

BID NO: COM35/2026

APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132kV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.

CIDB GRADING: 7 EP AND HIGHER

PROCUREMENT DOCUMENT based on:

- Standard Conditions of Tender as contained in the Implementation Industry Development Board (CIDB) Standard for Uniformity in Engineering and Implementation Works Contracts
- The General Conditions of Contract for Implementation Works, Second Edition, 2015, published by the South African Institute of Electrical Engineering

SEPTEMBER 2022

Issued by:

**CITY OF MBOMBELA
1 NEL STREET
MBOMBELA
1200**

Prepared by:

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SCM enquiries Contact:

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Supply Chain Management
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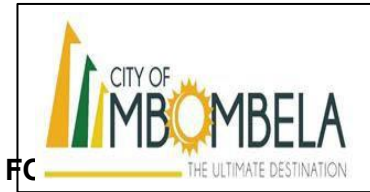
Technical enquiries Contact:

Name: Mthobisi Ndwandwe/Samkelisiwe Yimba
Project Manager

Tel: 013 759 9460/9354

Name of tenderer:

BID CLOSING DATE: 13 MAY 2026 AT 11:00



APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA PERIOD OF THREE YEARS.

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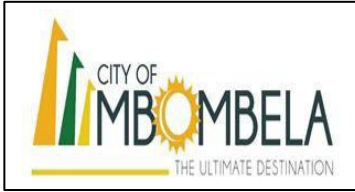
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C3 Scope of work

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BID NO: COM35/2025; APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS; CLOSING DATE: 13 MAY 2026 AT 11:00.

T1.1 Tender Notice and Invitation to Tender

City of Mbombela invites tenders for APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.

Tenderers should have a **CIDB contractor grading of 7EP of Higher**.

It is compulsory that service providers download a copy of the bid document that will ONLY be available as from **10 April 2026** on the e-Tenders: www.etenders.gov.za and www.mbombela.gov.za on the tenders and notices folder, free of charge.

Duly completed bid documents and supporting documents which are, COPY OF TAX COMPLIANCE STATUS, CERTIFIED COPY OF B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE, CURRENT MUNICIPAL RATES AND TAXES STATEMENTS FROM RELEVANT LOCAL AUTHORITY OR PROOF OF RES FROM A TRIBAL AUTHORITY OR LEASE AGREEMENT ACCOMPANIED BY THE LESSOR'S UP-TO-DATE RATES AND TAXES STATEMENTS FOR BOTH THE BUSINESS AND ACTIVE DIRECTORS INCLUDING JV/CONSORTIUM MEMBERS, CSD REGISTRATION FULL REPORT (Summary Report will not be considered) and a copy of the COMPANY REGISTRATION CERTIFICATE, together with the bid document must be sealed in an envelope clearly marked: **"BID NUMBER, FULL PROJECT DESCRIPTION AND CLOSING DATE"** with the name of the bidder shall be placed in the bid box at MBOMBELA CIVIC CENTRE at 1 NEL STREET, MBOMBELA, before 11:00 on the closing date.

Bids received by telegram, fax or e-mail will not be considered. Late bids shall not be accepted or considered.

No briefing session shall be conducted for this tender. Technical enquiries may be directed to the project manager on the below contact details.

Bidders are advised not to commit fraudulent activities or forge documents. All abusers of the SCM system, including forging or faking of returnable documents, may be reported to SAPS and restricted from doing business with any Public Institutions for a period NOT exceeding 10 years which is in line with section 28 and 29 of the Prevention and Combating of Corrupt Activities Act 12 of 2004.

A preferential point system shall apply whereby this contract will be allocated to a bidder in accordance with the Preferential Procurement Policy Framework Act, No 5 of 2000 and as defined in the conditions of bid in the bid document, read in conjunction with the Preferential Procurement Regulations, 2022, where 80 points will be allocated in respect of price and 20 points in respect of targeted goals.

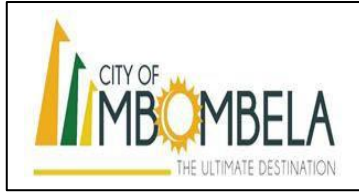
Procurement Enquiries : Christopher Nkambule
Tel: 013 759 2358

Technical Enquiries : Mthobisi Ndwandwe (013) 759 9460 / Samkelisiwe Yimba (013) 759 9354
Mthobisi.Ndwandwe@mbombela.gov.za / Samkelisiwe.Yimba@mbombela.gov.za

Employer : The City Manager: Mr. W Khumalo
City of Mbombela
P O Box 45; Mbombela; 1200

VISIT OUR WEBSITE: www.mbombela.gov.za

NB: the results of this bid will be published on council's website as prescribed on section 75(1) (g) of the MFMA and section 23(c) of the SCM Regulations



APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.

