



City Power Johannesburg

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Johannesburg 2016

[www.citypower.co.za](http://www.citypower.co.za)

**CITY POWER  
JOHANNESBURG**

Bidders are hereby invited for the following RFQ,  
Further details are available from CITY POWER,  
Tender Advice Centre, 40 Heronmere Rd, Reuven, Booysens  
Telephone 011 490-7000, Fax 011 870-3717  
CITY POWER JOHANNESBURG (SOC) LTD.

**ADVERTISEMENT**

**REQUEST FOR QUOTATION: SUPPLY AND DELIVERY OF VOLTMETER: 110 – 750, 0.15A, 2 PRONG  
(5578)**

REQUEST FOR QUOTATION:	11712261
RFQ CLOSING DATE:	19 November 2021
RFQ CLOSING TIME:	11h00am
SITE MEETING:	N/A
TIME FOR SITE MEETING	N/A
VENUE:	Tender Advice Centre
CONTACT PERSON:	Busisiwe Stone

**RFQ DOCUMENTS WILL BE AVAILABLE ON THE WEBSITE  
AS FROM 12 NOVEMBER 2021**

**SUBMISSIONS: QUOTATION BOX, TENDER ADVICE CENTRE**

**40 HERONMERE ROAD REUVEN, BOOYSENS**

**Please DO NOT EMAIL or FAX the submissions**

**Please note:-**

**That we also advertise on our Website:**

**Website Address: [www.citypower.co.za](http://www.citypower.co.za) Available Bid's and RFQ'S**

CP Reference Number: **11712261**  
 Contact Person: Busisiwe Stone  
 Tel: 011 490 7436  
 Fax: 011 870 3717  
 Email: bstone@citypower.co.za

**Company:** .....  
**Attention:** .....  
**Tel:** .....  
**Fax:** .....  
**Email:** .....

You are hereby invited to submit a quotation for the items listed below. Please provide a written quotation to the above named contact person on or before the closing date indicated below. Only quotations, which contain the information listed below, will be accepted. Prices should be shown inclusive of VAT, fixed, and firm. Delivery will be direct to the relevant City Power store.

Item No	Material/Service Description	Estimated Qty (Quantity may change at the time of placing an order)	Price per item (Each)	Total Excl. VAT
5578	Voltmeter; Measurements Range: 110 – 750V; Circuit current for which designed: 0.15A; Type/Model Designation: 2 Prong  <b>NB: COMPLETE ATTACHED SPECIFICATION CP_TSSPEC_262</b>  <b>Note:</b> Ticks, Cross [✓, X], Asterisk [*], Word [Noted or Comply] or TBA ["To Be Advice"] will not be accepted.	200		
N.B: A sample maybe requested before placing an order.			Sub-Total	R
			VAT	R
			Total Incl. VAT	R

<b>Specification: CP_TSSPEC_262</b> <b>Stock Item No. 5578</b>	<b>Fully Compliant to Specification</b> <b>Fully Completed and signed</b>
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**PLEASE SUPPLY THE FOLLOWING DOCUMENTS TO ENABLE US TO EVALUATE YOUR SUBMISSION:**

Returnable documents	Description	Yes/No	
1	Original Valid Tax Clearance Certificate		COMPULSORY
2	Provide a <b>VALID</b> and <b>CERTIFIED</b> B-BBEE Certificate OR Sworn Affidavit ( <b>Please note that the Sworn Affidavit must be compliant as per BBEE Practice Guide 01 of 2018</b> )		
3	Completed and Signed MBD Forms (MBD4, MBD8 & MBD9)		COMPULSORY
4	CSD Supplier Number and Supplier Unique Number		COMPULSORY
5	Rates and taxes not older than 3 months		COMPULSORY

