

### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

| PART   | ICULARS OF THE BIDDER |
|--|-----------------------|
| NAME OF THE BIDDING OR TENDERING                           |                       |
| COMPANY  |                       |
|  |                       |
|  |                       |
|  |                       |
|  |                       |
|  |                       |
|  |                       |
|  |                       |
| POSTAL ADDRESS   |                       |
|  |                       |
|  |                       |
|  |                       |
|  | POSTAL CODE           |
| STREET ADDRESS   |                       |
| (PHYICAL ADDRESS)  |                       |
|  |                       |
|  |                       |
|  |                       |
|  |                       |
|  | POSTAL CODE           |
| E-MAIL ADDRESS   | POSTAL CODE           |
|  |                       |
| TELEPHONE NUMBER (TELKOM LINE)                             |                       |
|  |                       |
| CIDB CRS NUMBER (IF APPLICABLE)                            |                       |
|  |                       |
| CELLPHONE NUMBER   |                       |
| ALTERNATE CELLPHONE NO.                                    |                       |
|  |                       |
| CENTRAL SUPPLIER DATABASE NUMBER OF<br>THE BIDDING COMPANY |                       |



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| DOCUMENT NAME<br>ABBREVIATION | DOCUMENT NAME/DESCRIPTION  |  |
|-------------------------------|--|--|
| TS                            | TENDERING CONDITIONS   |  |
| AE(DP)                        | ADMINISTRATIVE EVALUATION (DOCUMENT COMPLETION)                                  |  |
| MBD 1                         | ADMINISTRATIVE EVALUATION (ATTACHMENT OF MANDATORY DOCUMENTS)                    |  |
| DTA                           | DOCUMENT TENDER ADVERT   |  |
| MBD 1                         | INVITATION TO BID (PART A)<br>PART B   |  |
| MBD 4                         | DECLARATION OF INTEREST  |  |
| MBD 5                         | DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES<br>INCLUDED) |  |
| MBD 6.1                       | PREFERENCE CLAIM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS            |  |
| MBD 7.2                       | CONTRACT FORM - RENDERING OF SERVICES  |  |
| MBD 8                         | DECLARATION OF ABUSE OF SUPPLY CHAIN MANAGEMENT SYSTEM                           |  |
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| SECTION 38                    | DECLARATION OF BIDDERS'S PAST PRACTICES  |  |
| SF                            | SIGNATORY FORM   |  |
| GCC                           | GENERAL CONDITIONS OF CONTRACT   |  |
| TOF                           | TERMS OF REFERENCE/ BID SPECIFICATIONS   |  |
| F                             | FUNCTIONALITY  |  |
| PI                            | PRICING INSTRUCTIONS   |  |
| PS                            | PRICING SCHEDULE   |  |

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### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

# **TENDERING CONDITIONS**

- 1. The document must be completed in full as per the guide provided under administrative evaluation document completion.
- 2. All mandatory documents must be attached as per the guide under administrative evaluation attachment of mandatory documents.
- 3. The document must not be dismantled; page numbers must be sequential.
- 4. Bidders must be registered on CSD.
- 5. For all documents that will need certification (and affidavits where applicable) bidders must not submit copies/ copies of certified copies.
- 6. Only black pen ink must be used when completing the tender document.
- 7. Electronic signatures are not allowed.
- 8. Bidders are not allowed to use correction pens. In a case where a wrong answer is ticked, a straight line must be made across the wrong answer, then initial next to the mistake and a correct answer must can be ticked.
- 9. That submission of bid documents must be accompanied by a clearly marked USB (Memory Stick)

NB! FAILURE TO ADHERE TO THE ABVOVE INSTRUCTIONS WILL RENDER THE TENDER INVALID AND RESULT IN DISQUALIFICATION



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### CENTRAL SUPPLIER DATABASE REGISTRATION (CSD)

 Bidders must be registered on CSD and provide their registration number on the tender/ quotation document <u>COMPLETION OF THE DOCUMENT</u>

# PLEASE READ AND FOLLOW INSTRUCTIONS BELOW ON HOW TO COMPLETE DIFFERENT FORMS IN THE DOCUMENT AND FILL THEM AS INSTRUCTED

The tender documents must be completed in full i.e. Compulsory Questionnaire, MBD 1, Pricing Schedule, MBD 4, MBD 5, MBD 6.1, MBD 7.2, MBD 8, MBD 9, Section 38 and the Form of Offer, including all witness signatures on all the above stated forms.

# ✓ NB! FAILURE TO ADHERE TO THE BELOW MENTIONED POINTS WILL INVALIDATE THE TENDER AND RESULT IN DISQUALIFICATION

- COMPULSORY QUESTIONAIRE must be fully completed and signed In a case of Joint Venture separate COMPULSORY QUESTIONAIRE forms must be completed and submitted.
- MBD 1 must be fully completed and signed
- **PRICING SCHEDULE** must be fully completed and signed
- MBD 4 -only tick the appropriate answer. Please be informed that whether you scratch out, tick or circle, your answer will be where the pen ink is reflecting.
   In a case of Joint Venture or multi- directors, full details of all Directors must be provided on the table on MBD 4.
- **MBD 5** -only tick the appropriate answer. Please be informed that whether you scratch out, tick or circle, your answer will be where the pen ink is reflecting.
- In a case of Joint Venture separate MBD 5 forms must be completed and submitted. (complete if applicable)
- MBD 6.1 must be fully completed.
- MBD 7.2 must be fully completed.
- **MBD 8** only tick the appropriate answer box, whether you scratch out, tick or circle, your answer will be where the pen ink is reflecting
- MBD 9 must be fully completed and signed
- SECTION 38 only tick the appropriate answer box, whether you scratch out, tick or circle, your answer will be where the pen ink is reflecting. Must be fully completed and signed, including signatures of witnesses.



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- Note that should you answer "NO" to any of the declaration questions on section 38 form, then supporting documents MUST be attached
- SIGNATORY AUTHORISATION complete and sign the form
- The document must not be dismantled; page numbers must be sequential

# THE FOLLOWING MANDATORY DOCUMENTS MUST BE SUBMITTED TOGETHER WITH THE BID DOCUMENT

- ✓ Deposit slip with tender reference number as stipulated in the tender document.
- ✓ CSD report

# • FOR ALL DOCUMENTS THAT WILL NEED CERTIFICATION (AND AFFIDAVITS WHERE APPLICABLE) BIDDERS ARE REQUESTED NOT TO SUBMIT COPIES OF CERTIFIED COPIES.

 A valid and certified (not older than (3) three months on the date of tender closure) BBBEE Certificate for the company (if it is a JV the BBBEE must be consolidated)

# MUNICIPAL RATES AND TAXES STATEMENTS OF THE DIRECTORS

- Current municipal rates and taxes statement (from previous billable month) for each directors' address must be attached; or
- ✓ Valid lease agreement of the director/s with all critical contractual obligations or,
- An original letter from tribal authority not older than three (3) months if the director/s are residing in a tribal land, or
- ✓ If the rates and taxes account is not in the names of the director/s the attached municipal rates and taxes statement must be submitted together with an original affidavit from the property owner whose names are appearing on the municipal rates and taxes statement to confirm that the director resides in their property.

### MUNICIPAL RATES AND TAXES STATEMENTS OF THE COMPANY

- Current municipal rates and taxes statement (from previous billable month) for the company's' address must be attached; or
- ✓ Valid lease agreement of the company (showing all critical contractual obligations, or
- An original letter from a tribal authority not older than three (3) months if the company is operating from a tribal, or
- ✓ If the rates and taxes account is not in the names of the company, the attached municipal rates taxes statement must be submitted together with an original affidavit from the property owner whose names are



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reflecting on the municipal rates and taxes statement to confirm that the company operates from their property.

<u>NB!!</u>

- ✓ FOR PROCUREMENT EXPECTED TO BE LESS THAN 10 MILLION, AWARDS WILL NOT BE MADE TO BIDDERS OWING MUNICIPAL RATES AND TAXES FOR OVER 90 DAYS AT THE TIME OF TENDER CLOSURE
- ✓ FOR PROCUREMENT EXPECTED TO BE MORE THAN 10 MILLION, AWARDS WILL NOT BE MADE TO BIDDERS OWING MUNICIPAL RATES AND TAXES FOR OVER 30 DAYS AT THE TIME OF TENDER CLOSURE
- ✓ Required CIDB Grading Certificate where applicable
- ✓ Signatory resolution Please attach a copy of Signatory resolution where instructed
- ✓ If the submission is from a Joint Venture, then a JV agreement must be attached

# VERIFICATION OF DOCUMENTS AND INFORMATION.

- ✓ Tax compliance status will be verified using CSD number. (For a bidder to be considered for final award, their status must reflect "tax compliance" before final award is made)
- ✓ CIDB Grading will be verified
- ✓ BBBEE certificates will be verified with relevant registration bodies.
- ✓ Sworn Affidavits will be accepted only if its originals submitted.

# ALLOCATION OF BBBEE POINTS

- ✓ No points will be allocated for a BBBEE certificate that is a copy of a certified copy or not that is not certified.
- ✓ No points will be allocated if the attached sworn affidavit (BBBEE) is a copy.

### INSTRUCTION ON THE SUBMISSION OF TENDER DOCUMENTS

- A tender document must be in a sealed document that has on the outside the bid number and bid description.
   Both the bid number and the bid description must be on the envelope for the document to be acceptable.
- ✓ If the bid number and description are not clearly marked on the envelope, the bid will be received
- ✓ The tender document must be in the tender box before the specified closing time and date.
- $\checkmark$  Bidders who arrive when the tender box is open are late.
- $\checkmark$  Failure to comply with the above will lead to the bid not being opened.



