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, Booysens Telephone 011 490-7000, Fax 011 870-3717 CITY POWER JOHANNESBURG (SOC) LTD.

ADVERTISEMENT

REQUEST FOR QUOTATION: SUPPLY & DELIVERY OF BUSBAR - 11440

REQUEST FOR QUOTATION: RFQ CLOSING DATE: RFQ CLOSING TIME: VENUE: CONTACT PERSON: 11711350 19 November 2021 11h00 City Power – Tender Advice Centre Katlego Nnete

Should you not receive an official Purchase Order from City Power within a period of fourteen (14) days from date of closing, consider your Request for Quotation unsuccessful

RFQ DOCUMENTS WILL BE AVAILABLE ON SITE AND 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 (RFQ's)

Please note:-That we also advertise on our Website: Website Address: <u>www.citypower.co.za</u> Available Bid's and RFQ'S CP Reference Number: Contact Person: Katlego Nnete Tel: (011) 490-7681 Email: <u>knnete@citypower.co.za</u>

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 and fixed and firm. Delivery will be direct to the relevant City Power store.

Item No.	Description	Estimated Qty	Unit Price	Total
11440	BUSBAR, COPPER, 50 MM X 6 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062	15		
	SUB TOTAL			
	VAT			
	TOTAL			

Closing date and time for submission of quotation: 19/11/2021 @ 11h00

NB:

- Specification must be fully completed, 100% Compliant and attached to the submission
- Samples may be requested as part of evaluation.

NOTE:

- WHEN SUBMITTING RFQ DO NOT SUBMIT SAMPLE, THEY WILL BE REQUESTED ON THE EVALUATION STAGE
- CITY POWER QUANTITIES MUST NOT BE TEMPERED WITH BY ANY SUPPLIER

FAILURE TO COMPPLY WITH THE ABOVE REQUEST, WILL RESULT IN QUOTE REVIEWED AS NON-RESPONSIVE AND WILL NOT BE EVALUATED ANY FURTHER.

	Fully Compliant to Specification
Specification: CP_TSSPEC_062	Fully Completed and signed
	Test Reports must be submitted with the quotation (ALL REQUIRED
	DOCUMENTS TO BE ATTACHED)

PLEASE NOTE THE ESTIMATED QUANTITY MIGHT CHANGE UPON AWARD!!

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:

- Signed disclaimer (Attached to this RFQ):______

EVALUATION CRITERIA

MINIMUM THRESHOLD OF 80% ON TECHNICAL FUNCTIONALITY MUST BE ACHIEVED FAILING WHICH, THE BID WILL NOT BE FURTHER EVALUATION

	REQUEST FOR QUOTATION	
	age Evaluation: A minimum threshold of 80% must be achieved to proceed to the 2 nd Stage	Evaluation
Evalu	ation will be done on a relationship to the weighting on a scale of 0 to 10	
	1 st Stage Evaluation	
Techn	nical Evaluation:	Weight
	Technical schedule to be fully completed, compliant and signed	
1.		40
	Max score points = 10 points	40
	Technical schedule fully completed, compliant and signed = 10 points	
	Technical schedule not fully completed and signed = 0 points	
2.	Submit a complete type-test report	
Ζ.		40
	Max score points = 10 points	40
	Submit a complete type-test report according to the specification tendering for =	
	10 points	
_	Incomplete type test report = 0 points	
3.	Provide proof of a valid ISO 9001 certificate from the manufacturer	
	Max score points = 10 points	20
	ISO certificate submitted = 10 points	
	No ISO certificate = 0 points	
	Total	100
	2 nd Stage Evaluation	
PRICE		80
B-BBB	E	20

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

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

PRICE	80
BBBEE POINTS	20
TOTAL POINTS	100

CALCULATION

1. THE 80/20 PREFERENCE POINT SYSTEMS

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

$$Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right)$$

Where

Ps = Points scored for price 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-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	8	16
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	Name:	Date:
(Person responsible for the Quote)	Signature:	

