



prasa
PASSENGER RAIL AGENCY
OF SOUTH AFRICA

REQUEST FOR QUOTATION (RFQ)

RFQ NUMBER: A & W-CALIB/10/2023

**REQUEST FOR QUOTATION (RFQ) FOR TERM CONTRACTS FOR: AS AND WHEN FOR CALIBRATION
AND REPAIRS OF MEASURING EQUIPMENT AT GAUTENG NORTH REGION**

SECTION 1: SBD1**PART A INVITATION TO BID****YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF PASSENGER RAIL AGENCY (PRASA)**

BID NUMBER:	A & W-CALIB/10/2023	CLOSING DATE:	26/10/2023	CLOSING TIME:	12:00
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DESCRIPTION	AS AND WHEN FOR CALIBRATION AND REPAIRS OF MEASURING EQUIPMENT AT GAUTENG NORTH REGION
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BID RESPONSE DOCUMENTS SHALL BE ADDRESSED AS FOLLOWS:

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS):

546 PAUL KRUGER c/o SCHEIDING STREET

PRASA CRES BUILDING

PRETORIA STATION PRECINCT

PRETORIA

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO

CONTACT PERSON	Thulisile Shabangu
TELEPHONE NUMBER	012 748 7571
E-MAIL ADDRESS	CresNGR.Quotation@prasa.com

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 No: MAAA.....

2.1 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]	2.2 ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
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QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO

DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO

DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO

DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?

☐ YES ☐ NO

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?

☐ YES ☐ 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 2.3 BELOW.

PART B: TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER**
- 1.3. **PRESCRIBED IN THE BID DOCUMENT.**
- 1.4. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 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.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE.”

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

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

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

DATE:

NB:

- **Quotation(s) must be addressed to PRASA before the closing date and time shown above.**
- **PRASA General Conditions of Purchase shall apply.**

SECTION 2

NOTICE TO BIDDERS

1. RESPONSES TO RFQ

Responses to this RFQ [Quotations] must not include documents or reference relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter.

Proposals must reach the PRASA before the closing hour on the date shown on SBD1 above, and must be enclosed in a sealed envelope.

2 COMMUNICATION

Respondent/s are warned that a response will be liable for disqualification should any attempt be made either directly or indirectly to canvass any SCM Officer(s) or PRASA employee in respect of this RFQ between the closing date and the date of the award of the business.

3 BIDDERS COMPLAINTS PROCESS

3.1 Bidders are advised utilize this email address (SCM.Complaints@prasa.co.za) for lodging of complains to PRASA in relation to this bid process. The following minimum information about the bidder must be included in the complaint:

- 3.1.1 Bid/Tender Description
- 3.1.2 Bid/Tender Reference Number
- 3.1.3 Closing date of Bid/Tender
- 3.1.4 Supplier Name;
- 3.1.5 Supplier Contact details
- 3.1.6 The detailed compliant

4 LEGAL COMPLIANCE

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

5 CHANGES TO QUOTATIONS

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

6 PRICING

All prices must be quoted in South African Rand on a fixed price basis, including all applicable taxes.

7 BINDING OFFER

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

8 DISCLAIMERS

PRASA 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 PRASA reserves the right to:

- Modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes;
- Reject any Quotation which does not conform to instructions and specifications which are detailed herein;
- Reject Quotations submitted after the stated submission deadline or at the incorrect venue ;

Should a contract be awarded on the strength of information furnished by the Respondent, which after conclusion of the contract, is proved to have been incorrect, PRASA reserves the right to cancel the contract.

PRASA reserves the right to award business to the highest scoring bidder/s unless objective criteria justify the award to another Respondent.

Should the preferred fail to sign or commence with the contract within a reasonable period after being requested to do so, PRASA reserves the right to award the business to the next highest ranked Respondent provided that he/she is still prepared to provide the required goods at the quoted price.

9 LEGAL REVIEW

Proposed contractual terms and conditions submitted by a Respondent will be subjected to review and acceptance or rejection by PRASA's Legal Counsel, prior to consideration for an award of business.

10 NATIONAL TREASURY'S CENTRAL SUPPLIER DATABASE

Respondents are required to self-register on National Treasury's Central Supplier Database (CSD) which has been established to centrally administer supplier information for all organs of state and facilitate the verification of certain key supplier information. PRASA is required to ensure that price quotations are invited and accepted from prospective bidders listed on the CSD. Business may not be awarded to a respondent who has failed to register on the CSD. Only foreign suppliers with no local registered entity need not register on the CSD. The CSD can be accessed at <https://secure.csd.gov.za/>.

11 PROTECTION OF PERSONAL DATA

In responding to this bid, PRASA acknowledges that it may obtain and have access to personal data of the Respondents. PRASA agrees that it shall only process the information disclosed by Respondents in their response to this bid for the purpose of evaluating and subsequent award of business and in accordance with any applicable law.

Furthermore, PRASA will not otherwise modify, amend or alter any personal data submitted by Respondents or disclose or permit the disclosure of any personal data to any Third Party without the prior written consent from the Respondents. Similarly, PRASA requires Respondents to process any personal information disclosed by PRASA in the bidding process in the same manner.