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- 1. Documents will be available on E-tender and RLM websites respectively 5 working days after the advert date at a non-refundable fee of **R1 000.00**
- 2. A compulsory briefing session will be held on the 08 August 2022 from 11H00 11H45 @ the Missionary Mpheni House, Rustenburg Local Municipality. Cnr Beyers Naude and Nelson Mandela Drive
- Sealed bid documents marked: "RLM/DTIS/0006/2022/23 Appointment of service providers for the manufacture, supply and delivery of 11kv indoor switchgear to Rustenburg Local Municipality as and when required for a period of three (03) years" must be placed in the bid box in the foyer of the Municipal offices, Missionary Mpheni House, Beyers Naude Drive, Rustenburg not later than 08<sup>th</sup> September 2022 @ 11H00,
- 4. The bid will be evaluated as follows: Administrative evaluation (document completion and attachment of mandatory documents) \* If the bidder is not a manufacture, proof of accreditation with manufacture must form part of mandatory documents, Consideration of the market analysis and 80/20 preferential point system (price = 80 & BBBEE points = 20)
- 5. Please note that no bid documents given to couriers will not be signed for by Rustenburg Local Municipality.
- 6. The Council will not be responsible for bids not received or received late by mail. Bids will remain valid for 90 days (Ninety).
- 7. All bids will be adjudicated based on the prescribed criterion as stipulated in the document.
- 8. An updated record of payment of rates, taxes and services to the relevant Municipality must be attached. Failure to do so will invalidate the bid submitted
- 9. No bids will be considered from any person(s) in the service of the state (as defined in Regulation 1 of Local Government: Municipal Supply Chain Management Regulations).
- 10. Objections or complaints must be submitted in writing to the Municipal Manager at the address stated, and must contain the following:
  - (a) reasons and/or grounds for the objection or complaint.
  - (b) the way in which the objector or complainant's rights have been affected; and
  - (c) the remedy sought by the objector or complainant.
- 11. Any objection or complaint must reach the Municipal Manager with a 14-day period after award has been made. Late objections or complaints will not be entertained.
- All bids must be submitted on the official forms provided and a successful bidder will be required to fill and sign a written Contract Form (MBD 7).
   RUSTENBURG LOCAL MUNICIPALITY, P.O. BOX 16, MISSIONARY MPHENI HOUSE



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INVITATION TO BID

MBD 1

| YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE RUSTENBURG LOCAL MUNICIPALITY |   |                      |              |        |               |                     |              |
|---|---|----------------------|--------------|--------|---------------|---------------------|--------------|
|   |   | CLOSING              |              |        |               |                     |              |
| BID NUMBER:   | RLM/DTIS/0006/2022/   |                      | 8 Septemb    |        |               | CLOSING TIME:       | 11H00        |
|   | Appointment of servi  | ce providers for the | manufacture  | e, sup | ply and del   | ivery of 11kv indoo | r switchgear |
| DESCRIPTION   | to Rustenburg Local   | Municipality as and  | when require | ed for | r a period of | three (03) years    |              |
|   | FUL BIDDER WILL BE R  |                      |              | AVF    | KITTEN CON    |                     | <i>D1</i> ). |
| SITUATED AT:  | DOCUMENTS MAY BE  | DEPOSITED IN THE     | BID BOX      |        |               |                     |              |
|   |   |                      |              |        |               |                     |              |
| RUSTENBURG  | LOCAL MUNICIPALITY  |                      |              |        |               |                     |              |
| MISSIONARY M  | PHENI HOUSE   |                      |              |        |               |                     |              |
| CNR BEYERS N  | AUDE AND NELSON N   | IANDELA DRIVE. RU    | JSTENBURG    | ì      |               |                     |              |
|   |   | ,                    |              |        |               |                     |              |
| SUPPLIER INFO   | RMATION   |                      |              |        |               |                     |              |
| NAME OF BIDD  |   |                      |              |        |               |                     |              |
| POSTAL ADDR   |   |                      |              |        |               |                     |              |
| STREET ADDRE  | SS  |                      |              |        |               |                     |              |
| TELEPHONE NU  | JMBER   | CODE                 |              |        | NUMBER        |                     |              |
| CELLPHONE N   | JMBER   |                      |              |        |               |                     |              |
| FACSIMILE NU  | MBER  | CODE                 |              |        | NUMBER        |                     |              |
| E-MAIL ADDRE  | SS  |                      |              |        |               |                     |              |
| VAT REGISTRA  | TION NUMBER   |                      |              |        |               |                     |              |
| TAX COMPLIAN  | ICE STATUS  | TCS PIN:             |              | OR     | CSD No:       |                     |              |
|   |   |                      |              | B-BI   | BEE           |                     |              |
| B-BBEE STATU  |   | _                    |              | STA    |               |                     |              |
| VERIFICATION  |   | Yes                  |              | LEV    |               | ☐ Yes               |              |
| [TICK APPLICA   | BLE BOX]  | <b>—</b>             |              | SWO    |               | <b>—</b>            |              |
|   |   |                      |              |        |               |                     |              |
|   | ATUS LEVEL VERIFIC  |                      |              |        |               | IR EMES & QSES      | MUST BE      |
| SUDIVITIED IN   | SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE] |                      |              |        |               |                     |              |



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| <b>ARE YOU THE ACCREDITED</b><br><b>REPRESENTATIVE</b> IN SOUTH<br>AFRICA FOR THE GOODS<br>/SERVICES /WORKS OFFERED? | □Yes □No<br>[IF YES ENCLOSE PROOF]                       | ARE YOU A<br>FOREIGN BASH<br>SUPPLIER FOR<br>THE GOODS<br>/SERVICES<br>/WORKS<br>OFFERED? |                          |
|--|--|---|--------------------------|
| TOTAL NUMBER OF ITEMS<br>OFFERED   |  | TOTAL BID PRI   | CE R                     |
| SIGNATURE OF BIDDER  |  | DATE  |                          |
| CAPACITY UNDER WHICH THIS BID<br>IS SIGNED   |  |   |                          |
| BIDDING PROCEDURE ENQUIRIES M  | AY BE DIRECTED TO:                                       | TECHNICAL INFO<br>TO:   | RMATION MAY BE DIRECTED  |
| DEPARTMENT   | SCM  | CONTACT<br>PERSON   | Mr. J. Kgatle            |
| CONTACT PERSON   | MR J MASINGA   | TELEPHONE<br>NUMBER   | 014 590 3259             |
| TELEPHONE NUMBER   | 0145903123   | E-MAIL<br>ADDRESS   | jkgatle@rustenburg.go.za |
| E-MAIL ADDRESS   | jmasinga@rustenburg.gov.za<br>&tenders@rustenburg.gov.za |   |                          |



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PART B

### TERMS AND CONDITIONS FOR BIDDING

| -  |  |  |  |
|--|--|--|--|
| <b>1.</b><br>1.1.  | BID SUBMISSION:<br>BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED<br>FOR CONSIDERATION.  |  |  |
| 1.2.   | ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED, COMPLETED WITH A BLACK PEN  |  |  |
| 1.3.   | THIS BID IS SUBJECT TO THE RLM SUPPLY CHAIN MANAGEMENT POLICY, PREFERENTIAL PROCUREMENT POLICY<br>FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF<br>CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.        |  |  |
| 2.   | TAX COMPLIANCE REQUIREMENTS  |  |  |
| 2.1  | BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.   |  |  |
| 2.2  | BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.  |  |  |
| 2.3  | APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.   |  |  |
| 2.4  | FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.   |  |  |
| 2.5  | BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.   |  |  |
| 2.6  | IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.   |  |  |
| 2.7  | WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.  |  |  |
| 3.   | QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS   |  |  |
| 3.1.   | IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?  |  |  |
| 3.2.   | DOES THE ENTITY HAVE A BRANCH IN THE RSA?  |  |  |
| 3.3.   | DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?   |  |  |
| 3.4.   | DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?  |  |  |
| IF T<br>SYS  | IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? YES ON<br>HE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS<br>STEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE. |  |  |
| NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS WILL RENDER THE BID INVALID.<br>NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE. |  |  |  |
| SIG  | NATURE OF BIDDER:  |  |  |
| CAP  | ACITY UNDER WHICH THIS BID IS SIGNED:  |  |  |
| DAT  | E:   |  |  |
|  | 10   |  |  |



### <u>RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND</u> <u>DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN</u> <u>REQUIRED FOR A PERIOD OF THREE (03) YEARS</u>

### MBD 4: DECLARATION OF INTEREST

No bid will be accepted from persons in the service of the state.

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.

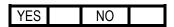
In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

| 3.1 | Full Name of bidder or his or her representative:                               |
|-----|---|
| 3.2 | Identity Number:  |
| 3.3 | Position occupied in the Company (director, trustee, hareholder <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?

### (Tick applicable box)



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



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(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;

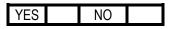
(d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);

(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? (*Tick applicable box*)

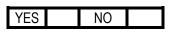


3.9.1 If yes, furnish particulars.....

.....

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?

(Tick applicable box)



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?



| RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND                              |
|---|
| DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN                                       |
| REQUIRED FOR A PERIOD OF THREE (03) YEARS   |
| (Tick applicable box)   |
| 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?   |
|   |
| (Tick applicable box)   |
| 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?  |
| (Tick applicable box)   |
|   |
| 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.   |
|   |
|   |
| (Tick applicable box)   |
|   |
| YES NO  |
|   |
| 3.14.1 If yes, furnish particulars  |
|   |
|   |

13



# RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

.....

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

| Full<br>Name | Identity Number | Personal<br>Reference<br>Tax<br>Number | State<br>Employee<br>Number |
|--------------|-----------------|--|-----------------------------|
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |
|              |                 |  |                             |

Signature

Date

Capacity

Name of Bidder



### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

MBD 5

### DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES INCLUDED)

For all procurement expected to exceed R10 million (all applicable taxes included), bidders must complete the following questionnaire:

1 Are you by law required to prepare annual financial statements for auditing?

\*YES NO

1.1 If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.

.....

- .....
- 2 Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than three months or any other service provider in respect of which payment is overdue for more than 30 days?

   \*YES
   NO
- 2.1 If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than three months or other service provider in respect of which payment is overdue for more than 30 days.
- 2.2 If yes, provide particulars.

Has any contract been awarded to you by an organ of state during the past five years, including particulars of

3 Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?

\*YES NO



# RUSTENBURG LOCAL MUNICIPALITY RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN **REQUIRED FOR A PERIOD OF THREE (03) YEARS** 3.1 If yes, furnish particulars ..... Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion of payment 4. from the municipality / municipal entity is expected to be transferred out of the Republic? NO \*YES 4.1 If yes, furnish particulars ..... ..... CERTIFICATION I, THE UNDERSIGNED (FULL NAME) ..... CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS 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.



### <u>RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND</u> <u>DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN</u> <u>REQUIRED FOR A PERIOD OF THREE (03) YEARS</u>

# MBD 6.1 PREFERENCE CLAIMED IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011

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

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

### 1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to all bids:
  - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
  - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to exceed R50 000 000 (all applicable taxes included) and therefore the 90/10 preference point system shall be applicable; or
- b) The 90/10 preference point system will be applicable to this tender Points for this bid shall be awarded for:
- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

### 1.3 The maximum points for this bid are allocated as follows:

|   | POINTS |
|---|--------|
| PRICE   | 90     |
| B-BBEE STATUS LEVEL OF CONTRIBUTOR                | 10     |
| Total points for Price and B-BBEE must not exceed | 100    |

- 1.4 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.5 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.