**EVALUATION CRITERIA: 70% THRESHOLD**

1. Technical Evaluation: 70% Threshold		Weight	Score 0 - 10
1.	Specification <b>CP_TSSPEC_262</b> to be completed in full, compliant & signed ( <b>SAP NO. 5578 ONLY</b> ) page 7 - 8  <b>Max score points = 10 points</b> Technical schedule fully completed, compliant and signed = <b>10 points</b> Technical schedule not fully completed, compliant and signed = <b>0 points</b>	40%	
2.	Provide a catalogue and data sheet ( <b>please submit both</b> )  <b>Max score points = 10 points</b> Catalogue and data sheet provided = <b>10 points</b> No catalogue and no data sheet = <b>0 points</b>	40%	
3.	Provide a valid ISO 9001: Certificate from the Manufacturer  <b>Max score points = 10 points</b> ISO 9001 certificate submitted = <b>10 points</b> No ISO 9001 certificate = <b>0 points</b>	20%	

Vendors must supply written quotations that reflect the following information on the quotation:

- Quotation Validity Period:.....
- Delivery period: .....
- Company Name:.....
- Company Registration Number:.....
- VAT Registration Number:.....
- Physical Address:.....
- Contact Person:.....
- Telephone Number:.....
- Fax Number/Email Address:.....
- Company Income Tax Number (i.e. SARS No):.....
- Tax Clearance Certificate Attached or consent for City Power to ascertain from SARS whether your status is in order: \_\_\_\_\_
- Signed disclaimer (Attached to this RFQ): \_\_\_\_\_

**PREFERENCE POINT SYSTEM WILL BE USED FOR VALUE OF BETWEEN R30K AND R200K**

**Points awarded for Price and RDP goals (80/20)**

<b>PRICE</b>	<b>80</b>
<b>BBBEE POINTS</b>	<b>20</b>
<b>TOTAL POINTS</b>	<b>100</b>

**CALCULATION**

**1. THE 80/20 PREFERENCE POINT SYSTEMS**

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

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

Where

$P_s$  = Points scored for price of bid under consideration

$P_t$  = Rand value of bid under consideration

**Disclaimer:** Supplier ( \_\_\_\_\_ ) hereby warrants that he/she/it has:

(Name of supplier)

1. Read, fully understood and hereby accept City Power's standard quotation Terms & Conditions as published on the official City Power website;
2. Submitted a true and accurate declaration of interests reflecting that the supplier has no immediate family relations and that none of its shareholders, directors, managers or stakeholders are in the employ of City Power or the state currently and that no such relatives, shareholders, directors, managers or stakeholders have been so employed in the previous 12 months;
3. Undertakes to complete a fresh declaration of interests should these circumstances have changed as at date of this quotation. (This declaration is obtainable from the City Power's website/ Commodity Managers and the abovementioned contact person).

## 2. Calculation of points for B-BBEE status level of contributor

<b>B-BBEE Status Level of Contributor</b>	<b>Number of points (90/10 system)</b>	<b>Number of points (80/20 system)</b>
1	10	20
2	9	18
3	8	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

Name, Date & Signature of Supplier (Person responsible for the Quote)	Name:	Date
	Signature:	

# DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state<sup>1</sup>.

2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.

3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative:.....

3.2 Identity Number: .....

3.3 Position occupied in the Company (director, trustee, shareholder<sup>2</sup>).....

3.4 Company Registration Number: .....

3.5 Tax Reference Number:.....

3.6 VAT Registration Number: .....

3.7 The names of all directors / trustees / shareholders' members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? YES / NO

3.8.1 If yes, furnish particulars. ....

.....

<sup>1</sup>MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
  - (i) any municipal council;
  - (ii) any provincial legislature; or
  - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

<sup>2</sup> Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

3.9 Have you been in the service of the state for the past twelve months? .....YES / NO

3.9.1 If yes, furnish particulars.....

.....

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? ..... YES / NO

3.10.1 If yes, furnish particulars.

.....  
.....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? YES / NO

3.11.1 If yes, furnish particulars

.....  
.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? YES / NO

3.12.1 If yes, furnish particulars.

.....  
.....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? YES / NO

3.13.1 If yes, furnish particulars.

.....  
.....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract. YES / NO

3.14.1 If yes, furnish particulars:

.....  
.....

4. Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number

.....  
Signature

.....  
Date

.....  
Capacity

.....  
Name of Bidder



**DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
  - a. abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
  - b. been convicted for fraud or corruption during the past five years;
  - c. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
  - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).  <b>The Database of Restricted Suppliers now resides on the National Treasury's website(<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) and can be accessed by clicking on its link at the bottom of the home page.</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? <b>The Register for Tender Defaulters can be accessed on the National Treasury's website (<a href="http://www.treasury.gov.za">www.treasury.gov.za</a>) by clicking on its link at the bottom of the home page.</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

4.3.1	If so, furnish particulars:		
<b>Item</b>	<b>Question</b>	<b>Yes</b>	<b>No</b>
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, furnish particulars:		

#### **CERTIFICATION**

**I, THE UNDERSIGNED (FULL NAME) .....CERTIFY THAT THE INFORMATION FURNISHED ON THE DECLARATION FORM TRUE AND CORRECT. I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.**

.....  
**Signature**

.....  
**Date**

.....  
**Position**

.....  
**Name of Bidder**

# **CERTIFICATE OF INDEPENDENT PROPOSAL DETERMINATION**

I, the undersigned, in submitting the accompanying proposal:

---

(Proposal Number and Description)

in response to the invitation for the proposal made by:

---

(Name of Municipality / Municipal Entity)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_\_\_ that:  
(Name of Bidder)

2. I have read and I understand the contents of this Certificate;
3. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
4. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
5. Each person whose signature appears on the accompanying proposal has been authorized by the bidder to determine the terms of, and to sign, the proposal, on behalf of the bidder;
6. For the purposes of this Certificate and the accompanying proposal, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) have been requested to submit a bid in response to this proposal invitation;
  - (b) could potentially submit a proposal in response to this proposal invitation, based on their qualifications, abilities or experience; and
  - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
7. The bidder has arrived at the accompanying proposal independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.
8. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)

- (c) methods, factors or formulas used to calculate prices;
- (d) the intention or decision to submit or not to submit, a proposal;
- (e) the submission of a proposal which does not meet the specifications and conditions of the proposal; or
- (f) bidding with the intention not to win the proposal.

9. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this proposal invitation relates.

10. The terms of the accompanying proposal 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.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to proposal and contracts, proposal 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.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of Bidder

**CERTIFICATION**

**I, THE UNDERSIGNED (NAME)** .....

**CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS CORRECT.**

**I ACCEPT THAT THE STATE MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.**

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of Bidder



a world class African city



TITLE	SPECIFICATION FOR LOW VOLTAGE TESTERS	REFERENCE	REV
		CP_TSSPEC_262	0
		DATE:	MAY 2018
		PAGE: 1	OF 14

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## **FOREWORD**

Recommendations for corrections, additions or deletions should be addressed to the:

Technology Services General Manager

City Power Johannesburg (SOC) Ltd

P O Box 38766

Booyens

2016

## **INTRODUCTION**

The importance of the safety and reliability of test equipment is crucial in terms of operator safety. It is therefore important to ensure that test equipment complies with the required specifications and is of acceptable quality. In all cases, preference shall be given to the utilisation of voltage detectors in accordance with SANS 61243-3. However, the need for low voltage testers in certain applications has been identified. The use of any tester shall be in accordance with the relevant standards and safe work procedures.

## **1. SCOPE**

This specification covers City Power's requirements for low voltage testers.

## **2. NORMATIVE REFERENCES**

The following documents contain provisions that, through reference in the text, constitute requirements of this specification. At the time of publication, the editions indicated were valid. All standards and specifications are subject to revision, and parties to agreements based on this specification are encouraged to investigate the possibility of applying the most recent editions of the documents listed below.

