

TRANSNET FREIGHT RAIL, a division of TRANSNET
TRANSNET SOC LTD Registration Number 1990/000900/30

REQUEST FOR QUOTATION [RFQ] No ERAC-EMU-34341-ZM045

TENDER DESCRIPTION: SUPPLY AND DELIVERY OF ANGLE GRINDER, RAIL DRILL AND BATTERY BOOSTER TO RICHARDS BAY AND EMPANGENI.

1 Return of Quotations

THE QUOTATION MAY ONLY BE SUBMITTED TO TFR IN THE FOLLOWING WAYS:	
Tender Box	Supply Chain Services – 100 EEL Road , Bayhead Durban , 4052
For attention (Tender Office):	Mduduzi Khoza
Closing date:	28 January 2021
Closing time:	10h00
Validity period:	90 Business Days from Closing Date End of validity period: 04 June 2021
Note: Late submissions will not be considered	

DETAILS OF COMPANY SUBMITTING TENDER	
Company name	
Contact person	
Phone number	
Email address	

2 Tender briefing Tender briefing

A formal briefing session will not be held but should Respondents have specific queries they should email these to the Transnet employee(s) indicated in paragraph 4 [Communication] below.

3 Prequalification

3.1 SBD1 Form must be completed in full and submitted

A bid that fails to meet this pre-qualifying criteria will be regarded as an unacceptable bid.

4 Compulsory Local Content Threshold

In terms of section 8(1) of the Preferential Procurement Regulations, 2017, and the Instruction Note issued by National Treasury on the "Invitation and Evaluation of Bids based on a stipulated minimum threshold for local content and production for the **Steel Products and Components for Construction**", Transnet is required to set a stipulated minimum threshold be set for this RFP.

- A Local Content threshold of 100 % [one hundred percent] will be required for the Steel Products & Components for Construction sector goods specified in SBD 6.2, to be manufactured by a successful Respondent.

Respondent's Signature

Date & Company Stamp

4.1 Local Content Notes

- 4.2.1 The exchange rate to be used for the calculation of local production and content must be the exchange rate published by the South African Reserve Bank (SARB) on the date of the advertisement of the tender;
- 4.2.2 Only the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 must be used to calculate local content;
- 4.2.3 The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the following formula which must be disclosed in the bid documentation:

$$LC = [1 - x/y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by the SARB at 12:00 on the date of advertisement of the bid.

- 4.2.4 The SABS approved technical specification number SATS 1286:2011 and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)] are accessible to all potential tenderers on the DTI's official website; http://www.the dti.gov.za/industrial_development/ip.jsp at no cost.
- 4.2.5 The rates of exchange quoted by the tenderer in paragraph 4.1 of Returnable Schedule (the Declaration Certificate for Local Production and Content for Designated Sectors) will be verified for accuracy.
- 4.2.6 Declaration Certificate for Local Production and Content (SBD 6.2) together with the Annex C (Local Content Declaration: Summary Schedule) must be completed, duly signed and submitted a the closing date and time of the bid;
- 4.2.7 Tenderers must familiarise themselves with all the information provided in the Local Content instruction notes with particular reference to paragraph 4 of the instruction notes.
- 4.2.8 Respondents are to ensure that they complete the local content annexures in line with the provisions made in the Guidance Document for the calculation of Local Content. Failure to comply will lead to disqualification.

4.2 Mandatory RFQ Annexures

The regulatory and mandatory RFQ Annexures, which must be completed by all Respondents in order to declare Local Content, are as follows:

- Annexure B – Declaration Certificate for Local Production and Content [SBD 6.2]
- Annexure C – Local Content Declaration: Summary Schedule
- Annexure B and C must be completed and submitted even if a complete Local Content exemption letter from DTI has been obtained.

- To the extent that an exemption from Local Content has been granted by the DTI, the exemption letter from DTI will be a mandatory returnable document.
- Annexures D and E are Supporting Schedules to Annexure C. They are named as follows:
 - Annexure D – Imported Content Declaration: Supporting Schedule to Annexure C
 - Annexure E – Local Content Declaration: Supporting Schedule to Annexure C
 - Annexure J - Guidance Document for the calculation of Local Content

After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. Declaration C should be submitted with the bid documentation at the closing date and time of the bid. Declarations D and E should be kept by Respondents for verification purposes for a period of at least 5 years. The successful Respondent is required to continuously update Declarations C, D and E with the actual values for the duration of the contract. In addition to what is stated above regarding Annexures D and E, please note that these declarations are to be submitted as part of the Essential Returnable Documents - See Section 4 of RFQ.

4.3 Challenges meeting the Local Content Threshold

Should, after the award of a Bid, the Supplier experience challenges in meeting the stipulated minimum threshold for Local Content, Transnet is required to inform the DTI accordingly in order for the DTI to verify the circumstances and provide directives in this regard.