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### 2. DEFINITIONS

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) "Broad-Based Black Economic Empowerment Act" means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) "EME" means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **"functionality**" means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) "prices" includes all applicable taxes less all unconditional discounts;
- (h) "proof of B-BBEE status level of contributor" means:
  - 1) B-BBEE Status level certificate issued by an authorized body or person;
  - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
  - 3) Any other requirement prescribed in terms of the B-BBEE Act;
  - (i) "QSE" means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (*j*) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

### 3. POINTS AWARDED FOR PRICE

### 3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis: 80/20 or 90/10

$$Ps = 80 \left( 1 - \frac{Pt - P\min}{P\min} \right) \qquad \text{or} \qquad Ps = 90 \left( 1 - \frac{Pt - P\min}{P\min} \right)$$



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Where

| Ps = | Points scored for pri | ice of bid under | consideration |
|------|-----------------------|------------------|---------------|
|------|-----------------------|------------------|---------------|

| Pt = | Price of bid under consideration |
|------|----------------------------------|
|------|----------------------------------|

P min = Price of lowest acceptable bid

# 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

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

# 5. BID DECLARATION

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

# 6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: . = ......(maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

# 7. SUB-CONTRACTING

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

(Tick applicable box)



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# <u>REQUIRED FOR A PERIOD OF THREE (03) YEARS</u>

7.1.1

- YES NO
- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE
  - (Tick applicable box)
    - YES NO
- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

| Designated Group: An EME or QSE which is at last 51% owned by:    | EME√ | QSE√ |
|---|------|------|
| Black people  |      |      |
| Black people who are youth  |      |      |
| Black people who are women  |      |      |
| Black people with disabilities                                    |      |      |
| Black people living in rural or underdeveloped areas or townships |      |      |
| Cooperative owned by black people                                 |      |      |
| Black people who are military veterans                            |      |      |
| OR  |      |      |
| Any EME   |      |      |
| Any QSE   |      |      |

### 8. DECLARATION WITH REGARD TO COMPANY/FIRM

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

## 8.4 TYPE OF COMPANY/ FIRM

- D Partnership/Joint Venture / Consortium
- □ One-person business/sole propriety
- □ Close corporation
- □ Company
- □ (Pty) Limited
- [TICK APPLICABLE BOX]

# 8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....



### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

8.6 COMPANY CLASSIFICATION

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

[TICK APPLICABLE BOX]

### 8.7 MUNICIPAL INFORMATION

Municipality where business is situated: ..... Registered Account Number: ..... Stand Number:....

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

- 8.9 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:
  - i) The information furnished is true and correct;
  - ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
  - iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
  - (a) disqualify the person from the bidding process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not



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exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and

(e) forward the matter for criminal prosecution.

| WITNESSES 1 | SIGNATURE(S) OF BIDDERS(S) |
|-------------|----------------------------|
| 2           | DATE:<br>ADDRESS           |



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### **CONTRACT FORM - RENDERING OF SERVICES**

MDB 7.2

THIS FORM MUST BE FILLED IN DUPLICATE BY BOTH THE SERVICE PROVIDER (PART 1) AND THE PURCHASER (PART 2). BOTH FORMS MUST BE SIGNED IN THE ORIGINAL SO THAT THE SERVICE PROVIDER AND THE PURCHASER WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS.

### PART 1 (TO BE FILLED IN BY THE SERVICE PROVIDER)

- 2. The following documents shall be deemed to form and be read and construed as part of this agreement:
  - (i) Bidding documents,
    - Invitation to bid;
    - Tax compliance status (CSD report);
    - Pricing schedule(s);
    - Filled in task directive/proposal;
    - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011;
    - Declaration of interest;
    - Declaration of bidder's past SCM practices;
    - Certificate of Independent Bid Determination;
    - Special Conditions of Contract;
  - (ii) General Conditions of Contract; and
  - (iii) Other (specify)
- 3. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the services specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
- 4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfillment of this contract.
- 5. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.



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6. I confirm that I am duly authorised to sign this contract.

| NAME (PRINT) |               |
|--------------|---------------|
|              | <br>WITNESSES |
| CAPACITY     | <br>1         |
| SIGNATURE    | <br>2         |
| NAME OF FIRM |               |
| DATE         | <br>DATE:     |



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MBD 7.2

# **CONTRACT FORM - RENDERING OF SERVICES**

# PART 2 (TO BE FILLED IN BY THE PURCHASER [RLM])

- 1. I.....in my capacity as.....dated.....for accept your bid under reference number .....for the rendering of services indicated hereunder and/or further specified in the annexure(s).
- 2. An official order indicating service delivery instructions is forthcoming.
- 3. I undertake to make payment for the services rendered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice.

| DESCRIPTION OF<br>SERVICE | PRICE (ALL<br>APPLICABLE<br>TAXES<br>INCLUDED) | COMPLETION<br>DATE | B-BBEE<br>STATUS LEVEL<br>OF<br>CONTRIBUTION | MINIMUM<br>THRESHOLD<br>FOR LOCAL<br>PRODUCTION<br>AND<br>CONTENT (if<br>applicable) |
|---------------------------|--|--------------------|--|--|
|                           |  |                    |  |  |

4. I confirm that I am duly authorized to sign this contract.

SIGNED AT .....ON.....

NAME (PRINT)

SIGNATURE

OFFICIAL STAMP

# WITNESSES

| 1 | ••••• |  |
|---|-------|--|
|   | ••••• |  |
|   | АТЕ:  |  |



## RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

# MBD 8: DECLARATION OF ABUSE OF SUPPLY CHAIN MANAGEMENT SYSTEM

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions 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 disregarded if that bidder, or any of its directors have
  - a. abused the institution's supply chain management system;
  - b. committed fraud or any other improper conduct in relation to such system; or
  - c. failed to perform on any previous contract.
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.



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| 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?  | Yes | No |
|       | 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 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 outside of the Republic of South Africa) for fraud or corruption during the past five years?   | Yes | No |
| 4.3.1 | I If so, furnish particulars:  |     |    |
| 4.4   | Was any contract between the hidder and any argan of state terminated during the past five   | Vee | No |
| 4.4   | Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?  | Yes | No |
| 4.4.1 | If so, furnish particulars:  |     |    |
|       |  |     |    |



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### CERTIFICATION

I, THE UNDERSIGNED (FULL NAME).....CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS 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.

Name/s and surname of Bidder

.....

Signature

Position in the Firm/Company

Date



### <u>RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND</u> <u>DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN</u> <u>REQUIRED FOR A PERIOD OF THREE (03) YEARS</u>

## MBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids<sup>1</sup> 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).<sup>2</sup> 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 bid 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 bids 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 Bid Determination (MBD 9) must be completed and submitted with the bid:

<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

<sup>2</sup> 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



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I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid 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: \_\_\_\_

# (Name of Bidder)

that:

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 bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
- 5. For the purposes of this Certificate and the accompanying bid, 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) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid 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 bid 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.
- 7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:



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- (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 bid;
- the submission of a bid which does not meet the specifications and conditions of the bid; or
- (f) bidding with the intention not to win the bid.
- 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 bid invitation relates.
- The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

<sup>3</sup> 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.

| Signature | Date           |
|-----------|----------------|
|           |                |
| Position  | Name of Bidder |

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# <u>RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND</u> <u>DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN</u> <u>REQUIRED FOR A PERIOD OF THREE (03) YEARS</u>

### **SECTION 38: DECLARATION FORM**

Having examined the BID and the general conditions thereto, I/we hereby certify that the bid price in the bid schedules and the preference points claimed are correct.

I/We furthermore certify that I/we/the Company comply/complies with the issues around Section 38 of the Supply Chain Management Policy inter alia:

# IF ALL IS IN PLACE IN RESPECT OF THE CONTRACTUAL ISSUES LISTED IN THE TABLE BELOW; THE ANSWER SHOULD BE <u>YES</u>. ATTACH SUPPORTING INFORMATION IF ANY OF THE ANSWERS IS <u>NO</u>.

Note that the Municipality's Procurement Section will verify the statements.

I/we certify the following:

| No. | CONTRACTUAL ISSUES  | YES | NO |
|-----|---|-----|----|
| 1.  | In terms of Section 38 (1) (c) that the Bidder or any of the Directors is not listed as a     |     |    |
|     | person prohibited from doing business with the Public Sector                                  |     |    |
| 2.  | In terms of Section 38 (1)(d) (i) that the Bidder or any of the Directors does not owe        |     |    |
|     | rates and taxes or Municipal service charges to any Municipality that is in any arrears for   |     |    |
|     | more than three (3) months. Copies of the latest Municipal service charges statement of       |     |    |
|     | the Bidder and the Directors must be attached to the tender/bid document                      |     |    |
| 3.  | In terms of Section 38 (1) (d) (ii) that the Bidder or any of the Directors has not failed to |     |    |
|     | perform satisfactorily on a previous/previous contract/s with the Municipality or any organ   |     |    |
|     | of state  |     |    |
| 4.  | In terms of Section 38 (i) (9) that the Bidder or any of the Directors has not been           |     |    |
|     | convicted for fraud or corruption during the past five (5) years                              |     |    |
| 5.  | In terms of Section 38 (i) (9) (iv) that the Bidder or any of the Directors has not been      |     |    |
|     | listed in the Register Of Tender Defaulters in terms of Section 29 of the Prevention and      |     |    |
|     | Combating of Corrupt Activities Act, (Act No. 12 of 2004)                                     |     |    |

| SIGNATURE OF BIDDER                              | 2022.<br>DATE |
|--|---------------|
| SIGNATURE OF BIDDER                              | DATE          |
| FULL NAME AND SURNAME OF BIDDER IN BLOCK LETTERS |               |
| COMPANY NAME:                                    |               |
| PHYSICAL ADDRESS:                                |               |
| TELEPHONE NUMBER:                                |               |
| EMAIL ADDRESS:                                   |               |
| WITNESS 1: WITNESS 2:                            |               |



### <u>RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND</u> <u>DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN</u> <u>REQUIRED FOR A PERIOD OF THREE (03) YEARS</u>

### SIGNATORY AUTHORISATION

# (TO BE COMPLETED BY THE BIDDER)

I/We the undersigned, am/are authorized to enter into this contract on behalf of

------

(Name of Firm)

| By resolution taken at a meeting held on the | day of (month)      |         |
|--|---------------------|---------|
| authorise                                    | holder of ID number | to sign |
| all the documents on behalf of the company.  |                     |         |

Print name of authorised representative: .....

Signature: .....



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| NAME AND SURNAME OF THE DIRECTORS | SIGNATURE |
|-----------------------------------|-----------|
|                                   |           |
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PLEASE NOTE: Failure to complete all blank spaces on this form or attend to other details mentioned therein will render the bid/tender liable to rejection.



### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

### GENERAL CONDITIONS OF CONTRACT (NOT TO BE ALTERED)

### PROCUREMENT: GENERAL CONDITIONS OF CONTRACT Dated July 2010 as set out by the National Treasury: Republic of South Africa TABLE OF CLAUSES

- 1. Definitions
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- 6. Patent Rights
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- 8. Inspections, tests and analyses
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### <u>RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND</u> <u>DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN</u> <u>REQUIRED FOR A PERIOD OF THREE (03) YEARS</u>

### **General Conditions of Contract**

### 1. Definitions

1. The following terms shall be interpreted as indicated:

1.1 "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.

1.2 "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

1.3 "Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.

1.4 "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

- 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.6 "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.

1.7 "Day" means calendar day.

1.8 "Delivery" means delivery in compliance of the conditions of the contract or order.

1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.

1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the goods are so delivered and a valid receipt is obtained.