12 EVALUATION METHODOLOGY

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

EVALUATION CRITERIA	WEIGHTING
Stage 1 – Compliance	
Stage 1A	Mandatory Requirements
Stage 1B	Other Mandatory Requirements
Stage 2 – Technical /Functionality	
Technical/Functional Requirements	Threshold of 60%
Stage 3 Price and Specific goals	
Price	80
Specific Goals	20
TOTAL	100

13 ADMINISTRATIVE RESPONSIVENESS

The test for administrative responsiveness will include completeness of response and whether all returnable and/or required documents, certificates; verify completeness of warranties and other bid requirements and formalities have been complied with. Incomplete Bids will be disqualified.

14 VALIDITY PERIOD

14.1 PRASA requires a validity period of **60 Working Days** from the closing date.

14.2 Respondents are to note that they may be requested to extend the validity period of their response, on the same terms and conditions, if the internal processes are not finalized within the validity period. However, once the delegated authority has approved the process the validity of the successful respondent(s)' bid will be deemed to remain valid until finalization of the of award.

15 PUBLICATION OF INFORMATION ON THE NATIONAL TREASURY E-TENDER PORTAL

Respondents are to note that, bid awards, amendments and cancellations will be published on the e-tender portal and or media used to advertise the bid. For the award of business, PRASA is required to publish the prices and preferences claimed of the successful and unsuccessful Respondents *inter alia* on the NationalTreasury e-Tender Publication Portal, (www.etenders.gov.za), on CIDB website for construction related RFQ's. (*Where applicable*).

16 RETURNABLE DOCUMENTS

Returnable Documents means all the documents, Sections and Annexures, as listed in the tables below. There are three types of returnable documents as indicated below and Respondents are urged to ensure

that these documents are returned with the quotation based on the consequences of non-submission as indicated below:

15.1. Mandatory Returnable Documents

Failure to provide Mandatory Returnable Documents at the Closing Date and time of this RFQ will result in a Respondent's disqualification. Respondents are therefore urged to ensure that all documents are returned with their Quotations.

SECTION 3

1 EVALUATION CRITERIA:

Bidders are to comply with the following requirements and failure to comply may lead to disqualification.

Stage 1A – Mandatory Requirements

If you do not submit/meet the following mandatory documents/requirements, your bid will be automatically disqualified.

Only bidders who comply with stage 1A will be evaluated further.

No.	Description of requirement	
a)	Completion of ALL RFP documentation (includes ALL declarations)	
b)	Price Schedule and Pricing form (Section 4) To facilitate like-for like comparison bidders must submit pricing strictly in accordance with this price schedule/BOQ and not utilize a different format. Deviation from this pricing schedule will result in a bid being declared non-responsive.	
c)	Joint Venture, Consortium Agreement or Partnering Agreement signed by all parties. The agreement should indicate the leading bidder where applicable.	
d)	The Contractor/Supplier must be registered with South African National Accreditation System (SANAS) for Calibration.	

Stage 1B: Non - Mandatory Requirements: The following documents are non-mandatory and where not submitted, Prasa may request the documents and must be made available at the time of request:

No.	Description of requirement	
c)	Valid SARS Tax Pin Letter (must be valid on closing date of submission of the proposal)	
d)	CSD report / CSD reference number	
e)	Proof of Valid Letter of Good Standing COIDA	

Stage 2- Technical / Functionality Requirements

- Qualifying bidders shall be evaluated on technicality / functionality after meeting all compliance requirements outlined above.
- The minimum threshold for the technical/functionality requirements is 60%.

NOTE: The Technical or Functionality criteria must be guided by the project scope of works and area of focus.

Scoring of Functionality:

Responsive tenders will firstly be evaluated on functionality. The minimum score for functionality is 60% and a bidder who scores below this minimum shall not be considered for further evaluation in terms of the preference point systems.

Sub-Criteria	Description	Weightings
Contractor's experience	The contractor must submit proof of projects successfully completed within the past 10 years. These must be (Calibration and Repairs of Measuring Equipment) related work. <ul style="list-style-type: none">Attach <u>signed reference letter with company letter head or completion certificate with a letter head</u> of similar projects completed in the past 10 years as Proof. Contract values must clearly be indicated in documentation provided.	35%
	No submission of experience	0
	list of previous jobs completed with written contactable references or completion certificate with a value of R200 000,00 in the last 10 years	1
	list of previous jobs completed with written contactable references or completion certificate with a value of R400 000,00 in the last 10 years	2
	list of previous jobs completed with written contactable references or completion certificate with a value of R600 000,00 in the last 10 years	3
	list of previous jobs completed with written contactable references or completion certificate with a value of R800 000,00 in the last 10 years	4
	list of previous jobs completed with written contactable references or completion certificate with a value of R1 000 000,00 in the last 10 years	5
Training and Certification of Staff	The contractor must submit proof (certified trade certificate) of artisans (Instrumentation Mechanician) staff qualified to carry out general building related work.	30%

Sub-Criteria	Description				Weightings
	Scores will be based on relevant certifications provided:				
		No information or certifications provided	0		
		1 person certified as an Instrumentation Mechanician.	1		
		1 person certified as an Instrumentation Mechanician.	2		
		2 people certified as an Instrumentation Mechanician.	3		
		3 people certified as an Instrumentation Mechanician .	4		
		4 or more people certified as an Instrumentation Mechanician	5		
The bidder to submit proof of ownership or rental agreement of a list of vehicles suitable for the execution of the work. Suitable vehicles include “bakkie” or light duty pickup truck.	Contractor must submit proof of certified copies of vehicles (Bakkies/ light bakkie vehicles /trucks) they own or hired for the purpose of this project				10%
	Attach proof of vehicles (Bakkies/ light bakkie vehicles/trucks) that you own or hired for this project				
		No Proof provided	0		
		Proof of Intent letter to hire (letter of commitment from bidder)	1		
		Proof of 1 vehicle/truck owned or hired	2		
		Proof of 2 vehicle/truck owned or hired	3		
		Proof of 3 vehicles/trucks owned or hired	4		
Proof of 4 or more vehicles/trucks owned or hired		5			
Relevant Municipality footprint		Demonstration of company existence to Gauteng province with evidence of relevant footprint in Tshwane Municipality. The contractor shall submit Copies of the Rates and Taxes/ Lease agreement (Not older than 3 months) to determine the footprint			25%