T1.2 Tender Data

Part 1: Standard Conditions of Tender

The conditions of Tender are the Standard Conditions of Tender as contained in the Implementation Industry Development Board (CIDB) Standard for Uniformity in Engineering and Implementation Works Contracts, August 2019 (See www.cidb.org.za). The Standard Conditions of Tender for Procurements make several references to the Tender Data for details that apply specifically to this Tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of Tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

Clause Number	Data
3.1	The Employer is: City of Mbombela, 1 Nel Street, Mbombela, 1200
3.2	The tender documents issued by the employer comprise the following documents: THE TENDER Part T1: Tendering procedures T1.1 - Tender notice and invitation to tender T1.2 - Tender data Part T2: Returnable documents T2.1 - List of returnable documents T2.2 - Returnable schedules THE CONTRACT Part C1: Agreements and Contract data C1.1 - Form of offer and acceptance C1.2 - Contract data C1.3 - Form of guarantee Part C2: Pricing data C2.1 - Pricing Assumptions C2.2 - Schedule of Rates / Price List Part C3: Scope of work C3 - Scope of work Part C4: Site information C4 - Site information
3.4	The employer's agent is : Project Manager
3.5	The language for communications is English
3.6	The competitive negotiation procedure shall not be applied

4.1.1	<p>Only those tenderers who satisfy the following eligibility criteria and who provide the required evidence in their tender submissions are eligible to submit tenders and have their tenders evaluated:</p> <p>a) CIDB registration</p> <p>Only those tenderers who are registered with the CIDB, or are capable of being so registered prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a</p>
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contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25 (7A) of the Implementation Industry Development Regulations, for a **7 EP or higher** class of implementation work, are eligible to have their tenders evaluated.

Tenderers registered as potentially emerging enterprises but with a CIDB contractor grading designation lower than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Implementation Industry Development Regulations, are not eligible to have their tenders evaluated.

For the sake of clarity and subject to satisfactory proof of a tenderer’s ability to perform the work specified at the tendered value, the Employer lists in the table below the margins it considers reasonable. However, in the event that the sum tendered exceeds the margins shown then such tender shall be deemed non-responsive.

Grading Designation	Tender Value Limit
5 EP	R 10 m
6 EP	R 20 m
7 EP	R 60 m
8 EP	R 200 m
9 EP	No Limit

Joint Ventures are eligible to submit tenders provided that:

- every member of the joint venture is registered with the CIDB;
- the lead partner has a contractor grading designation in the **7 EP** class of implementation work; and
- the combined contractor grading designation calculated in accordance with the Implementation Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a **7 EP** class of implementation work or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Implementation Industry Development Regulations.

b) Key Personnel

In order to be considered for an appointment in terms of this tender, the tenderer must have in its permanent employment key personnel who will be the single point accountability and responsibility for the management of the implementation works. Alternatively, a signed undertaking from an organisation having the required personnel, stating that they will undertake the necessary work on behalf of the tenderer in terms of a sub-contractor agreement, will be acceptable. Such undertaking must be attached to Forms U of the Returnable Schedules.

Individuals must be identified for each of the key personnel listed under Forms U. Where the key personnel are no longer available to undertake the necessary work after the award of the tender, the contractor shall within a period of 14 working days replace the key personnel listed in Forms U with personnel with equivalent competencies and subject to approval by the Employer. Such approval shall not be unreasonably withheld.

Failure to comply with the requirements or to complete Form U may render the tender non-responsive.

4.6

Failure to apply instructions contained in addenda may render a tenderer’s offer nonresponsive.

4.8	No briefing session shall be conducted for this tender. Technical enquiries may be directed to the project manager through email addresses on the invitation to tender.
4.10	Tenderers are required to state the rates and currencies in South African Rand (ZAR)
4.11	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer or correct errors made by the tenderer and ensure all signatories to the tender offer initial all such alterations.