1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.

1.12"Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts

of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.



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1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.

1.14 "GCC" means the General Conditions of Contract.

1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.

1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the goods covered by the bid will be manufactured.

1.17 "Local content" means that portion of the bidding price, which is not included in the imported content provided that local manufacture does take place.

1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.

1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.

1.20 "Project site," where applicable, means the place indicated in bidding documents.

1.21 "Purchaser" means the organization purchasing the goods.

1.22 "Republic" means the Republic of South Africa.

1.23 "SCC" means the Special Conditions of Contract.

1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract. 1.25 "Supplier" means the successful bidder who is awarded the contract to maintain and administer the required and specified service(s) to the State.

1.26 "Tort" means in breach of contract.

1.27 "Turnkey" means a procurement process where one service provider assumes total responsibility for all aspects of the project and delivers the full end product / service required by the contract.



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1.28 "Written" or "in writing" means hand-written in ink or any form of electronic or mechanical writing.

#### 2. Application

2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services (excluding professional services related to the building and construction industry), sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.

2.2 Where applicable, special conditions of contract are also laid down to cover specific goods, services or works.

2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

#### 3. General

3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a nonrefundable fee for documents may be charged.

3.2 Invitations to bid are usually published in locally distributed news media and on the municipality/municipal entity website.

#### 4. Standards

4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

#### 5. Use of contract documents and information inspection

5.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.

5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.



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5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

#### 6. Patent Rights

6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

6.2 When a supplier developed documentation / projects for the municipality / municipal entity, the intellectual, copy and patent rights or ownership of such documents or projects will vest in the municipality / municipal entity.

#### 7. Performance security

7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.

7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.

7.3 The performance security shall be denominated in the currency of the contract or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:

(a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or

(b) a cashier's or certified cheque.

7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified.

#### 8. Inspections, tests and analyses

8.1 All pre-bidding testing will be for the account of the bidder.

8.2 If it is a bid condition that goods to be produced or services to be rendered should at any stage be subject to inspections, tests and analyses, the bidder or contractor's premises shall be open, at all reasonable hours, for inspection by a representative of the purchaser or organization acting on behalf of the purchaser.

8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.



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8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the goods to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.

8.5 Where the goods or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such goods or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.

8.6 Goods and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.

8.7 Any contract goods may on or after delivery be inspected, tested or analysed and may be rejected if found not to comply with the requirements of the contract. Such rejected goods shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with goods, which do comply with the requirements of the contract. Failing such removal the rejected goods shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute goods forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected goods, purchase such goods as may be necessary at the expense of the supplier.

8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 22 of GCC.

#### 9. Packing

9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, and in any subsequent instructions ordered by the purchaser.

#### 10. Delivery and documents

10.1 Delivery of the goods and arrangements for shipping and clearance obligations shall be made by the supplier in accordance with the terms specified in the contract.

#### 11. Insurance

11.1 The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified.



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### 12. Transportation

12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified.

### 13. Incidental Services

13.1 The supplier may be required to provide any or all of the following services, including additional services, if any:

(a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;

(b) furnishing of tools required for assembly and/or maintenance of the supplied goods;

(c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;

(d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.

13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.

### 14. Spare parts

14.1 As specified, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

(a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and;(b) in the event of termination of production of the spare parts:

(i) advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

### 15. Warranty

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.



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15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise.

15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.

15.4 Upon receipt of such notice, the supplier shall, within the period specified and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

#### 16. Payment

16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified.

16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.

16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.

16.4 Payment will be made in Rand unless otherwise stipulated.

#### 17. Prices

17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized or in the purchaser's request for bid validity extension, as the case may be.

#### 18. Variation orders

18.1 In cases where the estimated value of the envisaged changes in purchase does not vary more than 15% of the total value of the original contract, the contractor may be instructed to deliver the goods or render the services as such. In cases of measurable quantities, the contractor may be approached to reduce the unit price, and such offers may be accepted provided that there is no escalation in price.



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#### 19. Assignment

19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

#### 20. Subcontracts

20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under these contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

#### 21. Delays in the supplier's delivery and/or performance

21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.

21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, it's likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.

21.3 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the goods are required, or the supplier's services are not readily available.

21.4 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of penalties.

21.5 Upon any delay beyond the delivery period in the case of a goods contract, the purchaser shall, without cancelling the contract, be entitled to purchase goods of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

# 22. Penalties

22.1 Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or



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unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

#### 23. Termination for default

23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:

(a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;

(b) if the supplier fails to perform any other obligation(s) under the contract; or

(c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner, as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.

23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the supplier as having no objection and proceed with the restriction.

23.5 Any restriction imposed on any person by the purchaser will, at the discretion of the purchaser, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with

which enterprise or person the first-mentioned person, is or was in the opinion of the purchaser actively associated.

23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:

(i) the name and address of the supplier and / or person restricted by the purchaser;

(ii) the date of commencement of the restriction

(iii) the period of restriction; and

(iv) the reasons for the restriction.

These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.



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23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website

#### 24. Antidumping and countervailing duties and rights

24.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the supplier to the purchaser or the purchaser may deduct such amounts from moneys (if any) which may otherwise be due to the supplier in regard to goods or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

#### 25. Force Majeure

25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in

Performance or other failure to perform his obligations under the contract is the result of an event of force majeure. 25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall

continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

#### 26. Termination for insolvency

26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the purchaser.

### 27. Settlement of Disputes



#### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of

law.

27.4 Notwithstanding any reference to mediation and/or court proceedings herein,

(a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and

(b) the purchaser shall pay the supplier any monies due the supplier for goods delivered and / or services rendered according to the prescripts of the contract.

#### 28. Limitation of Liability

28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6;

(a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and

(b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

### 29. Governing language

29.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

#### 30. Applicable law

30.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified.

#### 31. Notices

31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice.

31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.



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#### 32. Taxes and duties

32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.

32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.

32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid SARS must have certified that the tax matters of the preferred bidder are in order.

32.4 No contract shall be concluded with any bidder whose municipal rates and taxes and municipal services charges are in arrears.

#### **33. Transfer of contracts**

33.1 The contractor shall not abandon, transfer, cede assign or sublet a contract or part thereof without the written permission of the purchaser

#### 34. Amendment of contracts

34.1 No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement to amend or vary shall be in writing, shall also be in writing.

#### 35. Prohibition of restrictive practices

35.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of **restrictive practices** 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder(s) is / are or a contractor(s) was / were involved in collusive bidding.

35.2 If a bidder(s) or contractor(s) based on reasonable grounds or evidence obtained by the purchaser has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in section 59 of the Competition Act No 89 0f 1998.

35.3 If a bidder(s) or contractor(s) has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.



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# TERMS OF REFERENCE/ SPECIFICATIONS <u>11 KV INDOOR METAL-CLAD SWITCHGEAR.</u>

# 1. GENERAL INFORMATION

This specification is applicable for 11 kV indoor metal-clad switchgear. The switchgear will be housed in an enclosed room and must be suitable for mounting on a level concrete floor.

# 1.1 System particulars

| Normal operating voltage | : | 11 000 volts                |
|--------------------------|---|-----------------------------|
| Frequency                | : | 50 Hz                       |
| Number of phases         | : | 3                           |
| Neutral earthing         | : | Star-point solidly earthed. |
| -                        |   |                             |

# 1.2 Service conditions

| Maximum temperature  | : | 40°C                   |
|----------------------|---|------------------------|
| Altitude             | : | 1200 m above sea level |
| Lightning conditions | : | Severe                 |

# 1.3 Standards

All standards manufactured and supplied must meet NRS 003-1991 and SABS IEC 694.

It is **compulsory** that all applicable certification be submitted with tender on products offered.

# 2. GENERAL EQUIREMENTS

- 2.1 All panels and circuit breakers must be vermin and dust proof.
- 2.2 The panels must be tested for a through fault level of at least **25** /**31.5 kA** for 3 seconds pending on schedules and pricing required.
- 2.2.1 The busbar ratings shall be as per requirement for each panel priced.



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- 2.3 All components such as screws, nuts, bolts, washers, etc. used in the construction or fastening of components must be copper plated or equivalent.
- 2.4 Lifting lugs must be provided on all panels. Delivery will be refused without the lifting lugs.
- 2.5 Switchgear panels shall be capable of assembly with each other to form a continuous, self supporting and self-contained switchboard suitable to be extended at both ends.

# 3. CIRCUIT BREAKERS

- 3.1 Circuit breakers shall be of the Vacuum type.
- 3.2 Each circuit breaker shall be of the extractable type forming an integral part of each switch unit.
- 3.3 Spring-mechanism to have one stored charge when the breaker is in the close position. The springs shall be motor-wound with a 110 V AC and DC universal motor, and hand wound in case of power failure.
- 3.4 Operation of the circuit breaker for tripping and closing shall be by means of 110 V DC coils.
- 3.5 Suitable indication shall be provided to indicate the position of the circuit breaker in the panel eg. racked in, racked out or earthed.
- 3.6 Auxiliary contacts adequately rated to make and break the associated currents, shall be provided for operation in conjunction with the protective and auxiliary circuits. Four spare normally-open and four spare normally-closed contacts shall be provided on each circuit breaker and shall be wired to the terminal box for pilot cables at the back of the panel.
- 3.7 Supply a 230 volt suitable anti-condensation heating element in the circuit breaker cubicle.
- 3.8 The control of this element must be with an adjustable thermostat-switch mounted in the busbar-coupler cubicle. The thermostat switch-in and switch-out points must be adjustable between 0° to 40° C in 10° steps.
- 3.9 Circuit breakers shall be internal arc 25 kA 40 KA. IEC 60298 and NRS 003 compliant.



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# 4. SWITCHGEAR CUBICLE

- 4.1 The cubicle shall be of the metal clad type and of unit construction.
- 4.2 In "service" and "test" positions, all live parts shall be completely enclosed.
- 4.3 Automatic shutters must be provided on the busbar and feeder openings to prevent accidental contact with all live parts when the circuit breaker of the voltage transformer is withdrawn. Locking facilities for shutter shall be provided. In test position the shutters shall be able to open by hand separately to either the cable side or busbar side.
- 4.4 All pilot wiring running through the cubicle must be protected against damage should an explosion or fire occurs on the extractable circuit breaker or in the cubicle.
- 4.5 All metal parts other than those forming an electrical circuit shall be connected to a copper busbar of cross section large enough to carry the maximum earth fault current in the panel.
- 4.6 Terminal connections for the cables shall be at a suitable height and position so as to allow for terminations to be made conveniently. For type of cables to be connected to terminals see schedule A of Technical Data Sheet.
- 4.7 All cable terminations are done by means of the heat shrink method.
- 4.8 Provide a Main Terminal Box at the back of each panel for pilot cable connections.

### 5. FINISHING AND PAINTING

All paint work as specified in NRS-003. The inside and outside must be finished off in Light Stone (SABS 630).