Sub-Criteria	Description	Weightings
	Footprint in City of Tshwane Municipality	5
	Footprint in either City of Johannesburg or City of Ekurhuleni Municipality	4
	Footprint in West rand District Municipality	3
	Footprint in Sedibeng District Municipality	2
	Footprint outside Gauteng Province	1
	No Submission	0
Total		100%

Stage 3- Price and Specific Goals

The following formula, shall be used to allocate scores to the interested bidders :

The maximum points for this tender are allocated as follows:

DETAILS	POINTS
PRICE	80
SPECIFIC GOALS	20
TOTAL POINTS FOR PRICE AND SPECIFIC GOALS	100

FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

POINTS AWARDED FOR PRICE

THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

POINTS AWARDED FOR SPECIFIC GOALS

- 3.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	ACCEPTABLE EVIDENCE- Required to claim points	Number of points claimed (80/20 system) (To be completed by the tenderer)
Black youth owned (51%)	4	Certified copy of ID Document of the Owners accompanied by BBBEE Certificate or a Sworn Affidavit/A consolidated JV BBBEE Certificate in the case of Joint Venture Companies	
EME or QSE (51%) owned	4	Certified copy of ID Document of the Owners accompanied by BBBEE Certificate or a Sworn Affidavit/A consolidated JV BBBEE Certificate in the case of Joint Venture Companies	
Black Woman Owned (51%)	4	Certified copy of ID Document of the Owners accompanied by BBBEE Certificate or a Sworn Affidavit/A consolidated JV BBBEE Certificate in the case of Joint Venture Companies	
51% Black owned	4	Certified copy of ID Document of the Owners accompanied by BBBEE Certificate or a Sworn Affidavit/A consolidated JV BBBEE Certificate in the case of Joint Venture Companies	
Black persons living with disabilities	4	Certified copies of ID Documents of the Owners and Doctors note confirming disability	

SECTION 4

PRICING AND DELIVERY SCHEDULE

Respondents are required to complete the attached Pricing Schedule

Prices must be quoted in South African Rand, inclusive of all applicable taxes.

- 1 Price offer is firm and clearly indicate the basis thereof.
- 2 Pricing Bill of Quantity is completed in line with schedule if applicable.
- 3 Cost breakdown must be indicated.

4 ~~Price escalation basis and formula must be indicated.~~

5 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 declared non-responsive.

6 Please note that should you have offered a discounted price(s), PRASA will only consider such price discount(s) in the final evaluation stage on an unconditional basis.

7 Respondents are to note that if price offered by the highest scoring bidder is not market related, PRASA may not award the contract to the Respondent. PRASA may:

8 negotiate a market-related price with the Respondent scoring the highest points;;

9 if that Respondent does not agree to a market-related price, negotiate a market-related price with the Respondent scoring the second highest points;

10 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;

11 If a market-related price is not agreed with the Respondent scoring the third highest points, PRASA must cancel the RFQ.

I / We _____ (Insert Name of Bidding Entity) of

_____ code

(Full address) conducting business under the style or title of: _____

represented by: _____ in my capacity as:

_____ being duly authorised,

hereby offer to undertake and complete the above-mentioned work/services at the prices quoted in the bills of quantities / schedule of quantities or, where these do not form part of the contract, at a lumpsum, of

R _____ (amount in numbers);

_____ (amount in words) Incl.

VAT.

DELIVERY PERIOD: Suppliers are requested to offer their earliest delivery period possible.

Delivery will be effected within working days from date of order. (To be completed by Service provider)

SECTION 5

PRASA GENERAL CONDITIONS OF PURCHASE

General

PRASA and the Supplier enter into an order/contract on these conditions to supply the items (goods/services/works) as described in the order/contract.

Conditions

These conditions form the basis of the contract between PRASA and the Supplier. Notwithstanding anything to the contrary in any document issued or sent by the Supplier, these conditions apply except as expressly agreed in writing by PRASA.

No servant or agent of PRASA has authority to vary these conditions orally. These general conditions of purchase are subject to such further special conditions as may be prescribed in writing by PRASA in the order/contract.

Price and payment

The price or rates for the items stated in the order/contract may include an amount for price adjustment, which is calculated in accordance with the formula stated in the order/contract.

The Supplier may be paid in one currency other than South African Rand. Only one exchange rate is used to convert from this currency to South African Rand. Payment to the Supplier in this currency other than South African Rand, does not exceed the amounts stated in the order/contract. PRASA pays for the item within 30 days of receipt of the Suppliers correct tax invoice.

Delivery and documents

The Supplier's obligation is to deliver the items on or before the date stated in the order/contract. Late deliveries or late completion of the items may be subject to a penalty if this is imposed in the order/contract. No payment is made if the Supplier does not provide the item as stated in order/contract.