4.12	No alternative tender offers will be considered
4.13	Telephonic, telegraphic, telex, facsimile or e-mailed tenders offers shall not be accepted.
4.13.4	The tenderer is required to submit all certificates as listed in the Schedule of Tender Compliance.
4.15	BID CLOSING DATE: 13 MAY 2026 @ 11:00
4.16.1	The tender offer validity period is 120 days .
4.16.2	<p>Where a tenderer, at any time after the opening of his tender offer but prior to entering into a contract based on his tender offer:</p> <ul style="list-style-type: none"> a) withdraws his tender; b) gives notice of his inability to execute the contract in terms of his tender; or c) fails to comply with a request made in terms of 4.17, 4.18 or 5.9, <p>such tenderer shall be barred from tendering on any of the Employer's future tenders for a period to be determined by the Employer, but not less than six (6) months, from the date of tender closure. The Employer may fully or partly exempt a tenderer from the provisions of this condition if he is of the opinion that the circumstances justify the exemption.</p>
4.18	Any additional information requested under this clause must be provided within 5 (five) working days of date of request.
4.20	The tenderer is required to submit with his tender a letter of intent from an approved insurer undertaking to provide the Performance Bond to the format included in Part C1.8 of this procurement document.
5.1	The employer shall respond to clarifications received up to 7 working days before tender closing time.
5.2	The employer shall issue addenda until 5 working days before tender closing time.
5.7	In the event of disqualification, the Employer may, at its sole discretion, impose a specified period during which tender offers will not be accepted from the offending tenderer and report same to CIDB and National Treasury.

5.9	<p>Arithmetical errors, omissions, discrepancies and imbalanced unit rates</p> <p>Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount appearing in the summary to the Pricing Schedule shall govern.</p> <p>Check responsive tender offers for:</p> <ul style="list-style-type: none"> a) the gross misplacement of the decimal point in any unit rate; b) omissions made in completing the pricing schedule or bills of quantities; or c) arithmetic errors in: <ul style="list-style-type: none"> i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or ii) the summation of the prices. d) imbalanced unit rates. <p>Notify shortlisted tenderers of all errors, omissions or imbalanced rates that are identified in their tender offers.</p> <p>Where the tenderer elects to confirm the errors, omissions or re-balancing of imbalanced rates the tender offer shall be corrected as follows:</p> <ul style="list-style-type: none"> a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the unit rate shall govern and the line item total shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted and the unit rate shall be corrected. b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall be corrected. c) Where the unit rates are imbalanced adjust such rates by increasing or decreasing them and selected others while retaining the total of the prices derived after any other corrections made under (a) and (b) above. <p>Where there is an omission of a line item, no correction is possible and the offer may be declared non-responsive.</p>
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	<p>Declare as non-responsive and reject any offer from a tenderer who elects not to accept the corrections proposed and subject the tenderer to the sanction under 4.16.2.</p> <p>The tenderer is required to submit balanced unit rates for rate only items in the pricing schedule. The rates submitted for these items will be taken into account in the evaluation of tenders.</p>
5.10	<p>A bid not complying with the requirements stated hereunder will be regarded as “non-Responsive”, and as such will be rejected/disqualified for further evaluation (Functionality)</p> <ul style="list-style-type: none"> • Proof of active CIDB contractor grading designation of 7 EP or higher • Submit copy of Annual Financial Statements (last 3 Financial Years, consecutively). For JV, Annual Financial Statements from all Service providers are required. • Submit copy of CSD Registration FULL report (summary report will NOT be considered) downloaded within 30 days before closing date. For JV, CSD full reports from all Service providers are required. • Submit company registration certificate • Proof of valid Public Liability, Insurance of works and Third-party insurance. The limit of indemnity for liability insurance is R10m. • Submit Tax Compliance Status issued by SARS • Submit Joint venture agreement in case of JV. • Submit identity document of business directors • Authority for Signatory duly signed and dated original or certified copy on the Company(s) Letterhead. • Fully completed and signed were applicable Form A-P Returnable Schedules. • Submit Letter of Good Standing (COIDA) relevant to Electrical Engineering works. For JV, Letter of Good Standing (COIDA) from all Service providers are required. • Fully Completed and signed Form of Offer. • The bidder must provide a valid copy of current municipal rates and taxes statement from relevant local authority / proof of residential from tribal authority (if the business is operating in a rural area) / lease agreement with the lessor’s up-to-date municipal rates and taxes statement for the business. Prospective bidders should ensure that the physical address details of the company on the CSD are similar to the one reflected on the company registration certificate. The municipality reserves the right to verify both the municipal rates and taxes of the company details reflected on the CSD and company registration certificates. It is prudent and remains the responsibilities of the prospective bidders to ensure that the company is cleared with regards to the municipal rates and taxes. • The bidder must provide valid copy of current municipal rates and taxes statement(s) from relevant local authority / proof of residential from tribal authority (if the director(s) is/are residing in rural areas) / lease agreement with the lessor’s up-to-date municipal rates and taxes statements for the director(s) including consortium and JV partners. Prospective bidders should ensure that the physical address / addresses details of the director(s) reflected on the company registration certificate are aligned to the address / addresses on the municipal rates and taxes statement(s) attached. The municipality further reserves the right to use ID numbers of the directors to verify if any municipal rates and taxes are not owned by each director. It is prudent and remains the responsibilities of the prospective bidders to ensure that each director or lessor’s municipal rates are cleared with regards to the municipal rates and taxes. • Submit certified copy of B-BBEE certificate of affidavit for B-BBEE (not disqualifying factor but non-claiming of B-BBEE points) <p>Certified copies of documentation (where applicable) must not be older than three months to be regarded as valid. Copies of “certified copies” will not be acceptable as true copies of original documents.</p>