# 6. FLOOR LEVEL

- 6.1 The Council will provide a level concrete floor.
- 6.2 The cost of supply and installation of any special steelwork in the uneven concrete floors will be the <u>bidder's</u> responsibility on installation and shall be clearly priced for.



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#### 7. INSTRUMENT COMPARTMENT

- 7.1 Provide auxiliary contacts, 3 x normally open and 3 x normally close with sufficient ampere handling contacts on any operation, and rocking switches for supervisory installation and remote switching. Wiring to be complete up to the front of the panel and bridged to the main terminal box at the rear of each panel.
- 7.2 Local/Remote control selector switch must be provided at each panel. Remote control contacts must be connected with the main terminal box at the rear of each panel.
- 7.3 Small wiring shall be in accordance with BS 158 and BS 162 and shall be numbered.
- 7.4 Spare terminals shall be provided in terminal boxes for possible future additional wiring. See schedule.

# 8. INSTRUMENTS

| 8.1 | Dimensions    | : | 96 x 96 mm    |
|-----|---------------|---|---------------|
| 8.2 | Mounting      | : | Flush         |
| 8.3 | Ampere meters | : | One per phase |

One per phase. Over scaled by 20% with three pointers incorporated in one case viz:

- 8.3.1 Instantaneous current.
- 8.3.2 Demand current over 15 minute intervals.
- 8.3.3 Maximum demand indicator for 8.3.2
- 8.4 Ampere meters scale plates: Two scale plates calibrated for each ration of the current transformer.
- 8.5 Voltmeters: 1 Meter with selector switch for separate 3-phase indication.

## 9. CURRENT TRANSFORMERS

9.1 All current transformers must comply with the SABS IEC 185.



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- 9.2 Current transformers must be connected to the cable side of the switchgear.
- 9.3 The class of the current transformers shall be as follow:

| Metering :  | Class ? |
|-------------|---------|
| Protection: | 10P10   |

The manufacturer shall state the burden of the CT's in schedule B of the attached data sheet.

- 9.4 The selection of each CT ratio to be accomplished at the terminal block in the instrument compartment.
- 9.5 CT ratios shall be as stated in schedule A of the attached data sheet. CT ratios are to be stamped on a rating plate and secured to the inside of the instrument compartment with screws.
- 9.6 It must be possible to replace the CT's at any time without having to make any mechanical changes to the switchgear by means of removable busbar sections.

# 10. VOLTAGE TRANSFORMERS

- 10.1 All voltage transformers must comply with SABS IEC186.
- 10.2 \*Voltage transformers must be of the metal enclosed, oil immersed extractable type. Epoxy type voltage transformers will not be accepted.
- 10.3 The secondary voltage of the voltage transformer must be 110 volt.
- 10.4 The primary and secondary side of the voltage transformers must be protected with suitable rated HRC fuses. Neutral earthing of the secondary winding must be done through a removable link. No fuses shall be fitted in the connection to earth.
- 10.5 The primary of the voltage transformer must be connected to the busbar side of the switchgear through approved plug-in type connections arranged for easy isolation and removal of the voltage transformer from the switchgear.



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- 10.6 The output rating shall be suitable for the connected burden of simultaneous operation of all the spring wound motors and relays and shall be stated by the manufacturer in schedule B of the attached data sheets.
- 10.7 The voltage transformer shall have a voltage factor (VF) of 1.9.
- 10.8 A voltage selector relay shall be installed in the bus-coupler voltage transformers.
- 10.9 The voltage transformer shall be class 1 with a secondary star-point to ensure measurement of all three phases in accordance with NRS 048 (Quality of supply).

# 11. INDICATION

- 11.1 Provide cluster LED's for indication lights on the front of each panel to indicate the status of the circuit breaker. A push button must also be provided on the bus coupler panel with a timing circuit to switch the lights off after 5 minutes.
- 11.2 Also provide a test button on the bus coupler panel to simultaneously test all indication lights on the complete switchgear panel. Lights to be switched off automatically after 60 seconds with a timing circuit. This circuit must operate independent from the status indication in clause 11.1

### 11.3 Colour of indication:

| 11.3.1 | Circuit breaker off        | : | Green  |
|--------|----------------------------|---|--------|
| 11.3.2 | Circuit breaker on         | : | Red    |
| 11.3.3 | Circuit breaker racked out | : | Yellow |
| 11.3.4 | Cable earthed              | : | White  |

Single busbar:

11.3.5 Busbar one position : Single

# 12. BUSBARS AND CONNECTIONS

12.1 Busbars to be of copper tube or flat bar and insulated.



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- 12.2 Busbars, joints and connections between the busbars and other parts of the switchgear may not consist of bare conductors.
- 12.3 The insulation applied to conductors or used for barriers shall not be hygroscopic. The insulation shall not crack or deteriorate due to stresses met with during handling and transport or short circuit conditions and ageing.
- 12.4 Applied insulation shall be in intimate contact with conductors and joints to obviate voids.

# 13. EARTHING

- 13.1 Cable earthing must be provided on each panel with locking facility.
- 13.2 Cable sheath earthing shall be provided for by means of a detachable link for testing purposes.

# 14. **PROTECTION RELAYS**

- 14.1 Solid state protection relays with associated accessories (hardware, software and interface cables) as specified in schedule A of the attached Technical Data Sheet.
- 14.2 Supply and fit a master trip relay for transformer protection.

# 15. INTERLOCKING

The switchgear shall comply with the relevant standard specifications as far as safety devices and interlocking are concerned.

# 16. TEST TERMINALS



#### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

- **16.1** Readily accessible, suitable enclosed test terminal blocks shall be provided on the front of each panel for the purpose of testing each set of current transformers.
- 16.2 Supply one set, consisting of three (3) by single probes, to be used for HV tests and cable fault location. These probes shall be supplied in a locker, which can be fastened to the wall.

# 17. TESTS AND CERTIFICATES

- 17.1 Type test certificates: The successful tenderer must provide certified copies of the aforementioned certificates for the switchgear, voltage transformers and current transformers.
- 17.2 All relevant routine and commissioning tests must be carried out prior to delivery.
- 17.3 The Council shall be present at all tests mentioned in clause 17.2. The manufacturer must inform the representative of dates when tests are to be carried out.
- 17.4 Test results to be made available in triplicate to the Head: Electrical Engineering Services his approval.

### 18. DRAWINGS AND INSTRUCTIONS

The successful tenderer must supply the Council with the following drawings and instructions:

- 18.1 Two (2) sets of detailed instructions for erecting and dismantling of switchgear, with illustrations where necessary.
- 18.2 One (1) set of "as built" drawings on sepia and in electronic format (saved as DXF file and/or PDF file) showing the general arrangement, schematic and wiring diagrams of all the relevant circuits.
- 18.3 Two (2) sets of operating and maintenance instructions of the various items of the switchgear, instruments and relays.

### 19. LABELS



#### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

- 19.1 Designation labels must be provided on the front and rear of each panel.
- 19.2 Labels must display white letters on a black background when engraved. Where no designation is given, a blank label shall be fitted.
- 19.3 All labels must be fastened to the switchgear with 3 mm cheese-head screws. The label size must be 150 x 35 mm and the screw-hole centres to be 130 mm apart.

# 20. SPARES

Bidders shall state whether a complete range of spares is available locally for subsequent purchase by the Rustenburg Local Municipality as and when required.

# 21. DETAILED TECHNICAL SPECIFICATION

All information relating to the requirements for the rating and protection of the switchgear is specified in Schedule A of the Technical Data Sheet.

# 22. INFORMATION TO BE SUPPLIED BY BIDDER

- 22.1 Drawings giving measurements and relevant information of the switchgear offered must be included in the bid documents.
- 22.2 Bidders must also include all relevant technical information with regard to the type of switchgear, instruments and relays offered.
- 22.3 Bidders must also submit certified copies of the type tests certificates for the switchgear covering the making capacity and short-time current tests for each type of circuit breakers offered.
- 22.4 Test certificates must be issued by a recognised testing authority and the tests must be carried out in compliance with a recognized national or international standard.
- 22.5 Test reports which is not in the form of a certificate will not be acceptable, nor will a certificate be acceptable which does not state the identification of the circuit breaker.



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- 22.6 Bidders must indicate any deviations from the Technical Specifications. No deviation will be accepted
- 22.7 Bidders must fully complete schedule B of the attached Technical Data Sheet. Failing in doing so will render the bid invalid.

# 23. MANUFACTURING AND SPECIAL DESIGNS OF SWITCHGEAR BOARDS PER SUBSTATION AS REQUIRED PER ORDER

The bidder shall ensure that the switchgear designs and drawings from the manufacturer shall be submitted to Rustenburg Local Municipality for approval prior to manufacturing of any substation switchgear configuration required within the contract period.

# 24. OFFLOADING BY BIDDER

The bidder shall ensure that the switchgear is transported to the Rustenburg Municipal stores and offloaded correctly and safely. No payment will be approved if the panels are not offloaded safely.

### 25. WARRANTY

The equipment offered shall be warranted free from defects in workmanship and materials for a period of at least twelve (12) months from date of final commissioning or delivery. Any failures shall be repaired or replaced at the bidder's expense during the 12 months warranty period.

### 26. CERTIFICATES

Bidders must submit SANS, BS and IEC certificates of the equipment offered.

### 27. GENERAL

Only new manufactured equipment will be accepted.

#### 28. MAINTENANCE MANUAL

A maintenance manual or guideline must be submitted with tender document for scrutinizing to ensure sound maintenance on products in the event of being a successful supplier if applicable.

#### 29 SUPPLIERS



#### RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

If the bidder is not the manufacturer, it is the responsibility of the bidder to ensure that he has a credit agreement with his supplier (Company) from which he will be sourcing the product.

### 30 AFTER SALE SERVICE

The bidder shall supply all details regarding their after sale service on the equipment offered.

#### 31 SAMPLES

No Samples are required. The bidder shall ensure that the switchgear designs and drawings from the manufacturer shall be submitted to Rustenburg Local Municipality for approval prior to manufacturing.

Delivery of substandard material or equipment will in no approval of payment and the return of the product offered.

#### 31 FATS AND SATS

No Switchgear or equipment shall be transported without a **Factory Acceptance Test** at the manufacturers facility, dually signed off.

No Switchgear or equipment shall be energised or commissioned in any substation without the **Substation Installation Acceptance Test**, dually signed off.

### 9 ALTERNATIVE OFFERS

No Alternative offers will be considered.

#### 10 LOCAL CONTENT

Local Content on material or products will be in accordance with the Department Trade and Industry.