Where items are to be delivered the Supplier:

Clearly marks the outside of each consignment or package with the Supplier's name and full details of the destination in accordance with the order and includes a packing note stating the contents thereof; On dispatch of each consignment, sends to PRASA at the address for delivery of the items, an advice note specifying the means of transport, weight, number of volume as appropriate and the point and date of dispatch; Sends to PRASA a detailed priced invoice as soon as is reasonably practical after dispatch of the items, and states on all communications in respect of the order the order number and code number (if any).

Containers / packing material

Unless otherwise stated in the order/contract, no payment is made for containers or packing materials or return to the Supplier.

Title and risk

Without prejudice to rights of rejection under these conditions, title to and risk in the items passes to PRASA when accepted by PRASA.

Rejection

If the Supplier fails to comply with his obligations under the order/contract, PRASA may reject any part of the items by giving written notice to the Supplier specifying the reason for rejection and whether and within what period replacement of items or re-work are required.

In the case of items delivered, PRASA may return the rejected items to the Supplier at the Supplier's risk and expense. Any money paid to the Supplier in respect of the items not replaced within the time required, together with the costs of returning rejected items to the Supplier and obtaining replacement items from a third party, are paid by the Supplier to PRASA.

In the case of service, the Supplier corrects non-conformances as indicated by PRASA.

Warranty

Without prejudice to any other rights of PRASA under these conditions, the Supplier warrants that the items are in accordance with PRASA's requirements, and fit for the purpose for which they are intended, and will remain free from defects for a period of one year (unless another period is stated in the Order) from acceptance of the items by PRASA.

Indemnity

The Supplier indemnifies PRASA against all actions, suits, claims, demands, costs, charges and expenses arising in connection therewith arising from the negligence, infringement of intellectual or legal rights or breach of statutory duty of the Supplier, his subcontractors, agents or servants, or from the Supplier's defective design, materials or workmanship.

The Supplier indemnifies PRASA against claims, proceedings, compensation and costs payable arising out of infringement by the Supplier of the rights of others, except an infringement which arose out of the use by the Supplier of things provided by PRASA.

Assignment and sub-contracting

The successful Respondent awarded the contract may only enter into a subcontracting arrangement with PRASA's prior approval. The contract will be concluded between the successful Respondent and PRASA, therefore, the successful Respondent and not the sub-contractor will be held liable for performance in terms of its contractual obligations.

Governing law

The order/contract is governed by the law of the Republic of South Africa and the parties hereby submit to the non-exclusive jurisdiction of the South African courts.

BIDDER'S DISCLOSURE**1. PURPOSE OF THE FORM**

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise,
employed by the state? **YES/NO**

- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

- 2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

- 2.2.1 If so, furnish particulars:

.....

- 2.1 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having

- 2.2 a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

- 2.3.1 If so, furnish particulars:

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

3 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT. I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- 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 **To be completed by the organ of state**

(delete whichever is not applicable for this tender).

- a) The applicable preference point system for this tender is the **90/10** preference point system.
- b) The applicable preference point system for this tender is the **80/20** preference point system.
- c) Either the **90/10 or 80/20 preference point system** will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.
- (c)

To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and Specific Goals	100

1.4 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

- 1.5 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.2. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) & \text{or} & Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \end{array}$$

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmin = Price of lowest acceptable tender

3.3. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.3.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) & \text{or} & Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) \end{array}$$

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table above.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

- (a) disqualify the person from the tendering 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) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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
- (e) forward the matter for criminal prosecution, if deemed necessary.

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

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

SECTION 11
SPECIFICATION:

As and When for Calibration and Repairs of Measuring Equipment at Gauteng North Region

1. Scope Of Work

1.1. The scope of works / services to be provided by the contractor is as follows:

- Carry out Calibration and corrective maintenance or repairs to Measuring Equipment at Gauteng North Region as and when requested.
- 12hrs Monday to Friday emergency service, as and when required by PRASA-CRES.
- The contractor will ensure that Measuring Equipment works effectively and report defects and point out all major faults.

1.2. The Contractor shall issue a SANAS accredited/approved calibration certificate for every unit calibrated.

1.3. The contract duration will be 36 months.

2. Definitions

2.1 **PRASA-CRES:** One of the subsidiaries of Passenger Rail Agency of South Africa (PRASA) group responsible for managing the property portfolio of the group and the maintenance thereof.

2.2 **Facilities Manager:** A manager of PRASA-CRES responsible for buildings and infrastructure portfolio or any person authorised to act in that capacity.

2.3 **Normal Working Hours:** Hours of work as determined by a wage regulating measure or statutory enactment for any trade or activity, during which the basic minimum rate of pay is applicable and excludes all time for which a higher rate of pay is obligatory. Where no wage regulating measure is in force, the hours will be 07h00 to 17h00 Mondays to Fridays excluding a daily meal break.

2.4 **Contractor:** Successful Bidder who is appointed by PRASA-CRES and will be responsible to carry out the works as per this specification.

3. Contract Time Frame

3.1. The contract is for a period of 36 months but can be terminated when there is proof of underperformance or substandard performance.