5.11.5	<p>The procedure for the evaluation of responsive tenders is Method 2: Quality, Financial Offer and Preference.</p> <p>In the case of a functionality, price and preference:</p> <ol style="list-style-type: none">1) Score functionality, rejecting all tender offers that fail to achieve the minimum number of points for functionality as stated in the Tender Data.2) No tender must be regarded as an acceptable tender if it fails to achieve the minimum qualifying score for functionality as indicated in the tender invitation.3) Tenders that have achieved the minimum qualification score for functionality must be evaluated further in terms of the preference points system prescribed in below. <p>The total number of tender evaluation points (<i>TEV</i>) shall be determined in accordance with the following formula.</p>
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$$TEV = f_1 (NFO + NP) + f_2 NQ$$

where f_1 and f_2 are fractions, f_1 equals 1 minus f_2 and f_2 equals NFO is the number of tender evaluation points awarded for the financial offer made in accordance with 5.11.7 where the score for financial offer is calculated using the following formula

$$A = (1 - \frac{P - P_m}{P_m})$$

P_m

and W_1 equals:

- 1) 90 where the financial value inclusive of VAT of all responsive tenders received have a value in excess of R50 000 000 or
- 2) 80 where the financial value inclusive of VAT of one or more responsive tender offers have a value that equals or is less than R 50 000 000

NP is the number of tender evaluation points awarded for preferences claimed in accordance with the Preferencing Schedule NQ is the number of tender evaluation points awarded for quality offered in accordance with 5.11.9 where $W_2 = 100$.

Up to 100 minus W_1 tender evaluation points will be awarded to tenderers who complete the preferencing schedule and who are found to be eligible for the preference claimed.

5.11.8

Item No.	The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system)	Number of points allocated (90/10 system)
1.	100% Black owned enterprises within the definition of the HDI	2	
2.	At least 30% women owned enterprises	2	
3.	At least 30% youth owned enterprises	2	
4.	At least 30% enterprises people living with disabilities	2	
5.	for enterprise located within the local area of jurisdiction (City of Mbombela);	2	
6.	for enterprise who will sub-contract minimum of 30% of the contract value to EMEs in the ward or local communities where the services to be rendered of works to be undertaken	2	
7.	for Corporate Social Investment (CSI) or Social Labour Plan proposition;	5	
8.	for valid B-BBEE level 1 contribution (SANAS verified B-BBEE certificate for generic enterprise, and for EME and SME a sworn affidavit or CIPC issued certificate confirming annual turnover and level of Black Ownership).	3	
Total		20	

Corporate Social Investment (CSI)

NB: The minimum total value of the CSI should not be less than 2% of the total project value excluding vat and contingencies. The CSI project should be delivered concurrently with the project. The final product should be delivered prior to the issuing of completion certificate. The nature of the CSI project must benefit the community at large. (1 page, Arial font size 12) Prospective bidders will be expected to provide the City with a written explanation on how to implement the Corporate Service Investment on that particular ward, community or region. The investment must benefit the community at large. In order to claim points, a detailed one page report must be included in the list of returnable documents. The corporate social investment initiatives must be implemented by the company/successful bidder. The final details of the CSI project will be finalized prior to the signing of the contract in consultations with relevant stakeholders.

5.11.9

The quality criteria and maximum score in respect of each of the criteria are as follows:

Quality criteria	Maximum number of points	Returnable Schedule Form
Experience on previous contracts of a similar scope (over last Five years)	50	Form R
Plant and Equipment	22	Form S
Financial Reference	0	Form T
Key Personnel	28	Form U
Maximum possible score for quality (Ms)	100	

“(d) Tender offers will only be considered responsive if the **minimum quality requirement of 70 points** is achieved.