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

- 1. Valid Tax Clearance Certificate (SARS PIN)
- 2. Valid BBBEE Certificate / Sworn Affidavit B-BBEE Exempted Micro Enterprise (PLEASE NOTE THAT THE SWORN AFFIDAVIT MUST BE COMPLIANT AS PER BBBEE PRACTICE GUIDE 01 OF 2018, NON-COMPLIANT AFFIDAVIT WILL BE DISQUALIFIED)
- 3. Signed Declaration of Interest form (MBD 4)
- 4. Certificate of Independent Proposal Determination (MBD 9)
- 5. Declaration of Bidder's Past Supply Chain Management Practices (MBD 8)
- 6. Proof of CSD registration/MAAA Supplier Number

NB: Failure to submit the above mentioned documents will result in your quotation being regarded as nonresponsive

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
(a)	a merr (i (ii	CM Regulations: "in the service of the state" means to be – aber of –) any municipal council;) any provincial legislature; or i) the national Assembly or the national Council of provinces;	
(b) (c)	a mem an offic	ber of the board of directors of any municipal entity; cial of any municipality or municipal entity;	
(d)		oloyee of any national or provincial department, national or provincial public entity or constitutior Public Finance Management Act, 1999 (Act No.1 of 1999);	nal institution within the meaning
(e)		ber 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
3.8.2	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
3.9.7	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	.1If so, furnish particulars.	
man	ny spouse, child or parent of the company's directors, agers, principal shareholders or stakeholders in service e state?	YES / NO
3.11	.1If so, furnish particulars.	
	any of the company's directors, trustees, managers, ciple shareholders or stakeholders in service of the state?	YES / NO
3.12.1 lf ye	es, 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

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

MBD 8

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	Yes	No
	restriction by the Accounting Officer/Authority of the institution that imposed the		
	restriction after the audi alteram partem rule was applied).		
	The Database of Restricted Suppliers now resides on the National Treasury's		
	website(<u>www.treasury.gov.za</u>) and can be accessed by clicking on its link at the		
	bottom of the home page.		
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)? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes	No

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	No
4.3.1	If so, furnish particulars:		
ltem	Question	Yes	No
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	No
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	No
4.7.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME) CERTIFY THAT THE INFORMATION FURNISHED ON THIS 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

MBD 9

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:

that:

(Name of Bidder)

- 1. I have read and I understand the contents of this Certificate;
- 2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
- 4. 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;
- 5. 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

- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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



		REFERENCE		REV
TITLE	SPECIFICATION FOR COPPER	CP_TSSPEC_06	62	0
	BUSBARS	DATE:	S	SEPTEMBER 2003
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FOREWORD

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

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

SPECIFICATION FOR COPPER BUSBARS	REFERENCE	R	REV
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INTRODUCTION

This specification covers those copper busbars intended for use as electrical conductors.

1 SCOPE

This specification covers City Power's requirements for copper busbars.

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.

SABS 1195	Busbars.

SABS 804 Electrolytic tough pitch high conductivity copper.

3 CONSTRUCTIONAL REQUIREMENTS

3.1 Material

The copper busbar shall:

- 3.1.1 Conform to SABS 1195;
- 3.1.2 Be electrolytic tough pitch high conductivity copper that complies with the requirements of SABS 804;
- 3.1.3 Be clean and free from any defects that may have a detrimental effect on its performance in service;
- 3.1.4 Be free from any projections that are sharp and rough on the edges and corners; and
- 3.1.5 Bear the SABS 1195 mark of approval.

3.2 Temper

The copper busbar shall be supplied in the condition of temper of designation type H2, complying with SABS 1195.

3.3 Form

The copper busbar shall be in the form of a rectangular bar.

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3.4 Lengths

- 3.4.1 The copper busbars shall be supplied in linear lengths of 3 m.
- 3.4.2 Coiled lengths shall not be accepted.