SANS 61243-3 *Live working – voltage detectors – Part 1: Capacitive type to be used for voltages not exceeding 1 kV AC*

SANS 61010-1, Safety requirements for electrical equipment for measurement, control and laboratory use

SANS 60309 (all parts), *Plugs, socket-outlets and couplers for industrial purposes*

SANS 60320 (all parts), *Appliance couplers for household and similar general purposes*

## **3. DEFINITIONS AND ABBREVIATIONS**

The definitions and abbreviations in the above documents shall apply to this specification.

## **4. REQUIREMENTS**

### **4.1 General**

4.1.1 The low voltage testers shall *generally* comply with SANS 61243-3.

- Voltmeter 2 Prong tester 750 V
- Multimeter 1000V AC/DC
- Insulation Resistance 1000V

4.1.2 The low voltage testers shall be of digital type

4.1.3 The safety requirements for the following types of electrical equipment and their accessories, wherever they are intended to be used shall be according to SANS 61010-1.

4.1.4 They shall have a safety rating of category 3, as they measure up to 1000V.

4.1.5 The low voltage testers shall be suitable for detecting and indicating the presence of nominal voltages of up to 1000V, shall be rated for use at 1000 V. The testers shall be supplied as a single device (i.e. one detector to test the full range of voltages required).

4.1.6 The testers shall have a voltage range selector.



- 4.1.7 The testers shall indicate the presence of voltage and shall have visual indication of the presence of voltage.
- 4.1.8 The voltage testers shall be battery-operated and have a self-diagnostic facility to check the status of the battery as well as correct operation of the unit.
- 4.1.9 If required, a test unit shall be supplied so that the correct operation of the unit can be verified.
- 4.1.10 The testers shall be physically small as the testers shall be used as personal testers. They shall preferably be of a size that enables them to be carried on a worker's belt.
- 4.1.11 The battery used shall be a standard cell which is readily and commercially available.

## **5. TESTS**

The testers shall have been tested in accordance with the requirements of SANS 61243-3

Safety ratings according to SANS 61010-1 for category 111 installation up to 1000V shall be provided

Manufacturer's warranty and manual guide shall be provided upon delivery of the equipment.

## **6. MARKING AND PACKAGING**

- 6.1 In addition to the requirements of SANS 61243-3 the live testers shall be marked with the nominal voltage(s) for which they are designed.
- 6.2 All units shall be supplied with a protective carrying case to ensure mechanical protection of the device during transport.
- 6.3 Each unit shall be supplied with a comprehensive user manual.

## **7. DOCUMENTATION**

- 7.1 Detailed test reports confirming compliance with SANS 61243-3 shall be provided.
- 7.2 In addition to the documentation required above, full technical information relating to the performance, construction, operation, etc of the testers shall be supplied.

## **8. TRAINING**

- 8.1 The following certified training course shall be offered for City Power's staff:
- a) Operating and use of the testers.
- 8.2 The associated costs for the certified training course in 8.1 shall be given per person and shall be fixed for the period of the contract.

## **9. QUALITY ASSURANCE**

A quality management plan shall be set up in order to assure the proper quality management of the low voltage testers during design, development, production, installation and servicing phases. Guidance on the requirements for a quality management plan may be found in the ISO 9001. The details shall be subject to agreement between City Power and Supplier.

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**ANNEXURE A - BIBLIOGRAPHY**

