



RFQ / TENDER

Tender No: GMR-15313

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:
DL7/6000606224

Deliver to:
Mr.
Spoornet Capital Projects
Spoornet Capital Projects

Closing Date :28.08.2014
Validity Date :28.11.2014
RFQ No :6000606224
End of Validity :30.09.2014

Ihr Zeichen GMR-15313

SUPPLY OF LASER LVDT FOR SHORT AND LONG DISTANCE MEASUREMENTS INCLUDING CONTROLLERS → AT TRACK TECHNOLOGY CENTRE 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

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

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INYANDA HOUSE 1
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.

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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).

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 4 LAZER LVDT LONG DISTANCE

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:

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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):

Specification for Laser LVDT's

1. Laser LVDT for long distance measurement.

Quantity required

4 laser LVDT's with its own controller/ Display unit

The Laser LVDT and controller must comply with the following minimum requirement:

- Measuring range 290 mm
- Repeatability ≤ 50 micro meter
- Power 220V AC
- Display Resolution ≤ 100 microns
- Linearity 0.25% of full scale
- Accuracy $\leq 0.25\%$ of full scale
- Measuring spot ≤ 1000 micron's
- Cable length on sensors > 5 m
- Sampling speed ≥ 1 kHz
- Output for each channel must be $\pm 10V$ or $\pm 5V$ or $0-5V$ or $0-10V$
- One Controller/ display per laser. The unit must be able to:
 - change ranges,
 - show the distance output with a resolution of at least 100 micron
 - have a USB interface.
 - allow the signal to be zeroed anywhere within the measuring range.

General.

- Suppliers must include the technical specification for the controller as well as for the laser sensors

2. Laser LVDT for short distance measurement.

Quantity required

4 laser LVDT's with one controller/ Display unit

The Laser LVDT and controller must comply with the following minimum requirement

- Measuring range 10 mm
- Repeatability ≤ 1 micro meter
- Power 220V AC
- Display Resolution ≤ 10 microns
- Linearity $\leq \pm 0.1\%$ of full scale
- Accuracy $\leq \pm 0.1\%$ of full scale
- Measuring spot ≤ 1500 micron's
- Cable length on sensors > 5 m
- Sampling speed ≥ 1 kHz
- Output for each channel must be $\pm 10V$ or $\pm 5V$ or $0-5V$ or $0-10V$
- One Controller/ display per laser. The unit must be able to:
 - change ranges,

- show the distance output with a resolution of at least 10 micron
- have a USB interface.
- allow the signal to be zeroed anywhere within the measuring range.

General.

- Suppliers must include the technical specification for the controller as well as for the laser sensors

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Please complete the table with pricing details for the various lasers that comply with the specified criteria.

	Lasers model	Price (excl. VAT)	Unit
1			
2			
3			
4			
5			
6			

Please provide detailed product specifications of the products listed in the table above for verification

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Product assessment survey

1) Laser LVDT for long distance measurements

Parameter	Question	Response (yes/no)
Measuring range	Does the product have a measuring range of at least 290mm?	
Repeatability	Is the repeatability of the proposed product equal to or less than 50 micro meter?	
Power source	Is the proposed product power input rated for 220V?	
Display resolution	Is the display resolution equal to or smaller than 100 micro meters?	
Linearity	Is the linearity of the proposed product equal to or less than 0.25% of full scale?	
Accuracy	Is the accuracy of the proposed product equal or less than 0.25% of full scale?	
Measuring spot	Is the measuring spot equal to or less than 1000 micro meters?	
Sampling speed	Is the sampling speed of the proposed product equal to or greater than 1 kHz?	
Output	Is the output generated from the proposed product one of the following: <ul style="list-style-type: none"> • ±10V • ±5V • 0-5V • 0-10V 	
Cable length	Is the cable length of the proposed product equal to or greater than 5 meter?	
Controller/display type	Does the proposed product consist of a controller/display unit that is able to <ul style="list-style-type: none"> • Change ranges • Show distance output with resolution of at least 100 micro meters • Have a USB (Universal serial bus) interface • Allow zeroing of the of the signal within the measuring range 	

2) Laser LVDT for short distance measurements

Parameter	Question	Response (yes/no)
Measuring range	Does the product have a measuring range of at least 10mm?	
Repeatability	Is the repeatability of the proposed product equal to or less than 1 micro meter?	
Power source	Is the proposed product power input rated for 220V?	
Display resolution	Is the display resolution equal to or smaller than 10 micro meters?	
Linearity	Is the linearity of the proposed product equal to or less than 0.1% of full scale?	
Accuracy	Is the accuracy of the proposed product equal or less than 0.1% of full scale?	
Measuring spot	Is the measuring spot equal to or less than 1500 micro meters?	
Sampling speed	Is the sampling speed of the proposed product equal to or greater than 1 kHz?	
Output	Is the output generated from the proposed product one of the following: <ul style="list-style-type: none"> • ±10V • ±5V • 0-5V • 0-10V 	
Cable length	Is the cable length of the proposed product equal to or greater than 5 meter?	
Controller/display type	Does the proposed product consist of a controller/display unit that is able to <ul style="list-style-type: none"> • Change ranges • Show distance output with resolution of at least 100 micro meters • Have a USB (Universal serial bus) interface • Allow zeroing of the of the signal within the measuring range 	