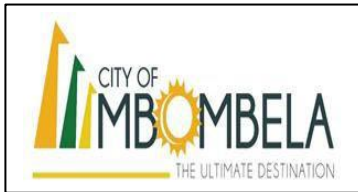
Tenderers are required to demonstrate their ability to undertake the work and provide proof of previous experience, expertise and availability of plant and equipment to undertake a project of this nature. **Tenderers are therefore required to meet a minimum Quality Score of 70% (70 points out of 100) based on the criteria listed above.** A score of less than 70 out of 100 points for Quality will render the tender non-responsive. The onus rests with the Tenderer to supply sufficient information to allow for evaluation and award of points detailed below. If insufficient is provided, zero points will be awarded for that particular item.

Note that Quality points are only used to determine responsiveness and will not be used further in the evaluation.

5.13	<p>Tender offers will only be accepted if:</p> <ul style="list-style-type: none">a) the tenderer is registered on the Central Supplier Database (CSD) for the South African government (see https://secure.csd.gov.za/) unless it is a foreign supplier with no local registered entityb) the tenderer is in good standing with SARS according to the Central Supplier Database.c) the tenderer submits a letter of intent from an approved insurer undertaking to provide the Performance Bond to the format included in Part C1.3 of this procurement documentd) the tenderer is registered with the Implementation Industry Development Board in an appropriate contractor grading designation.e) the tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;f) the tenderer has not:<ul style="list-style-type: none">i) abused the Employer's Supply Chain Management System; orii) failed to perform on any previous contract and has been given a written notice to this effect;
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	<p>f) the tenderer has completed the Compulsory Declaration and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process.</p> <p>g) the tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer.</p> <p>h) the employer is reasonably satisfied that the tenderer has in terms of the Implementation Regulations, 2003, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely.</p> <p>i) the tenderer is a registered electrical contractor with labour department</p> <p>j) the tenderer had not alter this bid document</p>
5.14	Return all returnable documents to the employer after completing them in their entirety, by writing legibly in non-erasable ink. Use of erasable ink will render such a tender offer unresponsive.
5.15	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited and will render such a tender offer unresponsive.
5.16	All request shall be in writing
6.1	<p>6.1 Termination of the Contractor's Employment by the Employer</p> <p>6.1.1 The Employer will be entitled to terminate the Contractor's employment under this Contract if the Contractor defaults in one or more of the following respects:</p> <p>(i) persistently does not proceed with the work in a regular and timely manner despite several notices in respect thereof;</p> <p>(ii) fails without reasonable cause to commence the work despite receiving a notice from the Contract Administrator to commence the work;</p> <p>(iii) suspends performance of the work before issue of the final completion certificate without valid grounds as provided in this contract;</p> <p>(iv) persistently refuses or neglects to comply with a notice or an instruction from the Contract Administrator;</p> <p>(v) does not provide the Performance Security within the time provided in the contract; and/or</p> <p>(vi) subcontracts out any work without prior written consent from the Contract Administrator.</p> <p>6.1.2 The Contract Administrator may give a written notice to the Contractor stating clearly the default. In the notice, the Contract Administrator must also instruct the Contractor to rectify the default and must warn the Contractor of the possibility of a termination if the default is not rectified.</p> <p>6.1.3 If following the notice, the Contractor does not rectify the default within 14 days as from the date the Contractor receives the notice, the Employer may then terminate the Contractor's employment under this contract in writing within seven days after the expiry of the 14 days' notice period.</p>

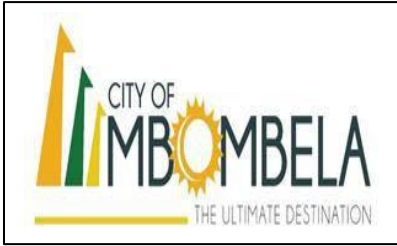
6.2	<p>6.2 Termination of the Contractor's Employment by the Contractor</p> <p>6.2.1 If the Employer does not pay the amount due to the Contractor in accordance with the provisions of this contract, then the Contractor may give a written notice to the Employer for non-payment. The Contractor may warn the Employer of the possibility of a termination or suspension if the amount due to him is not paid.</p> <p>6.2.2 If following the notice, the Employer does not affect payment within 30 days from the date of receipt of the notice, the Contractor may then either:</p> <ul style="list-style-type: none">(i) suspend the work by giving a written notice to suspend work not later than 7 days after the 30 days' notice period; or(ii) terminate the Contractor's employment under this contract which must be done in writing not later than 7 days after the expiry of the 30 days' notice.
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Part 2: Special Conditions of Tender