3.5 Dimensions

The following dimensions shall apply to this specification:

ITEM	WIDTH (mm)	THICKNESS (mm)	LENGTH (m)	CURRENT RATING (A/mm ²)
1	25	3	3	150
2	25	6	3	300
3	30	6	3	360
4	40	6	3	480
5	40	12	3	960
6	50	3	3	300
7	50	6	3	600
8	50	10	3	1000
9	65	6	3	780

4 ELECTRICAL AND PHYSICAL REQUIREMENTS

The electrical and physical requirements shall comply with the relevant tables of SABS 1195.

5 TESTS

5.1 Routine test (Inspection)

The inspection test shall comply with SABS 1195.

5.2 Type test

The type test shall comply with the requirements of SABS 1195.

6 MARKING, PACKING AND DOCUMENTATION

6.1 Marking

Each package shall bear the following information legibly and indelibly marked on a label that is securely attached to the package:

- a) Brand name or trade mark;
- b) Description of contents (type of material, temper, form, and cross-sectional area);
- c) The nominal length per bar in metres;
- d) The quantity;
- e) Net mass of contents in kilograms; and
- f) City Power's SAP number.

6.2 Packing

The busbars shall be so packed as to protect them from damage during normal transportation.

6.3 Documentation

- 6.3.1 Documentation shall be submitted in a technical catalogue format.
- 6.3.2 The technical catalogue shall specify the sizes, dimensions, reference numbers, and if applicable, the complete range of other products and accessories available.

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Annex A - Bibliography

Metropolitan Electricity: 62/141 – Copper busbars

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Annex B - Revision information

DATE REV. NO.		NOTES
Sept. 2003	0	First issue

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Annex C - Item 1: BUSBAR CU 25MM X 3MM X 3M - SAP NO. 11439

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	150	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory: _________Name in block letters Signature

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Item 1: BUSBAR CU 25MM X 3MM X 3M - SAP NO. 11439

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	m Subclause of Proposed deviation CP_TSSPEC_062			

Annex C - Item 2: BUSBAR CU 25MM X 6MM X 3M – SAP NO. 11440

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	300	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory:

Name in block letters

Signature

SPECIFICATION FOR COPPER BUSBARS	REFERENCE	REV	
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Item 2: BUSBAR CU 25MM X 6MM X 3M - SAP NO. 11440

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	m Subclause of Proposed deviation CP_TSSPEC_062			

Annex C - Item 3: BUSBAR CU 30MM X 6MM X 3M – SAP NO. 11445

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	360	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory:

Name in block letters

Signature

SPECIFICATION FOR COPPER BUSBARS	REFERENCE		REV		
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Item 3: BUSBAR CU 30MM X 6MM X 3M - SAP NO. 11445

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.					
ltem	Subclause of CP_TSSPEC_062	Proposed deviation			

Annex C - Item 4: BUSBAR CU 40MM X 6MM X 3M – SAP NO. 11441

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	480	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory:

Name in block letters

Signature

SPECIFICATION FOR COPPER BUSBARS	REFERENCE		REV		
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Item 4: BUSBAR CU 40MM X 6MM X 3M - SAP NO. 11441

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.					
ltem	Subclause of CP_TSSPEC_062	Proposed deviation			

Annex C - Item 5: BUSBAR CU 40MM X 12MM X 3M - SAP NO. 11601

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	960	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory:

Name in block letters

Signature

SPECIFICATION FOR COPPER BUSBARS	REFERENCE		REV		
	CP_TSSPEC_062		0		
	PAGE 1	8	OF	27	

Item 5: BUSBAR CU 40MM X 12MM X 3M - SAP NO. 11601

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.					
ltem	Subclause of CP_TSSPEC_062	Proposed deviation			

Annex C - Item 6: BUSBAR CU 50MM X 3MM X 3M – SAP NO. 11607

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	300	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory:

Name in block letters

Signature

SPECIFICATION FOR COPPER BUSBARS	REFERENCE	R	REV	
	CP_TSSPEC_062	2	0	
	PAGE 20	OF	27	

Item 6: BUSBAR CU 50MM X 3MM X 3M - SAP NO. 11607

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.					
ltem	Subclause of CP_TSSPEC_062	Proposed deviation			