4.4 Exchange Rate Verification

The rate of exchange quoted by the Respondent in the declaration certificates (Annexure B – Declaration Certificate for Local Production & Content [SBD 6.2] and Annexure C – Local Content Declaration: Summary Schedule) will be verified for accuracy as per the requirement of National Treasury Instruction Notes and Circulars.

4.5 Local Content Obligations

Respondents are to note that the Local Content commitments made by the successful Respondent(s) will be incorporated as a term of the contract and monitored for compliance. Should the successful Respondent fail to meet its Local obligations, non-compliance penalties shall be applicable as per the contract or Standard Terms and Conditions of Contract. Breach of Local Content obligations also provide Transnet cause to terminate the contract in certain cases where material non-compliance with Local Content requirements are not achieved.

5 Communication

Before the bid submissions are due, bidders can contact the buyer for any enquiries with regards to this RFQ

Name of Transnet Buyer: Zamaswazi Mthiyane

Phone number: 035 906 7345

Email: Zamaswazi.mthiyane@transnet.net

Emailed bids must not be submitted directly to the buyer, but must be sent to the email address stated in point 1 above.

Kindly note that all comments and complaints regarding all RFx's issued by Transnet may be directed to TFRProcurement.Complaints@transnet.net.

6 Returnable documents

Respondents are required to submit with their RFQ the following Mandatory Returnable Documents:

- 6.1 Signed RFQ document
- 6.2 Annexure A: Price schedule
- 6.3 Annexure B: Declaration Certificate for Local Production and Content [SBD 6.2]
- 6.4 Annexure C: Local Content Declaration: Summary Schedule
- 6.5 Annexure H: SBD1 (Tax Compliance Status)

Failure to provide all these Mandatory Returnable Documents at the Closing Date and time of this RFQ will result in a Respondent's disqualification.

Respondents/Tenderers are required to submit with their Quotation/RFQ the following Returnable Documents Used for Scoring:

- 6.6 Annexure F: Clause-by-clause compliance schedule / Other technical documents
- 6.7 Valid B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System [SANAS] or a sworn affidavit confirming annual turnover and level of black ownership in case of all EMEs and QSEs with 51% black ownership or more

Failure to provide all Returnable Documents used for purposes of scoring a bid, by the closing date and time of this bid will not result in a Respondent's disqualification. However, Bidders will receive an automatic score of zero for the applicable evaluation criterion.

Respondents/Tenderers are required to submit with their Quotation/RFQ the following Essential Returnable Documents:

- 6.8 Annexure D: Imported Content Declaration: Supporting Schedule to Annexure C
- 6.9 Annexure E: Local Content Declaration: Supporting Schedule to Annexure C
- 6.10 Annexure G: B-BBEE Preference Points Claim Form
- 6.11 Annexure I: SBD 9 - Certificate Of Independent Bid Determination
- 6.12 Valid tax clearance certificate

SARS has implemented a new Tax Compliance Status (TCS) system in terms of which a taxpayer is now able to authorise any 3rd party to verify its compliance status in one of two ways: either through the use of an electronic access PIN, or through the use of a Tax Clearance Certificate obtained from the new TCS system. Bidders are required to provide the following to Transnet in order to enable it to verify their tax compliance status:

Tax reference number: _____
Tax Clearance Certificate & TCC Number: _____ and PIN: _____.

No tender may be awarded to any tenderer whose tax matters have not been declared to be in order by SARS.

- 6.13 Valid B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System [SANAS] or a sworn affidavit confirming annual turnover and level of black ownership in case of all EMEs and QSEs with 51% black ownership or more.

Failure to provide essential Returnable Documents will result in Transnet affording Respondents a further opportunity to submit by a set deadline. Should a Respondent thereafter fail to submit the requested documents, this may result in a Respondent's disqualification.

7 Pricing (Refer Annexure A)

- 7.1 Transnet requires a validity period of 90 [ninety] Business Days, 04 June 2021, from the closing date of this RFQ.
- 7.2 Prices must be quoted on a fixed price basis, including the delivery and offloading cost, to the Transnet Site mentioned below.
- 7.3 Bidders are advised that they take responsibility for submitting quotations that are correct and without any arithmetical errors. All line items must reflect the correct unit price and total price, after taking into account the quantity. The sum of all line items must correctly reflect the total of all line items, without VAT and including VAT. Transnet may disqualify bidders that submit bids with arithmetical errors.
- 7.4 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.