- i. The work will be distributed amongst the successful Bidder/s at the discretion of the council.
- ii. This tender will be broken into sub-activities where necessary to allow participation of more service providers so that construction can be completed within timeframes and allocated budget.
- iii. Where feasible, up to thirty percent (30%) of the contract value shall be made compulsory for sub-contracting to local companies (within CoM) irrespective of the *domicilium et exicutandi* of the contractor.



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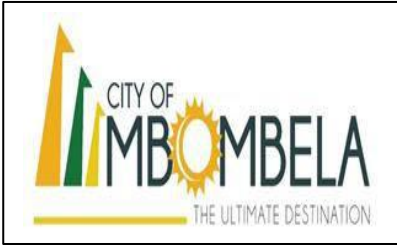
Part T2: RETURNABLE DOCUMENTS

Part T2.1: List of Returnable Documents

1. Failure to fully complete the **compulsory** returnable documents shall render such a tender offer unresponsive.
2. Tenderers shall note that their signatures appended to each returnable form **represents a declaration that they vouch for the accuracy and correctness of the information provided**, including the information provided by candidates proposed for the specified key positions.
3. Notwithstanding any check or audit conducted by or on behalf of the Employer, the information provided in the returnable documents is accepted in good faith and as justification for entering into a contract with a tenderer. **If subsequently any information is found to be incorrect such discovery shall be taken as willful misrepresentation by that tenderer to induce the contract.** In such event the Employer has the discretionary right under contract condition 9.2 to terminate the contract.
4. These forms must be completed in non-erasable ink and any alterations made prior to tender closure countersigned by an authorized signatory. The Tenderer must complete the following returnable Schedules required for Tender evaluation purposes:

PART 1: COMPULSORY RETURNABLE DOCUMENTS	
FORM A	TECHNICAL ENQUIRIES
FORM B	RECORD OF ADDENDA TO TENDER DOCUMENTS
FORM C	PROPOSED AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES
FORM D	PREFERENCING SCHEDULE: BROAD BASED BLACK ECONOMIC EMPOWERMENT
FORM E	COMPULSORY DECLARATION
FORM F	MUNICIPAL DECLARATION AND RETURNABLE DOCUMENTS
FORM G	CERTIFICATE OF INDEPENDENT TENDER
FORM H	DECLARATION OF GOOD STANDING REGARDING TAX
FORM I	DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES
FORM J	REGISTRATION ON NATIONAL TREASURY CENTRAL SUPPLIER DATABASE (CSD)
FORM K	DECLARATION OF TENDERER'S LITIGATION HISTORY
FORM L	AUTHORITY OF SIGNATORY
FORM M	SCHEDULE OF SPECIALIST SUBCONTRACTORS
FORM N	PROOF OF GOOD STANDING WITH COMPENSATION COMMISSIONER
FORM O	SCHEDULE OF CURRENT COMMITMENTS
FORM P	REGISTRATION WITH CIDB
FORM Q	NONE
PART 2: RETURNABLE FOR QUALITY CRITERIA	

FORM R	COMPANY EXPERIENCE IN RELATION TO SCOPE OF WORKS
FORM S	PLANT & EQUIPMENT
FORM T	FINANCIAL RESOURCES
FORM U	KEY PERSONNEL (FULL TIME QUALIFIED PERSON)
FORM V	METHOD STATEMENT



COM35/2026

APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.

T2.2 Returnable Documents

Part 1: COMPULSORY RETURNABLE DOCUMENTS

FORM A: TECHNICAL ENQUIRIES

No briefing session shall be conducted for this tender. Technical enquiries may be directed to the project manager through email addresses on the invitation to tender

FORM C: PROPOSED AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES (SIPDM)

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

The Tenderer’s attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer’s handling of material deviations and qualifications.

(a) AMENDMENTS

Page, Clause or Item No	Proposed Amendment

- Note: (1) Amendments to the General and Special Conditions of Contract are not acceptable;*
- (2) The Tenderer must give full details of all the financial implications of the amendments and qualifications in a covering letter attached to his tender.*

(This is not an invitation for alternatives but should the Tenderer desire to make any departures for the provisions of this contract he shall set out his proposals clearly hereunder.