#### 11 CANCELATION CLAUSE

The delivery of substandard material or equipment or refrain from supplying it within the required timeframe will result in cancelation of the contract and the second highest scorer will be appointed.



|                   | METALCLAD                                   |                         |             |
|-------------------|---|-------------------------|-------------|
| PANEL T           | YPE A (MAIN SUB INCOMER WITH VT & VECTORAPH | & MATERTRIP)            |             |
|                   | TECHNICAL DATA SHEET                        |                         |             |
| TENDER NUMBER:    |   | COMPILED BY:            | V P BERGH   |
|                   |   | TEL:                    |             |
| BOARD DESIGNATION |   | I                       |             |
| SYSTEM            | SYSTEM VOLTAGE: 11 KV                       | <b>B/B INSULATION :</b> | PVC SLEEVE  |
|                   | FAULT LEVEL: 400 MVA                        | BUSBAR ARRGT:           | DOUBLE      |
|                   | IMPULSE LEVEL: 95 kV BIL                    | COLOUR:                 | LIGHT STONE |
|                   |   | SCHEDULE A              | SCHEDULE B  |
| NUMBER OF PANELS  |   |                         |             |
| PANEL             | MNFR. TYPE NUMBER                           |                         |             |
|                   | PANEL NUMBERS                               |                         |             |
|                   | FUNCTION                                    | INCOMER                 |             |
|                   | BUSBAR RATING                               | 1250 A / 2000A          |             |
| CIRCUIT BREAKER/  | MNFR. TYPE NUMBER                           |                         |             |
| SWITCH/           | TYPE  |                         |             |
| ISOLATOR          | MEDIUM                                      | VACUUM                  |             |
|                   | VOLTAGE                                     | 11 000                  |             |
|                   | BREAKING CAPACITY                           | 25kA / 31.5kA           |             |
|                   | CURRENT RATING                              | 800 A                   |             |
|                   | SPRING - HAND/MOTOR                         | 110 V.D.C               |             |
|                   | SHUNT TRIP COIL                             | 110 V.D.C               |             |
|                   | CLOSING COIL                                | 110 V.D.C               | -           |
|                   | SPRING RELEASE COIL                         | 110 V.D.C               |             |
|                   | U/V RELEASE                                 |                         | -           |
|                   | SPARE AUX CONTACTS                          | 2 N/O & 2 N/C           | -           |
|                   | HRC STRIKER FUSE                            |                         |             |
|                   | ELEC. HOLD VOLTAGE                          |                         |             |
|                   | MECHANISM                                   | M.W.S.                  |             |
|                   | INTERLOCK ( MACHANICAL - ELECTRICAL)        | BOTH                    |             |
|                   | RACKING SWITCH                              | ONE                     |             |
|                   | MECHANICAL LATCH                            |                         |             |
| CURRENT           | PILOT WIRE - ESKOM - CL X                   |                         |             |
| TRANSFORMERS      | PROTECTION 10 VA 10 P 10                    | 1200/600/5              |             |
|                   | METERING 10 VA CLASS 0.5                    | 1200/600/5              |             |
|                   | TEST BLOCKS FOR CT'S                        | YES                     |             |



# REQUIRED FOR A PERIOD OF THREE (03) YEARS

| <u>-</u>                | (EQUIRED FOR A PERIOD OF THREE (03) | ILARS          |
|-------------------------|-------------------------------------|----------------|
| VOLTAGE                 | TYPE                                | 11000/110 V    |
| TRANSFORMERS            | VA                                  | 400 VA         |
|                         | CLASS                               | 1              |
|                         | VF                                  | 1,9            |
|                         | CONNECTION                          | BUSBAR         |
| PROTECTION              | ALSTOM TYPE                         | МІСОМ          |
| RELAYS                  | 3 O/C & E/F + SEF                   | YES            |
|                         | PILOT WIRE                          |                |
|                         | TEST BLOCKS PK2 - 4 WAY TYPE        | ONE            |
|                         | TEST BLOCKS C & H TYPE              | ONE            |
| TRANSFORMER ( CL 14.2 ) | BUCHOLZ ALARM                       | YES            |
|                         | BUCHOLTZ TRIP                       | YES            |
|                         | TEMPERATURE ALARM                   | YES            |
|                         | TEMPERATURE TRIP                    | YES            |
|                         | MASTER TRIP                         | YES            |
| INSTRUMENTS             | AMMETER                             | YES            |
| PANEL EQUIPMENT         | AMMETER SELECTOR SWITCH             |                |
|                         | VOLTMETER                           | YES            |
|                         | VOLTMETER SELECTOR SWITCH           | YES            |
|                         |                                     | ELSTER 3 PHASE |
|                         | KWH METER                           | 4 WIRE         |
|                         | VECTOGRAPH                          | YES            |
| CONTROL                 | TRIP/NEUTRAL/CLOSE SWITCH           | ONE            |
|                         | LOCAL/REMOTE SWITCH                 | ONE            |
|                         | PUSH BUTTONS                        |                |
|                         | REMOTE SWITCHING PLUGS              | YES            |
|                         | L.E.D. ON / OFF INDICATING LIGHTS   | YES            |
| CABLE                   | INTEGRAL EARTHING                   | 1 X CABLE SIDE |
| COMPARTMENT             | TOP/BOTTOM ENTRY                    | BOTTOM         |
|                         | TERMINATION CLAMP                   |                |
|                         | CABLE TYPE (PILC - XLPE)            | XLPE           |
|                         | CABLE SIZE                          | 400 AL         |
|                         | CABLE CORES                         | 3              |
|                         | ISULATION                           | AIR            |
|                         | REAR TERMINAL BOX                   | YES            |
| ADDITITIONAL            | C.T WIRING SIZE                     | 2,5 mm         |
| INFORMATION             | CONTROL WIRE SIZE                   | 1,5 mm         |



|                   | METALCLAD  |  |   |
|-------------------|--|--|---|
| PANEL TYPE B (INC | OMING FEEDER WITH VT & WITHOUT A VECTORAPH AND                                       | MASTER TRIP)                                       |   |
| TENDER NUMBER:    | TECHNICAL DATA SHEET   | COMPILED<br>BY:<br>TEL:                            | V P<br>BERGH                              |
| BOARD DESIGNATION |  |  |   |
| SYSTEM            | SYSTEM VOLTAGE: 11 KV<br>400<br>FAULT LEVEL: MVA<br>95 kV<br>IMPULSE LEVEL: BIL      | B/B<br>INSULATION :<br>BUSBAR<br>ARRGT:<br>COLOUR: | PVC<br>SLEEVE<br>DOUBLE<br>LIGHT<br>STONE |
|                   |  | SCHEDULE A   | SCHEDUL<br>E B                            |
| NUMBER OF PANELS  |  |  |   |
| PANEL             | MNFR. TYPE<br>NUMBER   |  |   |
|                   | PANEL NUMBERS  |  |   |
|                   | FUNCTION   | INCOMER  |   |
|                   | BUSBAR RATING  | 1250 A / 2000A                                     |   |
| CIRCUIT BREAKER/  | MNFR. TYPE<br>NUMBER   |  |   |
| SWITCH/           | TYPE   |  |   |
| ISOLATOR          | MEDIUM   | VACUUM   |   |
|                   | VOLTAGE<br>BREAKING<br>CAPACITY  | 11 000<br>25kA / 31.5kA                            |   |
|                   | CURRENT RATING   | 800 A  |   |
|                   | SPRING -<br>HAND/MOTOR   | 110 V.D.C  |   |
|                   | SHUNT TRIP COIL  | 110 V.D.C  |   |
|                   | CLOSING COIL   | 110 V.D.C  |   |
|                   | SPRING RELEASE<br>COIL   | 110 V.D.C  |   |
|                   | U/V RELEASE<br>SPARE AUX<br>CONTACTS<br>HRC STRIKER<br>FUSE<br>ELEC. HOLD<br>VOLTAGE | 2 N/O & 2 N/C                                      |   |
|                   | MECHANISM  | M.W.S.   |   |



# <u>RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND</u> <u>DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN</u>

| REQUIR                  | <u>ED FOR A PERIOD OF THREE (03) YEARS</u> |             |  |
|-------------------------|--|-------------|--|
|                         | INTERLOCK ( MACHANICAL -<br>ELECTRICAL)    | вотн        |  |
|                         | RACKING SWITCH                             | ONE         |  |
|                         | MECHANICAL                                 |             |  |
|                         | LATCH                                      |             |  |
| CURRENT                 | PILOT WIRE - ESKOM - CL X                  |             |  |
| TRANSFORMERS            | PROTECTION 10 VA 10 P 10                   | 600/300/5   |  |
|                         | METERING 10 VA CLASS 0.5                   | 600/300/5   |  |
|                         | TEST BLOCKS FOR                            | VEO         |  |
|                         | CT'S                                       | YES         |  |
| VOLTAGE                 | TYPE                                       | 11000/110 V |  |
| TRANSFORMERS            | VA   | 400 VA      |  |
|                         | CLASS                                      | 1           |  |
|                         | VF   | 1,9         |  |
|                         | CONNECTION                                 | BUSBAR      |  |
| PROTECTION              | ALSTOM TYPE                                | MICOM       |  |
| RELAYS                  | 3 O/C & E/F                                | YES         |  |
|                         | PILOT WIRE                                 |             |  |
|                         | TEST BLOCKS PK2 - 4 WAY<br>TYPE            | ONE         |  |
|                         | TEST BLOCKS C & H TYPE                     | ONE         |  |
|                         | BUCHOLZ ALARM                              | YES         |  |
| TRANSFORMER ( CL 14.2 ) | BUCHOLTZ ALARMI                            | YES         |  |
|                         | TEMPERATURE                                | 160         |  |
|                         | ALARM                                      | YES         |  |
|                         | TEMPERATURE                                |             |  |
|                         | TRIP                                       | YES         |  |
|                         | MASTER TRIP                                | NO          |  |
| INSTRUMENTS             |  | YES         |  |
| PANEL EQUIPMENT         | AMMETER SELECTOR<br>SWITCH                 |             |  |
|                         | VOLTMETER                                  | YES         |  |
|                         | VOLTMETER SELECTOR                         |             |  |
|                         | SWITCH                                     | YES         |  |
|                         | KWH METER                                  | NO          |  |
|                         | VECTOGRAPH                                 | NO          |  |
| CONTROL                 | TRIP/NEUTRAL/CLOSE<br>SWITCH               | ONE         |  |
|                         | LOCAL/REMOTE                               |             |  |
|                         | SWITCH                                     | ONE         |  |
|                         | PUSH BUTTONS                               |             |  |
|                         | <b>REMOTE SWITCHING PLUGS</b>              | YES         |  |