8 Delivery address:

PRICE SCHEDULE: 1:

For attention: Prudence Ndlovu – 071 734 1227- 035 905 4789
Angle grinder and Battery booster: 1 Morris Road, Empangeni station 3910

PRICE SCHEDULE: 2:

For attention: Nkosisiphile Khumalo – 083 444 0329
01 Station road, off John Ross highway Transnet Freight Rail - Rail Network Empangeni (MMC)
Production Building

9 Tender evaluation process

- 9.1 Administrative Responsiveness Test
 - Completeness of response and returnable documents
 - Submission of Mandatory Documents
 - Submission of Essential Documents
 - All pages of the bid submission is signed by the Bidder
- 9.2 Substantive Responsiveness Test
 - Whether the Bid conforms to all the terms, conditions, scope and/or specification of the bid document/s without material deviations or qualifications.
 - Whether the Bid contains a priced offer
 - Whether all pre-qualification eligibility criteria set have been met
 - C SBD1 Form must be completed in full and submitted
- 9.3 Local Content Threshold – the supplier needs to comply to the following to proceed to final scoring:
 - This RFQ is subject to regulation 9 (1) of the Preferential Procurement Policy Framework Act as [Steel Products and Components for Construction] has been designated for local production and content. As such, Respondents will be required to meet a stipulated minimum threshold for local production and content as stipulated in the relevant Instruction Note issued by National Treasury. The stipulated minimum threshold/s applicable is/are as follows: 100%
 - Local Content submissions:
 - Annexure B: Declaration Certificate for Local Production and Content [SBD 6.2]
 - Annexure C: Local Content Declaration: Summary Schedule
 - Annexure D – Imported Content Declaration: Supporting Schedule to Annexure C

- Annexure E – Local Content Declaration: Supporting Schedule to Annexure C
- 9.4 Technical compliance evaluation – the supplier needs to comply to the following to proceed to final scoring
 - Completing and submitting of Annexure F: Clause-by-clause compliance schedule
- 9.5 Final scoring
 - Price: 80%
 - B-BBEE: 20%
- **Failure to price all items on the Pricing Schedule will result in disqualification**

10 Payment terms

Payment of the Supplier's valid Tax Invoice(s) will be made by Transnet in South African currency and on the terms stated in the Order. The standard payment terms are 30 [thirty] days from date of receipt by Transnet of a month-end statement, unless otherwise agreed to in writing.

11 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

- 11.1 modify the RFQ's goods / service(s) and request Bidders to re-bid on any changes;
- 11.2 reject any quotation which does not conform to instructions and specifications which are detailed herein;
- 11.3 disqualify quotations submitted after the stated submission deadline;
- 11.4 not necessarily accept the lowest priced Quotation or an alternative bid;
- 11.5 reject all quotations, if it so decides;
- 11.6 place an order in connection with this quotation at any time after the RFQ's closing date;
- 11.7 award only a portion of the proposed goods / service/s which are reflected in the scope of this RFQ;
- 11.8 split the award of the order/s between more than one Supplier/Service Provider should it at Transnet's discretion be more advantageous in terms of, amongst others, cost or developmental considerations;
- 11.9 make no award at all;
- 11.10 validate any information submitted by Bidders in response to this bid. This would include, but is not limited to, requesting the Bidders to provide supporting evidence. By submitting a bid, Bidders hereby irrevocably grant the necessary consent to Transnet to do so;
- 11.11 request audited financial statements or other documentation for the purposes of a due diligence exercise;
- 11.12 not accept any changes or purported changes by the Bidder to the bid rates after the closing date and/or after the award of the business, unless the contract specifically provides for it;
- 11.13 award the business to the next highest ranked bidder, should the preferred bidder fail to sign or commence with the contract within a reasonable period after being requested to do so, provided that the preferred bidder is still prepared to provide the required goods at the quoted price.
- 11.14 Under such circumstances, the validity of the bids of the next ranked bidder(s) will be deemed to remain valid, irrespective of whether the next ranked bidder(s) were issued with a Letter of Regret. Bidders may therefore be requested to advise whether they would still be prepared to provide the required goods at their quoted price, even after they have been issued with a Letter of Regret.
- 11.15 not clarify the price as submitted in case of arithmetical errors;
- 11.16 cancel the contract and/or place the Bidder on Transnet's list of Restricted Suppliers, should a contract be awarded on the strength of information furnished by the Bidder, which after conclusion of the contract, is proved to have been incorrect;
- 11.17 award business to the highest scoring bidder/s unless objective criteria justifies the award to another bidder.

- 11.18 undertake post-tender negotiations [PTN] with selected Bidders or any number of short-listed Bidders. Such PTN can include, at Transnet's option, any evaluation criteria listed in this RFQ document. In the event of any Bidder being notified of such short-listed/preferred bidder status, his bid, as well as any subsequent negotiated best and final offers (BAFO), will automatically be deemed to remain valid during the negotiation period and until the ultimate award of business.

12 National Treasury Central Supplier Database

In terms of paragraph 5.6 of the NATIONAL TREASURY SCM INSTRUCTION NO 4 OF 2016/2017, which became effective on 1 May 2016, Transnet may only award bids to suppliers after verifying that the supplier is registered as prospective suppliers on the National Treasury Central Supplier Database.