(b) ALTERNATIVES

Proposed Alternative	Description of Alternative

- Note: (1) Individual alternative items that do not justify an alternative tender, and an alternative offer for time for completion should be listed here*
- (2) In the case of a major alternative to any part of the work, a separate Bill of Quantities, programme, etc. and a detailed statement setting out the salient features of the proposed alternatives must accompany the tender*
- (3) Alternative tenders involving technical modifications to the design of the works and methods of implementation shall be treated separately from the main tender offer.*

Signed Date

Name Position

FORM D: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 (MBD 6.1)

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

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

1. GENERAL CONDITIONS

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

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

a) The applicable preference point system for this tender is the **80/20** preference point system.

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

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

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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

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

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

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

80/20	or	90/10
$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$	or	$Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$

Where

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

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

3.2.1. POINTS AWARDED FOR PRICE

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

80/20	or	90/10
$Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$	or	$Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$

Where

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

4. POINTS AWARDED FOR SPECIFIC GOALS

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

- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
- (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

Item no.	The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system)	Number of points claimed (80/20 system) (To be completed by the tenderer)
A total of 8 preference points shall be allocated on a proportional or pro rata basis for contracting an enterprise owned by historically disadvantaged persons or individuals who meet the following requirements -			
1.	for 100% black person or people owned enterprise	2 points	
2.	for at least 30% woman or women shareholding or owned enterprise	2 points	
3.	For at least 30% youth shareholding or owned enterprise	2 points	
4.	for at least 30% people living with disability shareholding or owned enterprise	2 points	
A total of 12 preference points shall be allocated on a proportional or pro rata basis for implementing of programmes for RDP -			
5.	for enterprise located within the local area of jurisdiction	2 points	
6.	for enterprise who will sub-contract minimum of 30% of the contract value to EMEs in the ward or local communities where the services to be rendered of works to be undertaken	2 points	
7.	for Corporate Social Investment (CSI) or Social Labour Plan proposition (2% of the total budget allocated)	5 points	
8.	for valid B-BBEE level 1 contribution (SANAS verified B-BBEE certificate for generic enterprise, and for EME and SME a sworn affidavit or CIPC issued certificate confirming annual turnover and level of Black Ownership)	3 points	
The City will utilize the CSD report for the above-mentioned information.			

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;

- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

 SIGNATURE(S) OF TENDERER(S)
SURNAME AND NAME:
DATE:
ADDRESS:

FORM E: COMPULSORY DECLARATION

The following particulars must be furnished. In the case of a joint venture, separate declaration in respect of each partner must be completed and submitted.

Section 1: Enterprise Details

Name of enterprise:	
Contact person:	
Email:	
Telephone:	
Cell no	
Fax:	
Physical address	
Postal address	

Section 2: Particulars of companies and close corporations

Company / Close Corporation registration number	
--	--

Section 3: SARS Information

Tax reference number	
VAT registration number:	<i>(State Not Registered if not registered for VAT)</i>

Section 4: CIDB registration number

CIDB Registration number (if applicable)	
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Section 5: National Treasury Central Supplier Database

Supplier number

Unique registration reference number

Section 6: Particulars of principals

principal: means a natural person who is a partner in a partnership, a sole proprietor, a director of a company established in terms of the Companies Act of 2008 (Act No. 71 of 2008) or a member of a close corporation registered in terms of the Close Corporation Act, 1984, (Act No. 69 of 1984).

Full name of principal	Identity number	Personal tax reference number

Attach separate page if necessary

Section 7: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any principal is currently or has been within the last 12 months in the service of any of the following:

- | | |
|---|---|
| a member of any municipal council | an employee of any department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act of 1999 (Act No. 1 of 1999) |
| a member of any provincial legislature | a member of an accounting authority of any national or provincial public entity |
| a member of the National Assembly or the National Council of Province | an employee of Parliament or a provincial legislature |
| a member of the board of directors of any municipal entity | |
| an official of any municipality or municipal entity | |

If any of the above boxes are marked, disclose the following:

Name of principal	Name of institution, public office, board or organ of state and position held	Status of service <i>(tick appropriate column)</i>	
		Current	Within last 12 months

*insert separate page if necessary

Section 8: Record of family member in the service of the state

family member: a person’s spouse, whether in a marriage or in a customary union according to indigenous law, domestic partner in a civil union, or child, parent, brother, sister, whether such a relationship results from birth, marriage or adoption

Indicate by marking the relevant boxes with a cross, if any family member of a principal as defined in section 5 is currently or has been within the last 12 months been in the service of any of the following:

- | | |
|---|--|
| a member of any municipal council | an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| a member of any provincial legislature | a member of an accounting authority of any national or provincial public entity |
| a member of the National Assembly or the National Council of Province | an employee of Parliament or a provincial legislature |
| a member of the board of directors of any municipal entity | |
| an official of any municipality or municipal entity | |

Name of family member	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

***insert separate page if necessary**

Section 9: Record of termination of previous contracts with an organ of state

Was any contract between the tendering entity including any of its joint venture partners terminated during the past 5 years for reasons other than the employer no longer requiring such works or the employer failing to make payment in terms of the contract.