4. Maintenance References

4.1. All Measuring equipment will be in accordance with the following publications:

- The Occupational Health and Safety (OHS) Act (Act No. 85 of 1993)
- The Compensation for Occupational Injuries and Diseases (COID) Act (Act No. 130 of 1993)
- IEC 60529:2001, Degrees of protection provided by enclosures (IP Code)
- IEC 60559:1989, Binary floating-point arithmetic for microprocessor systems
- IEC 60654-1:1993, Industrial-process measurement and control equipment – Operating conditions – Part 1: Climatic conditions
- IEC 60770-1:1999, Transmitters for use in industrial-process control systems – Part 1: Methods for performance evaluation
- IEC 61000-4 (all parts), Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques
- SANS 17025 is the quality standard that calibration laboratories use to ensure they produce valid results.
- IEC 61069 (all parts), Industrial-process measurement and control – Evaluation of system properties for the purpose of system assessment
- IEC 61298 (all parts), Process measurement and control devices – General methods and procedures for evaluating performance
- ISO 3511-1:1977, Process measurement control functions and instrumentation – Symbolic representation – Part 1: Basic requirements.

5. Preventative Maintenance and Repair

5.1. All planned work shall be carried out during normal working hours at the cost tendered for in the Bill of Quantities.

5.2. Site visits will be scheduled for the contractor to perform calibration on measuring equipment as per this specification.

5.3. Planned work referred to herein will include:

- Quarterly calibration of equipment or bay

N.B See Annexure 1 for the minimum tasks to be performed for each Calibration schedule.

5.4. The Contractor shall compile and issue to PRASA-CRES a written report or service sheet of any testing, inspection, examination, investigation and/or assessment undertaken and execution of any repairs. Reports will highlight the following:

- The type of work or service done
- Serving and extraction of test reports
- Results of inspection
- Faults found and their priority thereof.
- Quotations for any corrective works required shall be submitted to PRASA-CRES before commencement of repairs.
- The Contractor must issue a calibration sticker after calibration of equipment.

5.5. PRASA-CRES reserves the right to conduct an independent safety and quality audit to be carried out on the maintenance performance of the units. The contractor shall provide his own quality controls to ensure compliance with the specifications, unit's maintenance manuals, any changes to legislation or regulations applicable to the maintenance units and possible modernisation products to upgrade or to improve the reliability and performance of the units will be brought to PRASA-CRES for consideration.

5.6. PRASACRES Project Manager/supervisor reserves the right to at any time visit the premises of the contractor to inspect the state/condition of the test and repair equipment of the contractor or evaluate the cleaning/repair/calibration process.

6. Contract Performance and Expectations

6.1. Work covered in this contract will be prioritised as per the table below:

Priority	Definition	Response Time	Work Complete
Emergency 1.	Breakdown of measuring equipment. This work affects our day-to-day maintenance.	48hrs	Within 72hours
Planned	Calibration of Measuring equipment	As per the service schedule.	As per the service schedule

6.2. The contractor will sign a service level agreement with PRASA-CRES. The performance of the Contractor will be discussed on the quarterly basis at meetings scheduled to sit at PRASA CRES offices. Performance Items to be discussed will include:

- the number of breakdowns for specific period
- the turnaround time to attend to emergency callouts
- planned vs. actual progress.
- submission of reports, invoices, and other administration duties
- payment of invoices

6.3. Upon the completion of work the service Provider must submit the following:

- Signed job card by the Project Manager or leader (job completion form)
- Guarantee/ Warranty certificates to cover a free maintenance period (WHERE APPLICABLE)
- Material invoice
- Quotations for any preventative and corrective works

7. Terms Of Payment

- 7.1. The terms of payment will be monthly and upon receiving the invoice, PRASA-CRES shall pay the Contractor within 30 days. This is subject to the invoicing being both correct and free from anomalies.
- 7.2. All pricing information shall be exclusive of VAT.
- 7.3. No sub-contracting shall be permitted.
- 7.4. Invoices shall show the period, the lump sum for the maintenance work and the breakdown of all work for which the payment is being claimed for. All non-maintenance invoices shall be presented on a per maintenance unit basis and a fully itemized list of the work being charged for will be incorporated into the invoice. A photocopy of the worksheet which shall indicate entry and exit times from site which shall be signed by the PRASA-CRES representative shall be attached to the invoice and any invoices submitted without this attachment and fully completed to the satisfaction of the PRASA-CRES will be rejected.
- 7.5. Additional works shall be separately invoiced and these shall be submitted monthly. Where such works are covered by the Schedules of Rates the schedules shall be strictly adhered to in preparing the invoice. Works authorized by PRASA-CRES representative which falls outside the scope of the contract and the Schedule of Rates shall be invoiced separately and fully detailed with the works involved and cross referenced to the issued order number. PRASA-CRES reserves the right to request the invoice for the material or spare parts purchased by the Contractor on the works done.
- 7.6. If invoices are presented which do not fully comply with the format as detailed, they will be rejected. All invoices shall portray the identity number of the maintenance unit involved and site location and VAT as a sum of money shall be included within the total monies being claimed. A schedule of accumulative costs shall be submitted each month showing the expenditure to date of non-contract repair works and misuse / vandalism as two separate totals. PRASA-CRES will accept no liability and/or responsibility for the late payment of the invoices which have been incorrectly addressed by the Contractor.
- 7.7. No payment shall be made by PRASA-CRES for any unauthorized service performed by the Contractor.

8. Pricing

- 8.1. The Contractor shall familiarize himself with the required maintenance procedures and the response times required in this contract and submit prices; accordingly, additional changes to the maintenance contract will not be accepted.
- 8.2. The Contractor shall include for all costs associated with the works to include plant, tools, test equipment, chemicals, sundry materials; temporary lighting, small plant and tools; temporary plant and equipment to maintain operations in breakdowns; off-loading, hoisting and handling of all materials and plant; access to the works, administration and security; transport for staff; protecting the Works; safety,

health and welfare of people; removing rubbish, protective casings and coverings away from the site and cleaning the works on completion; temporary screens, hoardings, guard rails, landing barriers, scaffolding and similar items; control of noise, pollution and all other statutory obligations; all necessary attendances in connection with examination and/or tests in compliance with OHS Act Regulations and all necessary management and supervision of the Works.