None

**ANNEXURE B - REVISION INFORMATION**

JUNE 2018

0

First issue

**TECHNICAL SCHEDULE A and B**

**ITEM 1- VOLTMETER: 110V-750V, 0.15A, 2 PRONG SAP (5578)**

**Schedule A: Purchaser's specific requirements**

**Schedule B: Guarantees and technical particulars of equipment offered**

Item	Sub-clause of CP_TSSPEC_262	Description	Schedule A	Schedule B
1		Name of manufacturer	XXXX	
2		Place of manufacture	XXXX	
3		Manufacturer's identification reference	XXXX	
4	4.1.1	Specification to which Voltmeter 2 Prong testers comply	SANS 61243-3	
5	4.1.2	Nominal system voltage	V 110 - 750, 2 Prong	
6	4.1.2	Rated voltage of testers	V 750	
7	4.1.3	Voltage range selector	Yes/No Yes	
8	4.1.4	Insulating testing leads attachment	Yes/No Yes	
9	4.1.5	Application suitability	Yes/No Yes	
10	4.1.5	Voltage indication	Visual	
11	4.1.7	Functionality check	Self- diagnostic	
12	7	Documentation supplied?	Yes/No Yes	
13	6	Marking as per clause 6	Yes/No Yes	
14	6	Packing as per clause 6	Yes/No Yes	

**Note: Ticks, Cross [✓, X], Astrick [\*], Word [Noted] or TBA ["To Be Advice"] will not be accepted**

Tender Number: \_\_\_\_\_

Tenderer's Authorised Signatory: \_\_\_\_\_

Name in block letters

Signature

Full name of company: \_\_\_\_\_

**TECHNICAL SCHEDULE A and B**

**ITEM 1- VOLTMETER: 110-750, 0.15A, 2 PRONG SAP (5578)**

**DEVIATION SCHEDULE**

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Clause	Proposed deviation

**Note: Ticks, Cross [√, X], Astrick [\*], Word [Noted] or TBA ["To Be Advice"] will not be accepted**

Tender Number: \_\_\_\_\_

Tenderer's Authorised Signatory: \_\_\_\_\_  
Name in block letters Signature

Full name of company: \_\_\_\_\_

**TECHNICAL SCHEDULE A and B**

**ITEM 2- MULTIMETER: 1000V AC/DC VOLTAGE, 10A AC/DC CURRENT  
TESTER SAP (4071)**

**Schedule A: Purchaser's specific requirements**

**Schedule B: Guarantees and technical particulars of equipment offered**

Item	Sub-clause of CP_TSSPEC_262	Description	Schedule A	Schedule B
1		Name of manufacturer	XXXX	
2		Type of Meter required	Digital	
3		Place of manufacture	XXXX	
4		Manufacturer's identification reference	XXXX	
5	4.1.1	Specification to which Multimeter 2 leads testers comply	SANS 61243-3	
6	4.1.2	Nominal system voltage V	1000 AC/DC,	
		Norminal system current	10A AC/DC	
7	4.1.2	Rated voltage of testers V	1000	
8	4.1.3	Voltage range selector Yes/No	Yes	
9	4.1.4	Insulating testing leads attachment Yes/No	Yes	
10	4.1.5	Application suitability Yes/No	Yes	
11	4.1.5	Voltage indication	Visual	
12	4.1.7	Functionality check	Self- diagnostic	
13	7	Documentation supplied? Yes/No	Yes	
14	6	Marking as per clause 6 Yes/No	Yes	
15	6	Packing as per clause 6 Yes/No	Yes	