Register a new CSD account at <https://secure.csd.gov.za/Account/Register>

Transnet urges its clients, suppliers and the general public to report any fraud or corruption to TIP-OFFS ANONYMOUS

Tel: 0800 003 056
Email: Transnet@tip-offs.com
Fax number: 0800 077 788
Freepost: DBN 298, Umhlanga Rocks, 4320

ANNEXURE A: PRICE SCHEDULE

Prices must be quoted including delivery to the delivery address in 8 above.

PRICE SCHEDULE: 1: 1 Morris Road, Empangeni station 3910

Item No	Description of Goods	Quantity	Unit of Measure	Unit Delivered Price (ZAR) Excl. Vat	Total Delivered Price (ZAR) Excl. Vat
1	Battery charger/booster	1	Each		
2	Angle grinder 230mm	1	Each		
		Sub-Total Excluding VAT			
		Vat @ 15%			
		TOTAL including VAT			

PRICE SCHEDULE: 2: 01 Station road, off John Ross highway Transnet Freight Rail - Rail Network Empangeni (MMC) Production Building

Item No	Description of Goods	Quantity	Unit of Measure	Unit Delivered Price (ZAR) Excl. Vat	Total Delivered Price (ZAR) Excl. Vat
1	Generator	2	Each		
2	Makita Angle grinder	1	Each		
3	Rail Drill	1	Each		
		Sub-Total Excluding VAT			
		Vat @ 15%			
		TOTAL including VAT			

Delivery Lead-Time from date of purchase order: _____ [days/weeks]

Respondent's Signature

Date & Company Stamp

Respondents are to note that Transnet will round off final pricing scores to the nearest 2 (two) decimal places.

Notes to Pricing:

- a) Respondents are to note that if the price offered by the highest scoring bidder is not market-related, Transnet may not award the contract to that Respondent. Transnet may-
 - (i) negotiate a market-related price with the Respondent scoring the highest points or cancel the RFQ;
 - (ii) if that Respondent does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the second highest points or cancel the RFQ;
 - (iii) if the Respondent scoring the second highest points does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the third highest points or cancel the RFQ.
 - (iv) If a market-related price is not agreed with the Respondent scoring the third highest points, Transnet must cancel the RFQ.
- b) All Prices must be quoted in South African Rand, exclusive of VAT
- c) **Failure to price all items on the Pricing Schedule will result in disqualification**
- d) 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 will result in a bid being disqualified.
- e) 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.

**ANNEXURE B: DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR
DESIGNATED SECTORS (SBD 6.2)**

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) makes provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. In terms of Regulation 16(2) of the Preferential Procurement Regulations, 2017, any sector designated and minimum threshold determined for local production and content for purposes of regulation 9 of the 2011 Regulations and in force immediately before the repeal of the 2011 Regulations, are regarded as having been done under regulation 8(1) of the 2017 Regulations.
- 1.4. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.5. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.6. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:
$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

**The SABS approved technical specification number SATS 1286:2011 is accessible on
<http://www.thedti.gov.za/industrial development/ip.jsp> at no cost.**

- 1.7. A bid will be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

Description of services, works or goods

Stipulated minimum threshold

Steel Products and Components for Construction

100%

(Item 1-2) & (1-3)

3. Does any portion of the services, works or goods offered have any imported content?
(**Tick applicable box**)

YES		NO	
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- 3.1. If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL) IN RESPECT OF BID NO. ERAC-RCB-34341-ZM045

ISSUED BY: TRANSNET FREIGHT RAIL

NB

5. The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
6. Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on http://www.thdti.gov.za/industrial_development/ip.jsp. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names), do hereby declare, in my capacity as of (name of bidder entity), the following:

- 1 The facts contained herein are within my own personal knowledge.
- 2 I have satisfied myself that:
 - (a) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- 3 The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above) Steel Products and Components for Construction Item 1-2 & 1-3	100%
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above. The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

- 4 I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- 5 I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____ **DATE:** _____

WITNESS No. 1 _____ **DATE:** _____

WITNESS No. 2 _____ **DATE:** _____

Annex C

SATS 1286.2011

GBP

Signature of tenderer from Annex B

Date: _____

Date & Company Stamp

[illegible]

RFQ template version July 2018

SATS 1286.2011

Local Content Declaration - Supporting Schedule to Annex C

Note: VAT to be excluded from all calculations

(E9) Total local products (Goods, Services and Works) R

18

□

1

nt/E

C24

Date:

ANNEXURE F: CLAUSE BY CLAUSE COMPLIANCE SCHEDULE.

Compliance with Specification Schedule for Angle grinder, rail drill and Battery booster

Respondents are required to indicate if the offered products/services comply with all the Specifications set by Transnet by indicating "Comply" next to each of the specification items mentioned below.

Any deviations from Transnet's requirement must be indicated under the column provided.

Note: Failure to duly complete and submit this form and fully (100%) comply with all of the requirements below will result in the respondent's disqualification.

