



City Power Johannesburg

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**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, Booyens
Telephone 011 490-7000, Fax 011 490-7765/011 870-3688
CITY POWER JOHANNESBURG (PTY) LTD.

ADVERTISEMENT

REQUEST FOR QUOTATION FOR THE SUPPLY & DELIVERY OF PVC INSULATION TAPES

SITE MEETING VENUE:	N/A
SITE MEETING TIME:	N/A
DATE OF SITE VISIT:	N/A
RFQ CLOSING DATE:	28 October 2019
RFQ CLOSING TIME:	11h00
CONTACT PERSONS	Betheya Ntini

**RFQ DOCUMENTS WILL BE AVAILABLE ON THE WEBSITE
AS FROM 22 OCTOBER 2019**

40 HERONMERE ROAD REUVEN, BOOYSENS

SUBMISSIONS: QUOTATION BOX, TENDER ADVICE CENTRE

PLEASE NOTE: That we also advertise on our website. Website address: www.citypower.co.za available
Bid's and RFQ'S

Request for Quotations

Supply Chain Management

Finance Group
 CP Reference Number: PR 11227720
 Date: 28/08/2019
 Contact Person: Betheya Ntini
 Tel: +27 11 490 7455
 Fax: +27 11 870 3856
 Email: bntini@citypower.co.za

Delivery Address

40 Heronmere Road
 Rueven
 Johannesburg

Company name:

Attention:

Tel:

Fax:

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 both exclusive and inclusive of VAT and fixed and firm. Delivery will be direct to the relevant City Power store.

Item	SAP Short Description	ESTIMATED QUANTITY	UNIT PRICE	TOTAL PRICE
5953	TAPE PVC TYPE B RED	500		
391	TAPE PVC TYPE B YELLOW	500		
392	TAPE PVC TYPE B BLUE	500		
5748	TAPE PUTTY 1,5M X 38MM	200		
6059	TAPE PVC TYPE B BLACK	500		
<p>NB: COMPLETE ATTACHED SPECIFICATION FOR 391, 392, 6059, & 5953 COMPLETE ATTACHED SPECIFICATION FOR 5748</p> <p>Note: Ticks, Cross [√, X], Asterisk [*], Word [Noted or Comply] or TBA ["To Be Advice"] will not be accepted</p>				
			SUB TOTAL	
			VAT	
			TOTAL	

NB:
Specification must be fully COMPLETED, 100% COMPLIANT and ATTACHED to the submission: Failure will result in quote reviewed as NON-RESPONSIVE and will not be evaluated any further.

<p>Specification: CP_TSSPEC_046 Stock Item No. 391, 392 , 6059 ,6017 and 5953</p>	<p>Fully Compliant to Specification Fully Completed and signed</p>
<p>Specification: CP_TSSPEC_047 Stock item No: 5748</p>	<p>Fully Compliant to Specification Fully Completed and signed</p>

Should you need assistance or clarification with the completion of Specification document, please do not hesitate to call or send an email through.

NB: Bidders will be requested to submit samples of the above prior to placement of a purchase order for testing purposes. If equipment does not comply, it will be disqualified.

EVALUATION CRITERIA

1. Technical Evaluation: 70% Threshold		Weight	Score 0 - 10
1.	<p>Specification CP_TSSPEC_046 to be completed in full & signed (SAP NO: 391 , 392, 6059, & 5953)</p> <p>Specification: CP_TSSPEC_047 to be completed in full & signed Stock item No: 5748</p> <p>Max score points = 10 points Technical schedule fully completed and signed = 10 points Technical schedule not fully completed and signed = 0 points</p>	40%	
2.	<p>Submit a complete type-test report</p> <p>Max score points =10 points Submit a complete type-test report =10 points No type test report=0 points</p>	40%	
3.	<p>Provide a valid ISO 9001: Certificate</p> <p>Max score points =10 points ISO certificate submitted = 10 points No ISO certificate = 0 points</p>	20%	

Closing date and time for submission of quotation: 28/10/2019@ 11h00

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 SARS Pin for City Power to ascertain from SARS whether your status is in order: _____
- Signed disclaimer (Attached to this RFQ): _____

Please supply the following documents to enable us to evaluate your submission:

- 1. Valid Tax Clearance Certificate (SARS PIN)**
- 2. Valid BBBEE Certificate**
- 3. Signed Declaration of Interest form (MBD 4)**
- 4. Certificate of Independent Proposal Determination (MBD 9)**
- 5. CSD Supplier Number**

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

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	16
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

CP Reference Number:

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).