# REQUIRED FOR A PERIOD OF THREE (03) YEARS

| <u>REU</u>   | <u>QUIRED FOR A PERIOD OF THREE (03) YEARS</u> |                   |
|--------------|--|-------------------|
|              | L.E.D. ON / OFF INDICATING                     |                   |
|              | LIGHTS   | YES               |
| CABLE        | INTEGRAL<br>EARTHING                           | 1 X CABLE<br>SIDE |
| COMPARTMENT  | TOP/BOTTOM<br>ENTRY                            | BOTTOM            |
|              | TERMINATION<br>CLAMP                           |                   |
|              | CABLE TYPE (PILC - XLPE)                       | XLPE              |
|              | CABLE SIZE                                     | 400 AL            |
|              | CABLE CORES                                    | 3                 |
|              | ISULATION                                      | AIR               |
|              | REAR TERMINAL<br>BOX                           | YES               |
| ADDITITIONAL | C.T WIRING SIZE                                | 2,5 mm            |
| INFORMATION  | CONTROL WIRE<br>SIZE                           | 1,5 mm            |
|              |  |                   |



|                          | METALO                    | CLAD              |                         |             |
|--------------------------|---------------------------|-------------------|-------------------------|-------------|
|                          | PANEL TYPE D (LOCAL TRF F | EEDER WITH VT & M | ETER)                   |             |
|                          | TECHNICAL D               | ATA SHEET         |                         |             |
| TENDER NUMBER:           |                           |                   | COMPILED BY:            | V P BERGH   |
|                          |                           |                   | TEL:                    |             |
| BOARD DESIGNATION SYSTEM | SYSTEM VOLTAGE:           | 11 KV             | <b>B/B INSULATION :</b> | PVC SLEEVE  |
| STOLEM                   | FAULT LEVEL:              | 400 MVA           | BUSBAR ARRGT:           | DOUBLE      |
|                          | IMPULSE LEVEL:            |                   | COLOUR:                 | LIGHT STONE |
|                          |                           | JORV DIL          | SCHEDULE A              | SCHEDULE B  |
| NUMBER OF PANELS         |                           |                   |                         | 0011200220  |
| PANEL                    | MNFR. TYPE NUMBER         |                   |                         |             |
|                          | PANEL NUMBERS             |                   |                         |             |
|                          | FUNCTION                  |                   | LOCAL TRF FEEDER        |             |
|                          | BUSBAR RATING             |                   | 1250 A / 2000A          |             |
| CIRCUIT BREAKER/         | MNFR. TYPE NUMBER         |                   |                         |             |
| SWITCH/                  | TYPE                      |                   |                         |             |
| ISOLATOR                 | MEDIUM                    |                   | VACUUM                  |             |
|                          | VOLTAGE                   |                   | 11 000                  |             |
|                          | BREAKING CAPACITY         |                   | 25kA / 31.5kA           |             |
|                          | CURRENT RATING            |                   | 1250 A                  |             |
|                          | SPRING - HAND/MOTOR       |                   | 110 V.D.C               |             |
|                          | SHUNT TRIP COIL           |                   | 110 V.D.C               |             |
|                          | CLOSING COIL              |                   | 110 V.D.C               |             |
|                          | SPRING RELEASE COIL       |                   | 110 V.D.C               |             |
|                          | U/V RELEASE               |                   |                         |             |
|                          | SPARE AUX CONTACTS        |                   | 2 N/O & 2 N/C           |             |
|                          | HRC STRIKER FUSE          |                   |                         |             |
|                          | ELEC. HOLD VOLTAGE        |                   |                         |             |
|                          | MECHANISM                 |                   | M.W.S.                  |             |
|                          | INTERLOCK ( MACHANIC      | CAL - ELECTRICAL) | BOTH                    |             |
|                          | RACKING SWITCH            |                   | ONE                     |             |
|                          | MECHANICAL LATCH          |                   |                         |             |
| CURRENT                  | PILOT WIRE - ESKOM - C    | CL X              |                         |             |
| TRANSFORMERS             | PROTECTION 10 VA 10 F     | ° 10              | 300/150/75/5            |             |
|                          | METERING 10 VA CLASS      | S 0.5             | 300/150/75/5            |             |
|                          | TEST BLOCKS FOR CT'S      |                   | YES                     |             |



|                         | REQUIRED FOR A PERIOD OF THREE (03) |                |  |
|-------------------------|-------------------------------------|----------------|--|
| VOLTAGE                 | TYPE                                | 11000/110 V    |  |
| TRANSFORMERS            | VA                                  | 400 VA         |  |
|                         | CLASS                               | 1              |  |
|                         | VF                                  | 1,9            |  |
|                         | CONNECTION                          | BUSBAR         |  |
| PROTECTION              | ALSTOM TYPE                         | MICOM          |  |
| RELAYS                  | 3 O/C & E/F                         | YES            |  |
|                         | PILOT WIRE                          |                |  |
|                         | TEST BLOCKS PK2 - 4 WAY TYPE        | ONE            |  |
|                         | TEST BLOCKS C & H TYPE              | ONE            |  |
| TRANSFORMER ( CL 14.2 ) | BUCHOLZ ALARM                       | YES            |  |
|                         | BUCHOLTZ TRIP                       | YES            |  |
|                         | TEMPERATURE ALARM                   | YES            |  |
|                         | TEMPERATURE TRIP                    | YES            |  |
|                         |                                     | YES            |  |
|                         | MASTER TRIP                         | NO             |  |
| INSTRUMENTS             | AMMETER                             | YES            |  |
| PANEL EQUIPMENT         | AMMETER SELECTOR SWITCH             |                |  |
|                         | VOLTMETER                           | YES            |  |
|                         | VOLTMETER SELECTOR SWITCH           | YES            |  |
|                         | KWH METER                           | ELSTER 1130    |  |
|                         | VECTOGRAPH                          | NO             |  |
| CONTROL                 | TRIP/NEUTRAL/CLOSE SWITCH           | ONE            |  |
|                         | LOCAL/REMOTE SWITCH                 | ONE            |  |
|                         | PUSH BUTTONS                        |                |  |
|                         | REMOTE SWITCHING PLUGS              | YES            |  |
|                         | L.E.D. ON / OFF INDICATING LIGHTS   | YES            |  |
| CABLE                   | INTEGRAL EARTHING                   | 1 X CABLE SIDE |  |
| COMPARTMENT             | TOP/BOTTOM ENTRY                    | BOTTOM         |  |
|                         | TERMINATION CLAMP                   |                |  |
|                         | CABLE TYPE (PILC - XLPE)            | XLPE           |  |
|                         | CABLE SIZE                          | 400 AL         |  |
|                         | CABLE CORES                         | 3              |  |
|                         | ISULATION                           | AIR            |  |
|                         | REAR TERMINAL BOX                   | YES            |  |
| ADDITITIONAL            | C.T WIRING SIZE                     | 2,5 mm         |  |
| INFORMATION             | CONTROL WIRE SIZE                   | 1,5 mm         |  |
|                         |                                     |                |  |



|                   | METALCLAD                           |                         |             |
|-------------------|-------------------------------------|-------------------------|-------------|
|                   | PANEL TYPE E (400/200/5 FEEDER      | (S)                     |             |
|                   | TECHNICAL DATA SHEET                |                         |             |
| TENDER NUMBER:    |                                     | COMPILED BY:            | V P BERGH   |
|                   |                                     | TEL:                    |             |
| BOARD DESIGNATION |                                     |                         |             |
| SYSTEM            | SYSTEM VOLTAGE: 11 KV               | <b>B/B INSULATION :</b> | PVC SLEEVE  |
|                   | FAULT LEVEL: 400 MVA                | BUSBAR ARRGT:           | DOUBLE      |
|                   | IMPULSE LEVEL: 95 kV BIL            | COLOUR:                 | LIGHT STONE |
|                   |                                     | SCHEDULE A              | SCHEDULE B  |
| NUMBER OF PANELS  |                                     |                         |             |
| PANEL             | MNFR. TYPE NUMBER                   |                         |             |
|                   | PANEL NUMBERS                       |                         |             |
|                   |                                     |                         |             |
|                   | FUNCTION                            | FEEDER                  |             |
|                   | BUSBAR RATING                       | 1250 A / 2000A          |             |
| CIRCUIT BREAKER/  | MNFR. TYPE NUMBER                   |                         |             |
| SWITCH/           | TYPE                                |                         |             |
| ISOLATOR          | MEDIUM                              | VACUUM                  |             |
|                   | VOLTAGE                             | 11 000                  |             |
|                   | BREAKING CAPACITY                   | 25kA / 31.5kA           |             |
|                   | CURRENT RATING                      | 800 AMP                 |             |
|                   | SPRING - HAND/MOTOR                 | 110 V.D.C               |             |
|                   | SHUNT TRIP COIL                     | 110 V.D.C               |             |
|                   | CLOSING COIL                        | 110 V.D.C               |             |
|                   | SPRING RELEASE COIL                 | 110 V.D.C               |             |
|                   | U/V RELEASE                         |                         |             |
|                   | SPARE AUX CONTACTS                  | 2 N/O & 2 N/C           |             |
|                   | HRC STRIKER FUSE                    |                         |             |
|                   | ELEC. HOLD VOLTAGE                  |                         |             |
|                   | MECHANISM                           | M.W.S.                  |             |
|                   | INTERLOCK (MACHANICAL - ELECTRICAL) | BOTH                    |             |
|                   | RACKING SWITCH                      | ONE                     |             |
|                   | MECHANICAL LATCH                    |                         |             |
| CURRENT           | PILOT WIRE - ESKOM - CL X           |                         |             |
| TRANSFORMERS      | PROTECTION 10 VA 10 P 10            | 3 X 400/200/5           |             |
|                   | METERING 10 VA CLASS 1              | 3 X 400/200/5           |             |



# REQUIRED FOR A PERIOD OF THREE (03) YEARS

| <u></u>                 | TEST BLOCKS FOR CT'S              | YES            |
|-------------------------|-----------------------------------|----------------|
| VOLTAGE                 | TYPE                              |                |
| TRANSFORMERS            | VA ( CLASS 10.6 )                 |                |
|                         | CLASS                             |                |
|                         | CONNECTION                        |                |
| PROTECTION              | ALSTOM TYPE                       | MICOM          |
| RELAYS                  | 3 O/C & E/F                       | YES            |
|                         | PILOT WIRE                        |                |
|                         | TEST BLOCKS PK2 - 4 WAY TYPE      | ONE            |
|                         | TEST BLOCKS C & H TYPE            | ONE            |
| TRANSFORMER ( CL 14.2 ) | MASTER TRIP                       |                |
| INSTRUMENTS             | AMMETER                           | YES            |
| PANEL EQUIPMENT         | AMMETER SELECTOR SWITCH           |                |
|                         | VOLTMETER                         |                |
|                         | VOLTMETER SELECTOR SWITCH         |                |
|                         | KWH METER                         |                |
| CONTROL                 | TRIP/NEUTRAL/CLOSE SWITCH         | ONE            |
|                         | LOCAL/REMOTE SWITCH               | ONE            |
|                         | PUSH BUTTONS                      |                |
|                         | REMOTE SWITCHING PLUGS            | YES            |
|                         | L.E.D. ON / OFF INDICATING LIGHTS | YES            |
| CABLE                   | INTEGRAL EARTHING                 | 1 X CABLE SIDE |
| COMPARTMENT             | TOP/BOTTOM ENTRY                  | BOTTOM         |
|                         | TERMINATION CLAMP                 |                |
|                         | CABLE TYPE (PILC - XLPE)          | XLPE           |
|                         | CABLE SIZE                        | 400 AL         |
|                         | CABLE CORES                       | 3              |
|                         | ISULATION                         | AIR            |
|                         | REAR TERMINAL BOX                 | YES            |
| ADDITITIONAL            | C.T WIRING SIZE -                 | 2,5 mm         |
| INFORMATION             | CONTROL WIRE SIZE                 | 1,5 mm         |
|                         |                                   |                |