9. **Safety and Materials**

- 9.1. The contractor is responsible for supply of all material required to repair the faults as per job cards /work order.
- 9.2. All material used shall be of high standard (**SABS approved**)
- 9.3. The contractor shall supply the list of all material used with the price of material per item, to repair the faults with the invoice payment.
- 9.4. The material item price shall be based on standard market related plus the percentage mark-up fee.
- 9.5. Prasa Cres Maintenance Manager /Supervisor reserve the right to query price of any material that is on the material list. He /she may request that the contractor justifies a copy of the material purchased, invoices or actual quotes from reputable suppliers.

NB: The contractor is expected to purchase from a reputable supplier and must charge us standard market related prices.

10. **Quality Of Work And Workmanship:**

- **Works with poor workmanship will not be signed off and PRASACRES reserve the right to hold payments until satisfied with the quality of the works.**

11. **Non-Compliance:**

- **Safety** – the contractor will at all times ensure that work is performed in accordance with all the prescribed legal prescripts.
- **Response time** – if an appointed service provider as per the General provisions of the As and When fails to adhere to the priority levels as prescribed. PRASA CRES Facilities department hereby reserves the right to penalise the service provider a penalty fee up to **R 500** per incident /site will be imposed and if this provision is continually violated the contract will be terminated.
- **Qualified personnel**- It is a requirement that personnel performing/overseeing works issued to the contractor be qualified in required Trade (Instrumentation Mechanician).

12. **Special Conditions**

- The Contractor must be registered with South African National Accreditation System (SANAS) for Calibration.
- The Contractor laboratories must be accredited to SANS 17025 general requirements for the competence of testing and calibration laboratories by the South African National Accreditation System (SANAS).
- The Contractor must perform calibration on-site or under controlled laboratory conditions off-site.

13. **Pre-qualification requirements**

If you do not submit the following documents/information, your submission will be disqualified automatically.

- Valid SANAS Accreditation Certificate for Testing and Calibration.

14. Estimated Quantities

- The estimated quantities/hours/kilometres are only indicative, the actual could be more &/or less but should be within / not to exceed the overall contract price.

15. ANNEXURE 01: Minimum Calibration Schedules Tasks Description

- The Contractor must issue a calibration certificate which is SANAS accredited/approved for each and every unit calibrated.

Name of Measuring Equipment	Calibration Schedule	Calibration range
1. Major Tech MT24 multimeter	3 Months Interval	<ul style="list-style-type: none">DC Voltage 600.0mV - 1000VDC Voltage accuracy $\pm(1.2\% +2)$AC Voltage 6.000V - 1000VAC Voltage accuracy $\pm(1.5\% +3)$DC Current 6A - 10ADC Current accuracy $\pm(2.5\%+5)$AC Current 6A - 10AAC Current accuracy $\pm(3.0\% +5)$Resistance 600.0Ω - 60.00MΩResistance accuracy $\pm(2.0\% +2)$Frequency 9.999Hz - 10MHzFrequency accuracy $\pm(1.2\% +3)$Capacitance 40.00nF - 4000μFCapacitance accuracy $\pm(3.0\% +5)$Temperature -20 to 760°CTemperature accuracy $\pm(3.0\%+5)$
2. Major Tech MT770 AC Clamp meter	3 Months Interval	<ul style="list-style-type: none">AC Current= 600.00A – 1000.0AAC current resolution= 10mAAC Current accuracy= $\pm(2.5\% +8)$DC Voltage= 600.00mV – 1000.0VDC Voltage resolution= 1mVDC Voltage accuracy= $\pm(1.5\% +2)$AC Voltage= 6V – 1000VAC Voltage resolution= 1mVAC voltage accuracy= $\pm(1.5\% +5)$Resistance= 600.0Ω – 60.00MΩResistance resolution= 0.1ΩResistance accuracy= $\pm(1.5\% +2)$Frequency=9.999Hz – 99.99kHzFrequency resolution= 0.01HzFrequency accuracy= $\pm(1.2\% +5)$Capacitance= 60.00nF – 100.0mFCapacitance resolution= 0.01nFCapacitance accuracy= $\pm(3.0\% +5)$Temperature= -20 to 1000°CTemperature resolution= 0.1°CTemperature accuracy= $\pm(5.0^\circ\text{C} +3)$