Annex C - Item 7: BUSBAR CU 50MM X 6MM X 3M – SAP NO. 11442

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	600	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory:

Name in block letters

Signature

SPECIFICATION FOR COPPER BUSBARS	REFERENCE		REV		
	CP_TSSPEC_062		0		
	PAGE 2	22	OF	27	

Item 7: BUSBAR CU 50MM X 6MM X 3M - SAP NO. 11442

Deviation schedule

In addition	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_062	Proposed deviation			

Annex C - Item 8: BUSBAR CU 50MM X 10MM X 3M – SAP NO. 11602

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	1000	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory:

Name in block letters

Signature

SPECIFICATION FOR COPPER BUSBARS	B REFERENCE REV			EV	
	CP_TSSPEC_062		0		
	PAGE	24	OF	27	

Item 8: BUSBAR CU 50MM X 10MM X 3M - SAP NO. 11602

Deviation schedule

In additio	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.				
ltem	Subclause of CP_TSSPEC_062	Proposed deviation			

Annex C - Item 9: BUSBAR CU 65MM X 6MM X 3M – SAP NO. 11443

ltem	Subclause of CP_TSSPEC_062	Description		Schedule A	Schedule B
1	3.1	Comply to SABS	Yes/No	Yes	
2	3.2	Condition of temper	M/ O/ H2	H2	
3	3.3	Does the form of the busbar comply?	Yes/ No	Yes	
4	3.5	Do the dimensions comply?	Yes/No	Yes	
5	3.5	Current carrying capacity	А	780	
6	4	Do the electrical and physical requirements comply with SABS 1195?	Yes/No	Yes	
7	6	Type test certificates	Yes/No	Yes	
8	7.1	Do the markings comply?	Yes/No	Yes	
9	7.3.2	Technical catalogue provided?	Yes/No	Yes	

Schedule A: Purchaser's specific requirements Schedule B: Guarantees and technical particulars of equipment offered

Tender Number: _____

Tenderer's Authorised Signatory:

Name in block letters

Signature

SPECIFICATION FOR COPPER BUSBARS	CATION FOR COPPER BUSBARS REFERENCE			REV	
	CP_TSSPEC_062		0		
	PAGE 2	6	OF	27	

Item 9: BUSBAR CU 65MM X 6MM X 3M - SAP NO. 11443

Deviation schedule

In additio	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.				
ltem	Subclause of CP_TSSPEC_062	Proposed deviation			

I FOR COPPER BUSBARS REFERENCE		
CP_TSSPEC_062	0	
PAGE 27	OF 27	
	REFERENCE CP_TSSPEC_062 PAGE 27	

Annex D – Stock Items

Material Group : CONT-BUSB

Item	SAP	SAP Short Description	SAP Long Description
	N O		
	•		
1	11439	BUSBAR CU 25 MM X 3 MM X 3M	BUSBAR, COPPER, 25 MM X 3 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062
2	11440	BUSBAR CU 25 MM X 6 MM X 3M	BUSBAR, COPPER, 25 MM X 6 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062
3	11445	BUSBAR CU 30 MM X 6 MM X 3M	BUSBAR, COPPER, 30 MM X 6 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062
4	11441	BUSBAR CU 40 MM X 6 MM X 3M	BUSBAR, COPPER, 40 MM X 6 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062
5	11601	BUSBAR CU 40 MM X 12 MM X 3M	BUSBAR, COPPER, 40 MM X 12 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062
6	11607	BUSBAR CU 50 MM X 3 MM X 3M	BUSBAR, COPPER, 50 MM X 3 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062
7	11442	BUSBAR CU 50 MM X 6 MM X 3M	BUSBAR, COPPER, 50 MM X 6 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062
8	11602	BUSBAR CU 50 MM X 10 MM X 3M	BUSBAR, COPPER, 50 MM X 10 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062
9	11443	BUSBAR CU 65 MM X 6 MM X 3M	BUSBAR, COPPER, 65 MM X 6 MM WITH A TOTAL LENGTH OF 3M. ITEM SPECIFICATION NO. CP_TSSPEC_062