|                   | METALCLAD                            |                         |             |
|-------------------|--------------------------------------|-------------------------|-------------|
|                   | PANEL TYPE G (RURAL O/H LINE FEEI    | DERS)                   |             |
|                   | TECHNICAL DATA SHEET                 |                         |             |
| TENDER NUMBER:    |                                      | COMPILED BY:            | V P BERGH   |
|                   |                                      | TEL:                    |             |
| BOARD DESIGNATION |                                      |                         |             |
| SYSTEM            | SYSTEM VOLTAGE: 11 KV                | <b>B/B INSULATION :</b> | PVC SLEEVE  |
|                   | FAULT LEVEL: 400 MVA                 | BUSBAR ARRGT:           | DOUBLE      |
|                   | IMPULSE LEVEL: 95 kV BIL             | COLOUR:                 | LIGHT STONE |
|                   |                                      | SCHEDULE A              | SCHEDULE B  |
| NUMBER OF PANELS  |                                      |                         |             |
| PANEL             | MNFR. TYPE NUMBER                    |                         |             |
|                   | PANEL NUMBERS                        |                         |             |
|                   |                                      |                         |             |
|                   | FUNCTION                             | <b>O/H LINE FEEDER</b>  |             |
|                   | BUSBAR RATING                        | 1250 A / 2000A          |             |
| CIRCUIT BREAKER/  | MNFR. TYPE NUMBER                    |                         |             |
| SWITCH/           | TYPE                                 |                         |             |
| ISOLATOR          | MEDIUM                               | VACUUM                  |             |
|                   | VOLTAGE                              | 11 000                  |             |
|                   | BREAKING CAPACITY                    | 25kA / 31.5kA           |             |
|                   | CURRENT RATING                       | 800 AMP                 |             |
|                   | SPRING - HAND/MOTOR                  | 110 V.D.C               |             |
|                   | SHUNT TRIP COIL                      | 110 V.D.C               |             |
|                   | CLOSING COIL                         | 110 V.D.C               |             |
|                   | SPRING RELEASE COIL                  | 110 V.D.C               |             |
|                   | U/V RELEASE                          |                         |             |
|                   | SPARE AUX CONTACTS                   | 2 N/O & 2 N/C           |             |
|                   | HRC STRIKER FUSE                     |                         |             |
|                   | ELEC. HOLD VOLTAGE                   |                         |             |
|                   | MECHANISM                            | M.W.S.                  |             |
|                   | INTERLOCK ( MACHANICAL - ELECTRICAL) | BOTH                    |             |
|                   | RACKING SWITCH                       | ONE                     |             |
|                   | MECHANICAL LATCH                     |                         |             |
| CURRENT           | PILOT WIRE - ESKOM - CL X            |                         |             |
| TRANSFORMERS      | PROTECTION 10 VA 10 P 10             | 3 X 400/200/5           |             |



# REQUIRED FOR A PERIOD OF THREE (03) YEARS

| <u> </u>                | METERING 10 VA CLASS 1            | 3 X 400/200/5   |
|-------------------------|-----------------------------------|-----------------|
|                         | TEST BLOCKS FOR CT'S              | YES             |
| VOLTAGE                 | TYPE                              | 125             |
|                         |                                   |                 |
| TRANSFORMERS            | VA ( CLASS 10.6 )                 |                 |
|                         | CLASS                             |                 |
|                         | CONNECTION                        |                 |
| PROTECTION              | ALSTOM TYPE                       | MICOM A/R RELAY |
| RELAYS                  | 3 O/C & E/F                       | YES             |
|                         | PILOT WIRE                        |                 |
|                         | TEST BLOCKS PK2 - 4 WAY TYPE      | ONE             |
|                         | TEST BLOCKS C & H TYPE            | ONE             |
| TRANSFORMER ( CL 14.2 ) | MASTER TRIP                       |                 |
| INSTRUMENTS             | AMMETER                           | YES             |
| PANEL EQUIPMENT         | AMMETER SELECTOR SWITCH           |                 |
|                         | VOLTMETER                         |                 |
|                         | VOLTMETER SELECTOR SWITCH         |                 |
|                         | KWH METER                         |                 |
| CONTROL                 | TRIP/NEUTRAL/CLOSE SWITCH         | ONE             |
|                         | LOCAL/REMOTE SWITCH               | ONE             |
|                         | PUSH BUTTONS                      |                 |
|                         | REMOTE SWITCHING PLUGS            | YES             |
|                         | L.E.D. ON / OFF INDICATING LIGHTS | YES             |
| CABLE                   | INTEGRAL EARTHING                 | 1 X CABLE SIDE  |
| COMPARTMENT             | TOP/BOTTOM ENTRY                  | воттом          |
|                         | TERMINATION CLAMP                 |                 |
|                         | CABLE TYPE (PILC - XLPE)          | XLPE            |
|                         | CABLE SIZE                        | 240 AL          |
|                         | CABLE CORES                       | 3               |
|                         | ISULATION                         | AIR             |
|                         | REAR TERMINAL BOX                 | YES             |
| ADDITITIONAL            | C.T WIRING SIZE -                 | 2,5 mm          |
| INFORMATION             | CONTROL WIRE SIZE                 | 1,5 mm          |
|                         |                                   | 1,5 mm          |



|                   | METALCLAD                            |                         |             |
|-------------------|--------------------------------------|-------------------------|-------------|
|                   | PANEL TYPE H (BUS SECTION)           |                         |             |
|                   | TECHNICAL DATA SHEET                 |                         |             |
| TENDER NUMBER:    |                                      | COMPILED BY:<br>TEL:    | V P BERGH   |
| BOARD DESIGNATION |                                      |                         |             |
| SYSTEM            | SYSTEM VOLTAGE: 11 KV                | <b>B/B INSULATION :</b> | PVC SLEEVE  |
|                   | FAULT LEVEL: 400 MVA                 | BUSBAR ARRGT:           |             |
|                   |                                      |                         | LIGHT GREY  |
|                   | IMPULSE LEVEL: 95 kV BIL             | COLOUR:                 | LIGHT STONE |
|                   |                                      | SCHEDULE A              | SCHEDULE B  |
| NUMBER OF PANELS  |                                      |                         |             |
| PANEL             | MNFR. TYPE NUMBER                    |                         |             |
|                   | PANEL NUMBERS                        |                         |             |
|                   | FUNCTION                             | BUS SECTION             |             |
|                   | BUSBAR RATING                        | 1250 A / 2000A          |             |
| CIRCUIT BREAKER/  | MNFR. TYPE NUMBER                    |                         |             |
| SWITCH/           | TYPE                                 |                         |             |
| ISOLATOR          | MEDIUM                               | VACUUM                  |             |
|                   | VOLTAGE                              | 11 000                  |             |
|                   | BREAKING CAPACITY                    | 25kA / 31.5kA           |             |
|                   | CURRENT RATING                       | 1250/ 2000 A            |             |
|                   | SPRING - HAND/MOTOR                  | 110 V.D.C               |             |
|                   | SHUNT TRIP COIL                      | 110 V.D.C               |             |
|                   | CLOSING COIL                         | 110 V.D.C               |             |
|                   | SPRING RELEASE COIL                  | 110 V.D.C               |             |
|                   | U/V RELEASE                          | -                       |             |
|                   | SPARE AUX CONTACTS                   |                         |             |
|                   | HRC STRIKER FUSE                     | -                       |             |
|                   | ELEC. HOLD VOLTAGE                   |                         |             |
|                   | MECHANISM                            | M.W.S.                  |             |
|                   | INTERLOCK ( MACHANICAL - ELECTRICAL) | BOTH                    |             |
|                   | RACKING SWITCH                       | ONE                     |             |
|                   | MECHANICAL LATCH                     |                         |             |
| CURRENT           | PILOT WIRE - ESKOM - CL X            | -                       |             |
| TRANSFORMERS      | PROTECTION 10 VA 10 P 10             |                         |             |



|                         | METERING 10 VA CLASS 0.5          |           |  |
|-------------------------|-----------------------------------|-----------|--|
|                         | TEST BLOCKS FOR CT'S              |           |  |
| VOLTAGE                 | ТҮРЕ                              |           |  |
| TRANSFORMERS            | VA ( CLASS 10.6 )                 |           |  |
|                         | CLASS                             |           |  |
|                         | CONNECTION                        |           |  |
| PROTECTION              | ABB TYPE                          |           |  |
| RELAYS                  | 3 O/C & E/F                       |           |  |
|                         | PILOT WIRE                        |           |  |
|                         | TEST BLOCKS PK2 - 4 WAY TYPE      |           |  |
|                         | TEST BLOCKS C & H TYPE            |           |  |
| TRANSFORMER ( CL 14.2 ) | MASTER TRIP                       |           |  |
| INSTRUMENTS             | AMMETER                           |           |  |
| PANEL EQUIPMENT         | AMMETER SELECTOR SWITCH           |           |  |
|                         | VOLTMETER                         |           |  |
|                         | VOLTMETER SELECTOR SWITCH         |           |  |
|                         | KWH METER                         |           |  |
| CONTROL                 | TRIP/NEUTRAL/CLOSE SWITCH         | ONE       |  |
|                         | LOCAL/REMOTE SWITCH               | ONE       |  |
|                         | PUSH BUTTONS                      | LAMP TEST |  |
|                         | TIMER                             | YES       |  |
|                         | SELECTOR RELAY                    | YES       |  |
|                         | REMOTE SWITCHING PLUGS            | YES       |  |
|                         | L.E.D. ON / OFF INDICATING LIGHTS | YES       |  |
| CABLE                   | INTEGRAL EARTHING                 |           |  |
| COMPARTMENT             | TOP/BOTTOM ENTRY                  |           |  |
|                         | TERMINATION CLAMP                 |           |  |
|                         | CABLE TYPE (PILC - XLPE)          |           |  |
|                         | CABLE SIZE                        |           |  |
|                         | CABLE CORES                       |           |  |
|                         | ISULATION                         |           |  |
|                         | REAR TERMINAL BOX                 |           |  |
| ADDITITIONAL            | C.T WIRING SIZE                   |           |  |
| INFORMATION             | CONTROL WIRE SIZE                 | 1,5 mm    |  |
|                         |                                   |           |  |
|                         |                                   |           |  |



# RLM/DTIS/0006/2022/23 - APPOINTMENT OF SERVICE PROVIDERS FOR THE MANUFACTURE, SUPPLY AND DELIVERY OF 11KV INDOOR SWITCHGEAR TO RUSTENBURG LOCAL MUNICIPALITY AS AND WHEN REQUIRED FOR A PERIOD OF THREE (03) YEARS

PRICING SCHEDULE