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

PLEASE SUPPLY THE FOLLOWING DOCUMENTS TO ENABLE US TO EVALUATE YOUR SUBMISSION:

- 1. VALID TAX CLEARANCE CERTIFICATE**
- 2. VALID BBBEE CERTIFICATE/ SWORN AFFIDAVIT**
- 3. SIGNED DECLARATION OF INTEREST FORM (MBD4)**
- 4. CERTIFICATE OF INDEPENDENT PROPOSAL DETERMINATION (MBD9)**

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state*.
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 and/or take an oath declaring his/her interest.

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

3.1 Full Name:

3.2 Identity Number:

3.3 Company Registration Number:

3.4 Tax Reference Number:

3.5 VAT Registration Number:

3.6 Are you presently in the service of the state* **YES / NO**

3.6.1 If so, furnish particulars.

.....

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

.....

* 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.

3.8 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**

3.8.1 If so, furnish particulars.

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

3.9 Are you, aware of any relationship (family, friend, other) between a 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**

3.9.1 If so, furnish particulars

.....
.....

3.10 Are any of the company's directors, managers, principal shareholders or stakeholders in service of the state? **YES / NO**

3.10.1 If so, furnish particulars.

.....
.....

3.11 Are any spouse, child or parent of the company's directors, managers, principal shareholders or stakeholders in service of the state? **YES / NO**

3.11.1 If so, furnish particulars.

.....
.....

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

CERTIFICATE OF INDEPENDENT PROPOSAL DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all proposals¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the proposal of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when proposal are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Proposal Determination (MBD 9) must be completed and submitted with the proposal:

¹ Includes price quotations, advertised competitive proposals, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

³ 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.

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 consortium³ 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



a world class African city



TITLE **SPECIFICATION FOR PVC
ADHESIVE TAPES**

REFERENCE **CP_TSSPEC_046** REV **2**
DATE: **JUNE 2011**
PAGE: **1** OF **25**

TABLE OF CONTENTS

	Page
FOREWORD	3
INTRODUCTION	4
1 SCOPE	4
2 NORMATIVE REFERENCES	4
3 DEFINITIONS AND ABBREVIATIONS	4
4 CONSTRUCTIONAL REQUIREMENTS	4
4.1 General	4
4.2 Type	4
4.3 Finish	5
4.4 Colour	5
4.5 Dimensions	5
5 ELECTRICAL REQUIREMENTS	5
5.1 Breaking strength and elongation	5
5.2 Adhesion strength	5
5.3 Breakdown voltage	5
5.4 Insulation resistance	6
5.5 Heat resistance	6
6 TESTS	6
6.1 Type test	6
6.2 Routine test (Inspection)	6
7 MARKING, PACKING AND DOCUMENTATION	6
7.1 Marking	6
7.2 Packing	6
7.3 Documentation	6
8 QUALITY MANAGEMENT	7

**SPECIFICATION FOR PVC ADHESIVE
TAPES**

REFERENCE

REV

CP_TSSPEC_046

2

PAGE

2

OF

25

ANNEX A - Bibliography.....	8
ANNEX B - Revision information	9
ANNEX C – Item 1: TAPE PVC TYPE B RED – SAP. NO. 5953.....	10
ANNEX C – Item 2: TAPE PVC TYPE B YELLOW – SAP. NO. 391	13
ANNEX C – Item 3: TAPE PVC TYPE B BLUE – SAP. NO. 392	16
ANNEX C – Item 4: TAPE PVC TYPE B BLACK – SAP. NO. 6059.....	19
ANNEX C – Item 5: TAPE PVC TYPE B GREEN – SAP. NO. 6017	22
ANNEX D – Stock Items	25

FOREWORD

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

Technology Services Manager
City Power Johannesburg (Pty) Ltd
P O Box 38766
Booyens
2016

INTRODUCTION

This specification covers insulating tapes for binding and insulating purposes where good electrical insulating properties are required.

1 SCOPE

This specification covers City Power's requirements for pressure-sensitive adhesive tapes.

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 122 Pressure-sensitive adhesive tapes for electrical purposes.

BS 3924 Pressure-sensitive adhesive tapes for electrical purposes.

UL 510 Standard for Polyvinyl Chloride, Polyethylene, and Rubber Insulating Tape.

3 DEFINITIONS AND ABBREVIATIONS

For the purpose of this specification the definitions, as per SANS 122 for pressure-sensitive adhesive tapes shall apply.