Specification	Compliance response	Comments
Angle grinder refer [refer to Annexure J for full spec]		
Battery booster Jump start 12/24 Volts heavy duty, 600A.		
Sealed lead acid batteries and 12V output socket 220V AC charger.		
SPECIFICATIONS FOR ANGLE GRINDER (Empangeni)		
MODEL GA9060		
POWER INPUT 2200W		
NO-LOAD SPEED 6600 rpm		
DISC SIZE 230mm (9 Inch)		
NET WEIGHT 5.5kg		
SPECIFICATIONS FOR GENERATOR (Empangeni)		
MODEL GP200		
AC OUTPUT VOLTAGE 230 V		
RATED AC OUTPUT 2.3 KVA		
MAXIMUM AC OUTPUT 2.5 KVA		
OIL CAPACITY 0.6L		
ENGINE TYPE AIR COOLED 4 STROKES OHV CYLINDER		

Respondent's Signature

Date & Company Stamp

Specification	Compliance response	Comments
SPECIFICATIONS FOR RAIL DRILL (Empangeni)		
MODEL Pro-36 RH/R		
MOTOR TYPE 4-STROKE PETROL ENGINE		
SPINDLE & TOOL HOLDER ARBOR 19mm; 3/4" WELDON		
MILLING CUTTER (CORE DRILL) Ø 12-36mm; 1/2" –1 7/16"		
STROKE 39mm (1 9/16")		
MOTOR POWER 1500W		
SPEEDS 225 rpm		
WEIGHT 18.5kg (40.8 Ibs)		
POWER CONSUMPTION 1500W		
MAX DEPTH OF CUT 30mm (1 3/16")		

Respondent's Signature

Date & Company Stamp

ANNEXURE G: B-BBEE PREFERENCE POINTS CLAIM FORM

This preference form must form part of all bids invited. It contains general information and serves as a claim for preference points for Broad-Based Black Economic Empowerment [**B-BBEE**] Status Level of Contribution.

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 The value of this bid is below R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable.

1.3 Preference points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contribution.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTION	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System [**SANAS**], or a sworn affidavit confirming annual turnover and level of black ownership in case of all EMEs and QSEs with 51% black ownership or more together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed. Furthermore EMEs may also obtain a sworn affidavit from CIPC (formerly CIPRO) Self Service Terminals when registering a business or filing annual returns.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

1.7 Failure on the part of a bidder to submit proof of B-BBEE status level of contributor together with the bid will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.8 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser

2. DEFINITIONS

- (a) **"all applicable taxes"** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- (b) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (c) **"B-BBEE status level of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (d) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the supply/provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;
- (e) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (f) **"EME"** means an Exempted Micro Enterprise as defines by Codes of Good Practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (g) **"functionality"** means the ability of a bidder to provide goods or services in accordance with specification as set out in the bid documents;
- (h) **"Price"** includes all applicable taxes less all unconditional discounts.
- (i) **"Proof of B-BBEE Status Level of Contributor"** means:
 - 1) B-BBEE status level certificate issued by an unauthorised body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act.
- (j) **"QSE"** means a Qualifying Small Enterprise in terms of a Codes of Good Practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (k) **"rand value"** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties.

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

- P_s = Points scored for comparative price of bid under consideration
- P_t = Comparative price of bid under consideration
- P_{\min} = Comparative price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

- 4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must 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	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

- 4.2 The table below indicates the required proof of B-BBEE status depending on the category of enterprises:

Enterprise	B-BBEE Certificate & Sworn Affidavit
Large	Certificate issued by SANAS accredited verification agency
QSE	<p>Certificate issued by SANAS accredited verification agency</p> <p>Sworn Affidavit signed by the authorised QSE representative and attested by a Commissioner of Oaths confirming annual turnover and black ownership (only black-owned QSEs - 51% to 100% Black owned)</p> <p>[Sworn affidavits must substantially comply with the format that can be obtained on the DTI's website at www.dti.gov.za/economic_empowerment/bee_codes.jsp.]</p>
EME¹	<p>Sworn Affidavit signed by the authorised EME representative and attested by a Commissioner of Oaths confirming annual turnover and black ownership</p> <p>Certificate issued by CIPC (formerly CIPRO) confirming annual turnover and black ownership</p> <p>Certificate issued by SANAS accredited verification agency only if the EME is being measured on the QSE scorecard</p>

- 4.3 A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Status Level verification certificate for every separate bid.
- 4.4 Tertiary Institutions and Public Entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.

¹ In terms of the Implementation Guide: Preferential Procurement Regulations, 2017, Version 2, paragraph 11.11 provides that in the Transport Sector, EMEs can provide a letter from accounting officer or get verified and be issued with a B-BBEE certificate by SANAS accredited professional or agency as the Transport Sector Code has not been aligned to the generic Codes. EMEs in the Transport Sector are not allowed to provide a Sworn Affidavit as the generic codes are not applicable to them.