		<ul style="list-style-type: none"> • Duty Cycle= 10.0% to 90.0% • Duty Cycle resolution= 0.1% • Duty Cycle accuracy=±(1.2% +2) • True RMS Measurements= ACV, ACA • AC Bandwidth= 50Hz to 400Hz • Digital Display= 6000
3. Major Tech MT550 Digital Insulation Tester	3 Months Interval	<ul style="list-style-type: none"> • Insulation Resistance= 250V - 200MΩ • Insulation Resistance accuracy= ±(3.0% +5) • Insulation Resistance= 500V - 200MΩ • Insulation Resistance accuracy= ±(3.0% +5) • Insulation Resistance= 1000V - 2000MΩ • Insulation Resistance accuracy= ±(5.0% +5) • Short circuit current 1.0mA • Measuring Current 200mA@4.5V • DC voltage 0 - 1000V • DC voltage accuracy= ±(0.8% +3) • AC voltage 0 - 750V • AC voltage accuracy= ±(1.2% +10) • Resistance 200Ω - 200KΩ • Resistance accuracy= ±(1.0%+2)
4. Major Tech MT310 Socket Earth Leakage Tester	3 Months Interval	<ul style="list-style-type: none"> • Voltage Measurement= 150VAC to 245VAC • Voltage accuracy= ±(10%) • Frequency Response= 50/60Hz • Range= x 250, x 1, x 1/2mA • Test Current=10, 15, 20, 25, 30, 35mA • Test Current Accuracy= ± (1.75mA @ 230VAC)
5. Major Tech MT478 LED Voltage Tester	3 Months Interval	<ul style="list-style-type: none"> • DC Voltage= 6 to 1000V • DC Voltage accuracy= ±(3.0% +5) • AC Voltage= 6 to 1000V • AC voltage accuracy= ±(3.0% +5) • Rotary field= 100 – 400V • RCD Test= 30mA@230V • Resistance= 0-1999Ω • Continuity resolution= ≤400kΩ • AC Bandwidth= 50.0Hz to 60.0Hz • Digital Display=2000 count LCD
6. Fluke 15B+ Digital Multimeter	3 Months Interval	<ul style="list-style-type: none"> • DC Voltage 600.0mV - 1000V • DC Voltage accuracy ±(0.5% +3) • AC Voltage 6.000V - 1000V • AC Voltage accuracy ±(1.0% +3) • DC Current 6A - 10A • DC Current accuracy ±(2.5%+5) • AC Current 6A - 10A • AC Current accuracy ±(3.0% +5) • Resistance 600.0Ω - 60.00MΩ

		<ul style="list-style-type: none"> Resistance accuracy $\pm(2.0\% +2)$ Frequency 9.999Hz - 10MHz Frequency accuracy $\pm(1.2\% +3)$ Capacitance 40.00nF - 4000μF Capacitance accuracy $\pm(3.0\% +5)$ Temperature -20 to 760°C Temperature accuracy $\pm(3.0\%+5)$ 	
7. Major Tech MT273 Non-Contact Voltage Detector	3 Months Interval	<ul style="list-style-type: none"> AC Voltage= 50V -1.5kV/1.5kV-132kV Duty Cycle= continuous Non Contact Voltage (NCV)= Yes Respond time= Instantaneous Voltage Detector Visual= Bright Blue LED Voltage Detector Audible= continuous beep Power On Indicator= Flashing Blue LED 	
8. Major Tech MT930 Phase Rotation Meter	3 Months Interval	<ul style="list-style-type: none"> Measuring Frequency= 15 – 400Hz 	
9. Fluke 1000FLT Fluorescent Light Tester	3 Months Interval	<ul style="list-style-type: none"> Lamp test max output=3000 V peak Ballast test=20 kHz Ballast type discriminator= $\leq 3\text{m}$ (10 feet) distance Pin continuity test=$\leq 1\text{ k}\Omega$ NCV (VoltAlert™)= 85 to 400 V AC,45 a 67 Hz $\leq 10\text{ cm}$ (4 in) distance Temperature Operating:= -10 °C to +50 °C (14 °F to +122 °F) Storage: -40 °C to +60 °C (-40 °F to +140 °F) Relative humidity= 85% maximum 	
10. UL50 BM50 - Pin Pointer	3 Months Interval	<p>UL 50 Receiver</p> <ul style="list-style-type: none"> Filter= Analogic Measuring indicators= LCD graphic display Gain = 85 dB (A - acoustic), 90 dB (I- inductive) Headset output= Plug. 6, 3 mm Power supply = Gel battery 12V 0.8A/h (internal) Operating period= > 10 hours Operating temperature= -10°C / +50°C <p>BM 50 Microphone</p> <ul style="list-style-type: none"> Filter= 100Hz - 2KHz,100Hz - 600Hz,350Hz - 1.5kHz 200Hz - 750Hz <p>Inductive Sensor</p> <ul style="list-style-type: none"> Frequency range= 480Hz - 1480Hz - 10kHz 	
11. HVSG1000-16-16kV Portable surge wave generator	3 Months Interval	<ul style="list-style-type: none"> DC output power= 0 – 4kVcc 0 – 8kVcc 0 – 16kVcc Peak power per scope= @ 4kVcc – 1000J ,@ 8kVcc – 1000J ,@ 16kVcc – 1000J Grounding= Automatic Coupler= ICE (Impulse Current Method) 	