4 CONSTRUCTIONAL REQUIREMENTS

4.1 General

The tape shall preferably comply with SANS 122, but alternatively BS 3924 or UL 510 shall also be considered.

4.2 Type

The pressure-sensitive adhesive tape shall:

- a) Be of the finest polyvinyl chloride (PVC) film.
- b) Bear the SANS 122 mark of approval or alternative as per 4.1 above on the protective wrapping.

Note: Only type B tapes, suitable for use where the working temperature does not exceed 90°C, are required.

4.3 Finish

4.3.1 Each roll of tape shall be free from telescoping and distortion.

4.3.2 The edges of the tape shall be straight and unbroken.

4.3.3 The tape shall be smooth, uniform and free from any lumps and bare spots when unrolled.

4.4 Colour

The colour of the tapes shall be:

- a) Red,
- b) Yellow,
- c) Blue,
- d) Black, and
- e) Green.

4.5 Dimensions

4.5.1 The core shall be wound on an acceptable core having a 30mm nominal internal diameter.

4.5.2 The nominal width of the tape shall be 19 mm.

4.5.3 The tape shall have a nominal length of 20 m.

4.5.4 The nominal thickness of the tape shall be 160 μm .

5 ELECTRICAL REQUIREMENTS

5.1 Breaking strength and elongation

The tape shall have a minimum breaking strength of 2,6 N/mm of the width, having a 120% elongation of the original length for a 160 μm thickness of tape under standard test conditions.

5.2 Adhesion strength

5.2.1 The adhesion to steel shall be at least 190 N/mm of the width of the tape under standard test conditions.

5.2.2 Adhesion to the backing shall be at least 170 N/mm of the width of the tape under standard test conditions.

5.3. Breakdown voltage

The tape, of nominal thickness of 160 μm , shall have a minimum breakdown voltage of 7,4 kV under standard test conditions.

5.4 Insulation resistance

The insulation resistance of the tape shall be at least 100 000 MΩ per 25 mm width of tape under standard test conditions.

Note: *The insulation resistance of the tape is an indirect measurement of electrolytic corrosion caused by the tape.*

5.5 Heat resistance

When tested under the standard test conditions, the type B tape shall show no sign of cracking after flexing.

6 TESTS

6.1 Type test

The type test shall comply with the requirements of SANS 122.

6.2 Routine test (Inspection)

The routine inspection test shall comply with SANS 122.

7 MARKING, PACKING AND DOCUMENTATION

7.1 Marking

7.1.1 The marking of the tapes shall comply with the requirements of SANS 122.

7.1.2 The core of the tape shall be clearly and indelibly marked with:

- a) Brand name or trade mark, and
- b) Catalogue number.

7.1.3 City Power's SAP number shall be clearly shown on the label.

7.2 Packing

The packing shall comply with the requirements of SANS 122.

7.3 Documentation

7.3.1 Documentation shall be submitted in a technical catalogue format.

7.3.2 The technical catalogue shall specify the sizes, dimensions, reference numbers, and if applicable, the complete range of other products and accessories available.

8 QUALITY MANAGEMENT

- 8.1 The supplier (deemed to be an organization that undertakes any manufacturing or assembly operation) shall have a formally documented and implemented quality management system (QMS) that, as a minimum meets with the requirements of the international code of practice for quality systems ISO 9000. City Power reserves the right to audit quality management systems for suitability and effectiveness and to verify all goods for conformance prior to delivery.
- 8.2 Foreign and third party manufacturers shall, in addition, hold valid certification of their quality management system. Such certification shall be from a national quality systems certification body (Registrar), duly accredited by a QMS accreditation body, which is signatory to a mutual recognition agreement with South Africa.

ANNEX A - Bibliography

None

ANNEX B - Revision information

DATE	REV. NO.	NOTES
Nov. 2002	0	First issue
Jan. 2005	1	Clause 2. Normative reference SANS 122. Clause 3. SANS 122. Clause 4.1. SANS 122. Clause 4.2(b). SANS 122. Clause 6.1. SANS 122. Clause 6.2. SANS 122. Clause 7.1.1. SANS 122. Clause 7.2. SANS 122. Clause 8. Quality Management. Annex C. Add schedules for all tapes.
June 2011	2	Format changes Introduction reworded Additional technical schedule items included