- 4.5 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- 4.6 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.
- 4.7 Bidders are to note that the rules pertaining to B-BBEE verification and other B-BBEE requirements may be changed from time to time by regulatory bodies such as National Treasury or the DTI. It is the Bidder's responsibility to ensure that his/her bid complies fully with all B-BBEE requirements at the time of the submission of the bid.

5. BID DECLARATION

- 5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 5.1

- 6.1 B-BBEE Status Level of Contribution: . =(maximum of 20 points)
- (Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a sworn affidavit.

7. SUB-CONTRACTING

- 7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES		NO	
-----	--	----	--

- 7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME.

(Tick applicable box)

YES		NO	
-----	--	----	--

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME ✓	QSE ✓
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		

Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
<i>OR</i>		
Any EME		
Any QSE		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

- 8.1 Name of company/firm:
- 8.2 VAT registration number:
- 8.3 Company registration number:

TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One person business/sole propriety
- Close corporation
- Company
- (Pty) Limited

[TICK APPLICABLE BOX]

DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

COMPANY CLASSIFICATION

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

Total number of years the company/firm has been in business:

I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 7, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If a bidder submitted false information regarding its B-BBEE status level of contributor, local production and content, or any other matter required in terms of the Preferential Procurement

Regulations, 2017 which will affect or has affected the evaluation of a bid, or where a bidder has failed to declare any subcontracting arrangements or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have

- (a) disqualify the person from the bidding process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) if the successful bidder subcontracted a portion of the bidder to another person without disclosing it, Transnet reserves the right to penalise the bidder up to 10 percent of the value of the contract;
- (e) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (f) forward the matter for criminal prosecution.

WITNESSES

1.

2.

SIGNATURE(S) OF BIDDERS(S)

DATE

ADDRESS

ANNEXURE H: SBD1 (TAX COMPLIANCE STATUS)

PART A: INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF TRANSNET FREIGHT RAIL, A DIVISION TRANSNET SOC LTD							
BID NUMBER:	ERAC-RCB-34341-ZM045	ISSUE DATE:	19 January 2021	CLOSING DATE:	28 January 2021	CLOSING TIME:	10H00
DESCRIPTION:	Supply and delivery of angle grinder and battery booster to Richards bay						
BID RESPONSE DOCUMENTS MAY BE SUBMITTED TO							
Tender Box: Transnet Freight Rail – Supply Chain Services							
100 EEL Road							
Bayhead , Durban							
4052							
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO				TECHNICAL ENQUIRIES MAY BE DIRECTED TO:			
CONTACT PERSON	ZAMASWAZI MTHIYANE			CONTACT PERSON	ZAMASWAZI MTHIYANE		
TELEPHONE NUMBER	035 906 7345			TELEPHONE NUMBER	035 906 7345		
FACSIMILE NUMBER	N/A			FACSIMILE NUMBER	N/A		
E-MAIL ADDRESS	zamaswazi.mthiyane@transnet.net			E-MAIL ADDRESS	zamaswazi.mthiyane@transnet.net		
SUPPLIER INFORMATION							
NAME OF BIDDER							
POSTAL ADDRESS							
STREET ADDRESS							
TELEPHONE NUMBER	CODE			NUMBER			
CELLPHONE NUMBER							
FACSIMILE NUMBER	CODE			NUMBER			
E-MAIL ADDRESS							
VAT REGISTRATION NUMBER							
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:			OR	CENTRAL SUPPLIER DATABASE	UNIQUE REGISTRATION REFERENCE NUMBER:	
						MAAA:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No			B-BBEE STATUS LEVEL SWORN AFFIDAVIT		[TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No	

Respondent's Signature

Date & Company Stamp

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

1 ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	2 ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER QUESTIONNAIRE BELOW]
--	--	--	---

QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	<input type="checkbox"/> YES <input type="checkbox"/> NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 1.3 BELOW.

PART B

TERMS AND CONDITIONS FOR BIDDING

(i) TAX COMPLIANCE REQUIREMENTS

- BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- IN BIDS WHERE UNINCORPORATED CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS WILL RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

(Proof of authority must be submitted e.g. company resolution)

DATE:

Respondent's Signature

Date & Company Stamp

ANNEXURE I: LOCAL CONTENT LOCAL CONTENT BACKGROUND, DOCUMENTATION, EVALUATION DETAILS AND ADDITIONAL INSTRUCTIONS

1. LOCAL CONTENT EXPLAINED

- The Preferential Procurement Policy Framework Act makes provision for the Department of Trade and Industry (DTI) to designate sectors in line with national development and industrial policies for local production.
- This means that only locally produced goods, services or works or locally manufactured goods with a stipulated minimum threshold for local production and content will be considered
- The DTI has designated and determined the stipulated minimum threshold for Steel products and components for construction and Textile, clothing, leather and footwear for local production and content.
- The stipulated minimum threshold percentages for local production and content for the different categories of Steel products and components for construction sectors can be perused on the National Treasury practice note attached with the RFQ.
- **For further guidance with regard to the determination of "Local Content," Respondents must refer to the following documentation:**
- SABS approved technical specification number SATS 1286:2011
- Guidance on the calculation of Local Content [available on the DTI website: <http://www.thedti.gov.za>]

2. LOCAL CONTENT DOCUMENTATION

Mandatory Returnable Documents

The regulatory and mandatory RFQ Annexures, which must be completed by all Respondents in order to declare Local Content, are as follows:

- Annexure B – Declaration Certificate for Local Production and Content [SBD 6.2]
- Annexure C – Local Content Declaration: Summary Schedule

Failure to duly complete the documentation in full, declare per item, sign and submit all these Mandatory Returnable Documents at the Closing Date and time of this RFQ will result in a Respondent's disqualification.