		<ul style="list-style-type: none"> Power supply= 220 Vca/50Hz (110 Vca/60hz optional) Operating temperature= -10 °C ... +50 °C
12. Top Tronic TIN8D 15 kV High Voltage Insulation Tester	3 Months Interval	<ul style="list-style-type: none"> Insulation Test DC Voltage (V)= 500 – 15kV (500V increments) Accuracy= $\pm 5.0\%$ +5 Digit Current (A) 0.5nA – 0.55Ma Accuracy= Depend on insulation resistance AC Voltage (V)= 30~ - 600V (50/60Hz) Accuracy= $\pm 2.0\%$ + 3 Digit DC Voltage (V)= 30 - 600V Accuracy = $\pm 2.0\%$ + 3 Digit Insulation Resistance (Ω) 1000GΩ/0.5kV ,1000GΩ at 0.5kV - 30TΩ at 15kV Accuracy = $\pm 0.4\%$ + 1 Digit Short Circuit Current up to= 5mA Accuracy = $\pm 0.5\%$ + 1 Digits
13. Merytronic MRT 700 - Underground Cable and Tube Locator	3 Months Interval	<p>MRT-700 TX (Transmitter)</p> <ul style="list-style-type: none"> 3 active tracing frequencies (525Hz – 8 KHz – 32KHz) 2 passive frequencies (50 – 60Hz) 10 Watts Power Output selectable by user <p>MRT-700 RX (Receiver) Measures cable depth and current amplitude</p> <ul style="list-style-type: none"> Discriminates 50Hz conductors Automatic Gain Selection Correct Performance exceeds 10 km in length Maximum 5 mts depth Operation Time >10h Operation Temperature -20°C / +55°C
14. MAC AFRIC 40 M Hand-Held Laser Distance Meter	3 Months Interval	<ul style="list-style-type: none"> Working Temperature= 0°C - 40°C Battery Life=40 000 MAH Max Storage=99 units Accuracy=2 MM Min Distance=50 MM Max Distance=40 M
15. Fluke Ti400 PRO Infrared Camera	3 Months Interval	<ul style="list-style-type: none"> IFOV (spatial resolution) = 1.31 mRad Infrared resolution= 320x240 (76,800 pixels) Field of view= 24 °H x 17 °V Minimum focus distance= 15 cm (approx. 6 in) Optional lenses= 2x telephoto, 4x telephoto, wide angle, macro

		<ul style="list-style-type: none"> • Focus system LaserSharp= Auto Focus for consistently in-focus images, manual focus • Display Touchscreen capacitive 3.5 inch diagonal landscape color VGA (640 x 480) LCD with backlight • Design Rugged, ergonomic design for one-handed use • Thermal sensitivity (NETD) $\leq 0.04\text{ }^{\circ}\text{C}$ at 30 $^{\circ}\text{C}$ target temp (40 mK) • Temperature measurement range -20 $^{\circ}\text{C}$ to +1200 $^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to+2192 $^{\circ}\text{F}$) • Built-in digital camera (visible light) 5 megapixel industrial performance • Frame rate 60 Hz or 9 Hz versions
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16. Schedule of Rates

15.1. Planned Service Rates for every 3rd Month Schedule

Table 2: Service Rates Per Maintenance Schedule (Service rates to be inclusive of Labour, Material and Consumables)

<u>Item No</u>	<u>Measuring Equipment Description</u>	<u>Year 1 Rates:</u>	<u>Year 2 Rates:</u>	<u>Year 3 Rates:</u>
		<u>Rates (Excl. VAT)</u>	<u>Rates (Excl. VAT)</u>	<u>Rates (Excl. VAT)</u>
1.0	<u>Service Rates</u>			
1.1	Major Tech MT24 multimeter	R	R	R
1.2	Major Tech MT770 AC Clamp meter	R	R	R
1.3	Major Tech MT550 Digital Insulation Tester	R	R	R
1.4	Major Tech MT310 Socket Earth Leakage Tester	R	R	R
1.5	Major Tech MT478 LED Voltage Tester	R	R	R
1.6	Fluke 15B+ Digital Multimeter	R	R	R
1.7	Major Tech MT273 Non-Contact Voltage Detector	R	R	R
1.8	Major Tech MT930 Phase Rotation Meter	R	R	R
1.9	Fluke 1000FLT Fluorescent Light Tester	R	R	R
1.10	UL50 BM50 - Pin Pointer	R	R	R
1.11	HVSG1000-16-16kV Portable surge wave generator	R	R	R

1.12	Top Tronic TIN8D 15 kV High Voltage Insulation Tester	R	R	R
1.13	Merytronic MRT 700 - Underground Cable and Tube Locator	R	R	R
1.14	MAC AFRIC 40 M Hand-Held Laser Distance Meter	R	R	R
1.15	Fluke Ti400 PRO Infrared Camera	R	R	R
<u>Totals Per Year (Excl. VAT):</u>		R	R	R

1.1. Repairs Work Rates

Table 3: Breakdowns and Corrective Work Rates

					<u>Year 1 Rates</u>		<u>Year 2 Rates</u>		<u>Year 3 Rates</u>	
<u>Item</u>	<u>Description</u>		<u>Unit</u>	<u>Annual Estimated Quantity</u>	<u>Rate (Excl. VAT)</u>	<u>Amount (Excl. VAT)</u>	<u>Rate (Excl. VAT)</u>	<u>Amount (Excl. VAT)</u>	<u>Rate (Excl. VAT)</u>	<u>Amount (Excl. VAT)</u>
2	Provisional Sum (Material)	Material	Sum	Value	R 100 000.00	R 100 000.00	R 100 000.00	R 100 000.00	R 100 000.00	R 100 000.00
3	Percentage mark-up for materials that are not listed	Material	%	R 100,000.00	%	R	%	R	%	R

4	The Service Provider is to tender their total cost per hour on site per qualified Artisan and an assistant to perform service and repairs during Normal working hours (07:00 – 17:00). This cost shall exclude material, which has previously been dealt with in this schedule.	Artisan	Rate/hour	500 hours	R	R	R	R	R	R
5		General Worker	Rate/hour	500 hours	R	R	R	R	R	R
11	Travel cost		Rate/ km	10000 kilometers	R	R	R	R	R	R
					Year 1 Total (Excl. VAT):	R	Year 2 Total (Excl. VAT):	R	Year 3 Total (Excl. VAT):	R