASED: R1,00 (S.A. CURRENCY) BEING EQUAL TO  
..... (FOREIGN CURRENCY)

\* PERCENTAGE IN RELATION TO THE QUOTATION PRICE TO BE REMITTED OVERSEAS:  
.....

\* NAME OF COUNTRY TO WHICH PAYMENT IS TO BE MADE:  
.....  
.....

\* APPLICABLE DATE OF EXCHANGE RATE:  
.....

\* BENEFICIARY'S NAME AND FULL ADDRESS:  
.....  
.....  
.....

DATE: .....

SIGNATURE OF TENDERER(S): .....

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\* BENEFICIARY'S BANKERS AND FULL ADDRESS:

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

\* APPLICABLE ACCOUNT NUMBER:

.....

(N) DELIVERY DATE:

TENDERERS MUST FURNISH THEIR ACTUAL DELIVERY AND MANUFACTURING PERIOD HEREUNDER NOTWITHSTANDING THE DELIVERY DATES SPECIFIED BY TRANSNET.

THE FOLLOWING MUST ALSO BE FURNISHED IN REGARD TO THE ABOVE:

1. PERIOD REQUIRED TO OBTAIN RAW MATERIAL. ....(DAYS)
2. MANUFACTURING PERIOD. ....(DAYS)
3. PERIOD TO TRANSPORT MATERIAL TO DESTINATION. ....(DAYS)

MATERIAL NO.	1.(PERIOD)	2.(PERIOD)	3.(PERIOD)
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

DRAWINGS

Drawings applicable to this tender may be obtained free of charge at the office of the Executive Manager, Transnet Freight Rail, 33rd Floor, Carlton Centre, 150 Commissioner Street, Johannesburg

DATE: .....

SIGNATURE OF TENDERER(S): .....

# FUNCTIONAL SPECIFICATION FOR DIGITAL LEVEL AND ACCESSORIES

## INTRODUCTION

A digital electronic dumpy level and accessories is required to do various on track measurements. Most of the measurements will be taken in tunnels. The equipment must comply with the specification as outlined below.

## TECHNICAL REQUIREMENTS

### General Data:

- It must be a **Digital** electronic automatic level
- The screen must have a back light
- It must be dust and water proof
- It must be battery powered
- It must have a built-in memory for storing up to 1'000 points to avoid transcription errors.
- Operating temperature: - 10° C to + 50° C
- Battery operating time - minimum 15 hours
- If the battery is removable an additional battery must be supplied. The battery must be accompanied by a battery charger. (Only one charger)
- If a program is required to transfer the data from the level to the computer in an Excel format then it must form part of the quotation.
- Must be able to operate in low light conditions (e.g. Inside tunnels)
- The tenderer must include the lights that will be required to use the instrument and staff in tunnels. (Min 50 m either way) If the lights are not battery operated then it must be able to work from mains 220V AC 50 hz. The lights must be IP65 and robust.
- It must have a fiberglass bar coded staff 5 m length with a carry bag.
- It must be possible to use the staff under live electrical wires. (No steel or wooded staffs)
- It must have a bar code on the staff that determines height and distance which is displayed on a highly visible LCD display.
- Telescope magnification : 32X
- The instrument must come with a heavy duty robust tripod with a carry bag.

### Function:

The instrument must be able to perform the following functions:

- Height and distance measuring
- Inverse staff reading
- Delta height calculations
- Line levelling
- Cut and fill monitoring

### Accuracy:

- The accuracy must be 1.5 mm deviation per 1 km double run (electronic measurement)
- Digital reading 0.7 mm/km

### Measuring:

- It must be able to capture readings on the staff from a range of 2 m to 100 m (electronic) with an accuracy of <0.7 mm
- It must be able to do delta height calculation.

- It must produce fast results <3 sec

#### Guarantee

- The instrument need to have a guarantee of at least 2 years
- The instrument must not be at the end of its service life. A letter from the OEM is required that indicate that the product will still be supported for the next 10 years. (Instrument only)

#### Service, training and technical support

- The supplier must be able to provide technical support for the next 10 years
- The supplier must also be able to provide training for TFR employees on how to use the instrument as part of the tender.
- The supplier must be able to repair and provide spare parts for the instrument.
- The supplier must be able to do calibration of the instrument in South Africa. The supplier needs to arrange for TFR to inspect their service and calibration centre. Suppliers without these facilities will not be considered for this tender.
- The supplier must have proof that they are the approved agents of the OEM equipment offered. (Instrument only) (original equipment manufacturer)
- The suppliers must also indicate what the service interval of the machine is when it is used:
  - once a week (8h00 per week)
  - once a month
  - and continuously

and the cost of such a service.

#### Testing

- On delivery of the instrument, the supplier must prove that the accuracy specified can be archived when working in the tunnel over a total length of 100 m. (Test can only be performed once a month on a Monday)
- If lights are required, the supplier must be able to provide light system that will prove that the instrument can work in the tunnel.
- The supplier must prove that an accuracy of less than 1 mm will be archived after receiving the instrument by surveying a 1 km section.
- The supplier must be able to prove that the instrument can produce an accuracy of 0.7 mm standard deviation on a single electronic staff reading.
- The equipment will only be accepted once it has passed the testing.

#### Delivery

- The supplier must indicate the delivery time. (Test time)
- The supplier must complete all testing within 6 weeks after the above mentioned delivery date.
- A TFR representative must be present during the demonstration and testing.
- TFR will only accept the machine once the supplier has demonstrated through testing that it meets the specification.
- TFR reserves the right to cancel the order if the supplier cannot demonstrate within 6 weeks after the test date that the instrument complies with the specification.
- The equipment must be delivered to nr 1 Hout st Jeppes Town JHB.
- The 1 km survey will be done at the above mentioned site.
- The 100 m Tunnel survey must be done in Overvaal tunnel which is close to Ermelo.



Description	Unit price (Excl. VAT)	Qty	Total price (Excl. VAT)
Digital level including software and cables (If required)		1	
Staff and carry case		2	
Light system if required		2	
Additional battery and charger		1	
Tripod and carry case		1	
Delivery and testing cost		1	
		Grand total	

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