ANNEX C – Item 1: TAPE PVC TYPE B RED – SAP. NO. 5953

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered

Item	Subclause of CP_TSSPEC_046	Description	Schedule A	Schedule B
1	4.1	Comply to SANS 122	Yes	
2	4.2	Is this a type B tape?	Yes	
3		Diameter of core (mm)	30 nom	
4		Width (mm)	19	
5		Length (m)	20	
6		Thickness (mm)	0,18	
7		Breaking strength (N/mm width)	2,9	
8		Elongation at break (% min)	120	
		Adhesion strength (mN/mm)		
		a)Adhesion to steel , min	190	
		b)Adhesion to backing , min	170	
9		Copper corrosion test – no discoloration	Required	
10		Insulation resistance (Ω /25mm of width - min)	Required	
11		Electrical breakdown voltage (8 kV/min)	Required	
12		Resistance to flame propagation	Required	
13		Resistance to adhesive transfer	Required	
14		Heat resistance – no cracking	Required	
15	6	Type test report supplied with tender	Yes	
16	7.1	Do the markings comply with the specification?	Yes	

**SPECIFICATION FOR PVC ADHESIVE
TAPES**

REFERENCE REV
CP_TSSPEC_046 **2**
PAGE 11 OF 25

17	7.3	Technical catalogue supplied with tender	Yes	
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Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

Item 1: TAPE PVC TYPE B RED – SAP. NO. 5953

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	Subclause of CP_TSSPEC_046	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

ANNEX C – Item 2: TAPE PVC TYPE B YELLOW – SAP. NO. 391

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered

Item	Subclause of CP_TSSPEC_046	Description	Schedule A	Schedule B
1	4.1	Comply to SANS 122	Yes	
2	4.2	Is this a type B tape?	Yes	
3		Diameter of core (mm)	30 nom	
4		Width (mm)	19	
5		Length (m)	20	
6		Thickness (mm)	0,18	
7		Breaking strength (N/mm width	2,9	
8		Elongation at break (% min)	120	
		Adhesion strength (mN/mm)		
		c)Adhesion to steel , min	190	
		d)Adhesion to backing , min	170	
9		Copper corrosion test – no discoloration	Required	
10		Insulation resistance (Ω /25mm of width - min)	Required	
11		Electrical breakdown voltage (8 kV/min)	Required	
12		Resistance to flame propagation	Required	
13		Resistance to adhesive transfer	Required	
14		Heat resistance – no cracking	Required	
15	6	Type test report supplied with tender	Yes	
16	7.1	Do the markings comply with the specification?	Yes	

**SPECIFICATION FOR PVC ADHESIVE
TAPES**

REFERENCE

REV

CP_TSSPEC_046

2

PAGE

14

OF

25

17	7.3	Technical catalogue supplied with tender	Yes	
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Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

Item 2: TAPE PVC TYPE B YELLOW – SAP. NO. 391

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	Subclause of CP_TSSPEC_046	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

ANNEX C – Item 3: TAPE PVC TYPE B BLUE – SAP. NO. 392

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered

Item	Subclause of CP_TSSPEC_046	Description	Schedule A	Schedule B
1	4.1	Comply to SANS 122	Yes	
2	4.2	Is this a type B tape?	Yes	
3		Diameter of core (mm)	30 nom	
4		Width (mm)	19	
5		Length (m)	20	
6		Thickness (mm)	0,18	
7		Breaking strength (N/mm width)	2,9	
8		Elongation at break (% min)	120	
		Adhesion strength (mN/mm)		
		e)Adhesion to steel , min	190	
		f)Adhesion to backing , min	170	
9		Copper corrosion test – no discoloration	Required	
10		Insulation resistance (Ω /25mm of width - min)	Required	
11		Electrical breakdown voltage (8 kV/min)	Required	
12		Resistance to flame propagation	Required	
13		Resistance to adhesive transfer	Required	
14		Heat resistance – no cracking	Required	
15	6	Type test report supplied with tender	Yes	
16	7.1	Do the markings comply with the specification?	Yes	

**SPECIFICATION FOR PVC ADHESIVE
TAPES**

REFERENCE REV
CP_TSSPEC_046 **2**
PAGE 17 OF 25

17	7.3	Technical catalogue supplied with tender	Yes	
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Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

Item 3: TAPE PVC TYPE B BLUE – SAP. NO. 392

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	Subclause of CP_TSSPEC_046	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