Essential Returnable Documents

Annexures D and E are Supporting Schedules to Annexure C. They are named as follows:

- Annexure D – Imported Content Declaration: Supporting Schedule to Annexure C
- Annexure E – Local Content Declaration: Supporting Schedule to Annexure C

IMPORTANT NOTES:

- If certain items cannot be sourced/manufactured locally bidders should seek exemption for such items from the DTI.
- Such an exemption letter should be submitted with the proposal upon closing date.

3. LOCAL CONTENT EVALUATION

LOCAL CONTENT WILL BE EVALUATED AS THE FIRST STAGE AS A PRE-QUALIFICATION

CRITERIA

Mandatory Returnable Documents

- Annexure B – Declaration Certificate for Local Production and Content [SBD 6.2]
 - All sections of this document **MUST** be completed;
 - The document **MUST** be signed, witnessed and dated;
 - Bidders **MUST** clearly declare their Local Content Percentage commitment per item quoted.
- Annexure C – Local Content Declaration: Summary Schedule
 - All sections of the document **MUST** be completed;
 - The document **MUST** be signed and dated;
 - Bidders **MUST** clearly declare their Local Content Percentage commitment per item quoted.

Failure to duly complete the documentation in full, declare per item, sign and submit all these Mandatory Returnable Documents at the Closing Date and time of this RFQ will result in a Respondent's disqualification.

4. ADDITIONAL INSTRUCTIONS: LOCAL CONTENT QUESTIONS

It is recommended that any clarification questions be submitted in writing by bidders and Transnet Freight Rail will respond to all bidders within 48 hours.

ANNEXURE J: SPECIFICATION OF GOODS

SUPPLY AND DELIVERY OF ANGLE GRINDER AND BATTERY BOOSTER TO RICHARDS BAY.

Refer full specification to the attached

Respondent's Signature

Date & Company Stamp



INFRASTRUCTURE MAINTENANCE

SPECIFICATION

Specification For A Hydraulic Angle Grinder

Author:	Chief Engineering Technician Small Plant & Equipment	Ashwin Singh
Approved:	Senior Engineer Engineering	Colin Blandford
Authorised:	Senior Engineer Engineering	Colin Blandford

Three handwritten signatures are shown, each on a dotted line. The first signature is for Ashwin Singh, and the subsequent two are for Colin Blandford.

Date: 27 May 2008

Circulation Restricted To:

Transnet Freight Rail - Infrastructure

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1. General Requirements

- 1.1 This specification outlines the requirements of a heavy-duty hydraulic angle grinder that will be used for the maintenance of railway infrastructure.

2. Operating Conditions

- 2.1 Machines will be operated in all weather conditions at altitudes varying from sea level to 1850 m above sea level, relative humidity 10% to 90% and atmospheric conditions which vary from heavily saline to dry and dusty.
- 2.2 Ambient air temperatures ranging from -5° C to 45° C.

3. Qualifications

- 3.1 The design of the angle grinder is to be that of the manufacturer, but must be of robust construction in order to meet sustained heavy-duty demands of railway infrastructure maintenance.
- 3.2 A “no-tool” adjustment machine is preferred.
- 3.3 Only products proven in service will be considered. A list of users, both South African and international, is to be submitted.

4. Performance

- 4.1 A service life of not less than 7 years is expected from each machine. The actual design life of the machine is to be stated.
- 4.2 The angle grinders are to be easily and economically maintained with standard workshop tools and equipment.
- 4.3 The machines must be compatible with hydraulic oil of viscosity grades 46 and 68 – details as per SANS 1218:2005 (Hydraulic Oil – Anti-wear Type).

5. General Requirements

- 5.1 This specification outlines the requirements of a heavy-duty hydraulic angle grinder.
- 5.2 The angle grinder must be suitable for use with 230 x 3 x 22.2 mm cutting discs and 230 x 6.8 x 22.2 mm grinding discs.

6. Detailed Requirements

6.1 Mass

- 6.1.1 The mass of the angle grinder (including whip hoses) is not to exceed 7 kg.