**Note: Ticks, Cross [√, X], Astrick [\*], Word [Noted] or TBA ["To Be Advice"] will not be accepted**

Tender Number: \_\_\_\_\_

Tenderer's Authorised Signatory: \_\_\_\_\_

Name in block letters

Signature

Full name of company: \_\_\_\_\_

**TECHNICAL SCHEDULE A and B**

**ITEM 2- MULTIMETER: 1000V AC/DC VOLTAGE, 10A AC/DC CURRENT TESTER  
SAP (4071)**

**DEVIATION SCHEDULE**

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Clause	Proposed deviation

**Note: Ticks, Cross [√, X], Astrick [\*], Word [Noted] or TBA ["To Be Advice"] will not be accepted**

Tender Number: \_\_\_\_\_

Tenderer's Authorised Signatory: \_\_\_\_\_  
Name in block letters Signature

Full name of company: \_\_\_\_\_

**TECHNICAL SCHEDULE A and B**

**ITEM 3- 1 KV DIGITAL INSULATION TESTER SAP (4072)**

**Schedule A: Purchaser's specific requirements**

**Schedule B: Guarantees and technical particulars of equipment offered**

Item	Sub-clause of CP_TSSPEC_262	Description	Schedule A	Schedule B
1		Name of manufacturer	XXXX	
2		Type of test meter required	Digital	
3		Place of manufacture	XXXX	
4		Manufacturer's identification reference	XXXX	
5	4.1.1	Specification to which Insulation comply	SANS 61243-3	
6	4.1.2	Nominal test voltage	V 250,500, 1000 (ac/d.c.)	
		Measuring Range	10 kΩ -999 MΩ	
		Short Circuit Current	1.5mA	
		Test current on load	1 mA	
		Accuracy (at 20 °C): ±3%, ±2 digits up to 10 MΩ, ±5% up to 100 MΩ, ±30% up to full scale	10 MΩ 100 MΩ	
7	4.1.2	Continuity to 100 Ω	100 Ω	
		Continuity buzzer	YES	
8	4.1.3	Adjustable buzzer	1 to 20 Ω	
9	4.1.4	Voltage Measurement AC/DC:	1000	
10	4.1.5	Default voltmeter	XXXX	
		Backlit display	Yes/No	Yes
		Backlight selector ranges	Yes/No	Yes
		Locking test button	Yes/No	Yes
		Auto powerdown	Yes/No	Yes
		IP weatherproof	54	
		Accepts rechargeable batteries	XXXX	
11	4.1.5	Voltage indication	Visual	
12	4.1.7	Functionality check	Self- diagnostic	



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13	7	Documentation supplied?	Yes/No	Yes	
14	6	Marking as per clause 6	Yes/No	Yes	
15	6	Packing as per clause 6	Yes/No	Yes	

**Note: Ticks, Cross [✓, X], Astrick [\*], Word [Noted] or TBA ["To Be Advice"] will not be accepted**

Tender Number: \_\_\_\_\_

Tenderer's Authorised Signatory: \_\_\_\_\_  
Name in block letters Signature

Full name of company: \_\_\_\_\_

**TECHNICAL SCHEDULE A and B**

**ITEM 3- 1 KV DIGITAL INSULATION TESTER SAP (4072)**

**DEVIATION SCHEDULE**

Any deviations offered to this specification shall be listed below with reasons for deviation. In addition, evidence shall be provided that the proposed deviation will at least be more cost-effective than that specified by City Power.

Item	Clause	Proposed deviation

**Note: Ticks, Cross [√, X], Astrick [\*], Word [Noted] or TBA ["To Be Advice"] will not be accepted**

Tender Number: \_\_\_\_\_

Tenderer's Authorised Signatory: \_\_\_\_\_  
Name in block letters Signature

Full name of company: \_\_\_\_\_

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**ANNEXURE D – STOCK ITEMS**

**Material Group: Test Equipment**

Item	SAP No.	SAP Short Description	SAP Long Description
1	5578	VOLTMETER:110-750,0.15A, 2 PRONG	VOLTMETER; MEASUREMETS RANGE: 110 – 750V; CIRCUIT CURRENT FOR WHICH DESIGNED: 0.15A;Type/Model DESIGNATION: 2PRONG.ITEMSPECIFICATION. CP_TSSPEC_262
2	4071	MULTIMETER:1000V AC/DC V, 10A AC/DC A	MULTITMETER; MEASUREMETS RANGE: MAXIMUM 1000V; CIRCUIT CURRENT FOR WHICHDESIGNED:10A:ITEM SPECIFICATION. CP_TSSPEC_262
3	4072	1 KV INSULATION CONTI TESTER 10 kΩ - 999 MΩ	1 KV INSULATION MEASUREMENT RANGE, CIRCUIT RESISTANCE FOR WHICH DESIGNED: 10 KILO OHM - 999 MEGA OHM: ITEM SPECIFICATION. CP_TSSPEC_262