ANNEX C – Item 4: TAPE PVC TYPE B BLACK – SAP. NO. 6059

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered

Item	Subclause of CP_TSSPEC_046	Description	Schedule A	Schedule B
1	4.1	Comply to SANS 122	Yes	
2	4.2	Is this a type B tape?	Yes	
3		Diameter of core (mm)	30 nom	
4		Width (mm)	19	
5		Length (m)	20	
6		Thickness (mm)	0,18	
7		Breaking strength (N/mm width)	2,9	
8		Elongation at break (% min)	120	
		Adhesion strength (mN/mm)		
		g)Adhesion to steel , min	190	
		h)Adhesion to backing , min	170	
9		Copper corrosion test – no discoloration	Required	
10		Insulation resistance (Ω /25mm of width - min)	Required	
11		Electrical breakdown voltage (8 kV/min)	Required	
12		Resistance to flame propagation	Required	
13		Resistance to adhesive transfer	Required	
14		Heat resistance – no cracking	Required	
15	6	Type test report supplied with tender	Yes	
16	7.1	Do the markings comply with the specification?	Yes	

**SPECIFICATION FOR PVC ADHESIVE
TAPES**

REFERENCE

REV

CP_TSSPEC_046

2

PAGE

20

OF

25

17	7.3	Technical catalogue supplied with tender	Yes	
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Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

Item 4: TAPE PVC TYPE B BLACK – SAP. NO. 6059

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	Subclause of CP_TSSPEC_046	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

ANNEX C – Item 5: TAPE PVC TYPE B GREEN – SAP. NO. 6017

Schedule A: Purchaser's specific requirements

Schedule B: Guarantees and technical particulars of equipment offered

Item	Subclause of CP_TSSPEC_046	Description	Schedule A	Schedule B
1	4.1	Comply to SANS 122	Yes	
2	4.2	Is this a type B tape?	Yes	
3		Diameter of core (mm)	30 nom	
4		Width (mm)	19	
5		Length (m)	20	
6		Thickness (mm)	0,18	
7		Breaking strength (N/mm width)	2,9	
8		Elongation at break (% min)	120	
		Adhesion strength (mN/mm)		
		i)Adhesion to steel , min	190	
		j)Adhesion to backing , min	170	
9		Copper corrosion test – no discoloration	Required	
10		Insulation resistance (Ω /25mm of width - min)	Required	
11		Electrical breakdown voltage (8 kV/min)	Required	
12		Resistance to flame propagation	Required	
13		Resistance to adhesive transfer	Required	
14		Heat resistance – no cracking	Required	
15	6	Type test report supplied with tender	Yes	
16	7.1	Do the markings comply with the specification?	Yes	

**SPECIFICATION FOR PVC ADHESIVE
TAPES**

REFERENCE

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CP_TSSPEC_046

2

PAGE

23

OF

25

17	7.3	Technical catalogue supplied with tender	Yes	
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Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

Item 5: TAPE PVC TYPE B GREEN – SAP. NO. 6017

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	Subclause of CP_TSSPEC_046	Proposed deviation

Tender Number: _____

Tenderer's Authorised Signatory: _____
Name in block letters Signature

Full name of company: _____

ANNEX D – Stock Items

Material Group : CONT-TAPE

Item	SAP No.	SAP Short Description	SAP Long Description
1	5953	TAPE PVC TYPE B RED	TAPE, ADHESIVE, POLYVINYL CHLORIDE, 20M X 19MM, TYPE B, RED, FOR INSULATING PURPOSE, ITEM SPECIFICATION NO. CP_TSSPEC_046
2	391	TAPE PVC TYPE B YELLOW	TAPE, ADHESIVE, POLYVINYL CHLORIDE, 20M X 19MM, TYPE B, YELLOW, FOR INSULATING PURPOSE, ITEM SPECIFICATION NO. CP_TSSPEC_046
3	392	TAPE PVC TYPE B BLUE	TAPE, ADHESIVE, POLYVINYL CHLORIDE, 20M X 19MM, TYPE B, BLUE, FOR INSULATING PURPOSE, ITEM SPECIFICATION NO. CP_TSSPEC_046
4	6059	TAPE PVC TYPE B BLACK	TAPE, ADHESIVE, POLYVINYL CHLORIDE, 20M X 19MM, TYPE B, BLACK, FOR INSULATING PURPOSE, ITEM SPECIFICATION NO. CP_TSSPEC_046
5	6017	TAPE PVC TYPE B GREEN	TAPE, ADHESIVE, POLYVINYL CHLORIDE, 20M X 19MM, TYPE B, GREEN, FOR INSULATING PURPOSE, ITEM SPECIFICATION NO. CP_TSSPEC_046