6.2 Hydraulic System Requirements

- 6.2.1 The machine must comply to HTMA standards for hydraulic tool operation.
- 6.2.2 The machine must operate on the "Open Centre Circuit" hydraulic system.
- 6.2.3 The hydraulic supply will meet the requirements of HTMA Type 2 and Type RR System and the angle grinder must operate effectively and safely on both of these standards.
- 6.2.4 The machine must be equipped with 12mm ($\frac{1}{2}$ ") hydraulic whip hoses that comply to DIN EN 853 - 2SN (Rubber Hoses and Hose Assemblies - Wire Braid Reinforced Hydraulic Type).
- 6.2.5 The whip hoses must be 400mm long.
- 6.2.6 The whip hoses must be fitted with 12mm ($\frac{1}{2}$ ") fixed male and female quick release flat-face fittings that comply to HTMA standards. The quick release fittings must be fitted with dust caps.
- 6.2.7 Hose connections must be placed in a position that would assist in the balance of the machine and make it easy for the operator to handle and move the machine.
- 6.2.8 The angle grinder is to be clearly marked in respect of hydraulic oil flow required.
- 6.2.9 Coupling points are to indicate whether they are supply or return points.

6.3 Operator Comfort

- 6.3.1 The angle grinder must comply with SANS 8662-1:1998 (Hand-Held Portable Power Tools - Measurement of Vibrations at the Handle Part 1:General) and SANS 8662 - 4:1994 (Hand-Held Portable Power Tools - Measurement of Vibrations at the Handle Part 4: Grinders).

6.4 Noise Emission

- 6.4.1 The angle grinder must comply to BS EN ISO 4871:1997 (Declaration and verification of noise emission values of machinery and equipment).

6.5 Operating Speed

- 6.5.1 The maximum no-load speed must not exceed 6000 rpm.

6.6 Cutting and Grinding Discs

- 6.6.1 The hydraulic angle grinder must be suitable for locally manufactured 230mm, 6600 rpm cutting and grinding discs that will be manufactured to South African Abrasives Association specifications.
- 6.6.2 The disc mounting must be suitable for cutting and grinding discs.

6.7 Body

- 6.7.1 The body of the tool and its components must be robust.
- 6.7.2 The machine must be well protected against rust.
- 6.7.3 The grip on the handles must have a non-slip surface.
- 6.7.4 Machines will be acceptable in standard factory production finish and colour. Details to be furnished. Due cognisance must be given to the life requirement of the machine.

6.8 Safety

- 6.8.1 The angle grinder is to be provided with suitable safety guards, as per South African Abrasives Association, to protect against the risks resulting from wheel breakage.
- 6.8.2 The angle grinder must be provided with a safety device to prevent accidental switch-on.
- 6.8.3 The maximum no load speed (rpm) of the angle grinder must be clearly marked.

6.9 Ergonomics

- 6.9.1 The machine must be ergonomically designed for maximum operator productivity and safety.

7. Quality Control

- 7.1 All machines must be manufactured in an environment that complies to the latest ISO 9000 to ISO 9004 or similar quality control standards. Details must be furnished.
- 7.2 Machines will be subject to a technical evaluation and the final decision will, amongst others, be based on these findings.

8. Legal and Operational

- 8.1 All machines must comply with the requirements of the Machinery and Occupational Safety Act, (Act 85 of 1993 – General and Driven Machinery Regulations) and The Machinery Directive 98/37/EC.
- 8.2 The machine must be completely assembled and filled with lubricants and ready for service in all respects.
- 8.3 Where grease nipples are fitted these are to be to DIN 71412 (Lubricating Nipples – Cone Type) in easily accessible positions.
Full details of lubrication applicable to machines on offer to be submitted.
- 8.4 An operator's handbook, service manual and spare parts list must be supplied with each machine in order to ensure that the machine is operated in accordance to the manufacturer's instructions.
- 8.5 All machines and equipment must be supplied complete with essential tools such as allen keys, spanners etc. in order to make essential adjustments as well as to fit or remove consumable items.
- 8.6 Suppliers of hydraulic machinery will be required to stock a full range of readily available spare parts required for the maintenance of these machines throughout their life span.
Full details of service organisation is to be submitted.
- 8.7 Consumable items must be available locally and must be of standardised format in order to be used on equipment of more than one supplier.
- 8.8 All machines and equipment is to be guaranteed for a minimum period of 12 months against faulty material and workmanship - fair wear and tear excluded. Full details of guarantee is to be submitted.
- 8.9 The information as requested by the various clauses in this specification are to be supplied in the form of technical data, pamphlets and/or drawings. If this is not complied to, offers may be overlooked.
- 8.10 Each machine purchased will be issued with a project number consisting of 20 characters which must be stamped or engraved directly onto the machine or on the manufacturer's data plate or a separate riveted plate on the particular machine.
- 8.11 Sufficient training must be given to all operators of these machines.
- 8.12 Machines not already in service with Transnet Freight Rail must be made available for testing/evaluation during the adjudication of the tender. Technical improvements on existing machines/equipment is to be substantiated by physical examples.