Yes No (Tick appropriate box)

If yes, provide particulars (insert separate page if necessary)

Section 10: Declaration

The undersigned, who warrants that he / she is duly authorized to do so on behalf of the tendering entity confirms that the contents of this Declaration are within my personal knowledge, and save where stated otherwise in an attachment hereto, are to the best of my belief both true and correct, and:

- i) neither the name of the tendering entity or any of its principals appears on:
 - a) the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004 (Act No. 12 of 2004)
 - ii) National Treasury’s Database of Restricted Suppliers (see www.treasury.gov.za) neither the tendering entity or any of its principals has within the last five years been convicted of fraud or corruption by a court of law (including a court outside of the Republic of South Africa);
 - iii) any principal who is presently employed by the state has the necessary permission to undertake remunerative work outside such employment (attach permission to this declaration);
 - iv) the tendering entity is not associated, linked or involved with any other tendering entities submitting tender offers
 - v) has not engaged in any prohibited restrictive horizontal practices including consultation, communication, agreement, or arrangement with any competing or potential tendering entity regarding prices, geographical areas in which goods and services will be rendered, approaches to determining prices or pricing parameters, intentions to submit a tender or not, the content of the submission (specification, timing, conditions of contract etc) or intention to not win a tender;
 - vi) has no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest;
 - vii) neither the tenderer or any of its principals owes municipal rates and taxes or municipal service charges to any municipality or a municipal entity and are not in arrears for more than 3 months;
 - viii) SARS may, on an on-going basis during the term of the contract, disclose the tenderer’s tax compliance status to the Employer and when called upon to do so, obtain the written consent of any subcontractors who are subcontracted to execute a portion of the contract that is entered into in excess of the threshold prescribed by the National Treasury, for SARS to do likewise.

Signed

Date

Name

Position

NOTE 1 The Standard Conditions of Tender contained in SANS 10845-3 prohibits anticompetitive practices (clause 3.1) and requires that tenderers avoid conflicts of interest, only submit a tender offer if the tenderer or any of his principals is not under any restriction to do business with employer (4.1.1) and submit only one tender either as a single tendering entity or as a member in a joint venture (clause 4.13.1). Clause 5.7 also empowers the Employer to disqualify any tenderer who engages in fraudulent and corrupt practice. Clause 3.1 also requires tenderers to comply with all legal obligations.

NOTE 2: Section 30(1) of the Public Service Act, 1994, prohibits an employee (person who is employed in posts on the establishment of departments) from performing or engaging remunerative work outside his or her employment in the relevant department, except with the written permission of the executive authority of the department. When in operation, Section 8(2) of the Public Administration Management Act, 2014, will prohibit an employee of the public administration (i.e. organs of state and all national departments, national government components listed in Part A of Schedule 3 to the Public Service Act, provincial departments including the office of the premier listed in Schedule 1 of the Public Service Act and provincial departments listed in schedule 2 of the Public Service Act, and provincial government components listed in Part B of schedule 3 of the Public Service Act) or persons contracted to executive authorities in accordance with the provisions of section 12A of the Public Service Act of 1994 or persons performing similar functions in organs of state from conducting business with the State or to be a director of a public or private company conducting business with the State. The offence for doing so is a fine or imprisonment for a period not exceeding 5 years or both. It is also a serious misconduct which may result in the termination of employment by the employer.

NOTE 3: Regulation 44 of Supply Chain Management regulations issued in terms of the Municipal Finance Management Act of 2003 requires that organs of state and municipal entities not award a contract to a person who is the service of the state, a director, manager or principal shareholder in the service of the state or who has been in the service of the state in the previous twelve months.

NOTE: 4: Regulation 45 of Supply Chain Management regulations requires a municipality or municipal entity to disclose in the notes to the annual statements particulars of any award made to a close family member in the service of the state.

NOTE: 5 Corrupt activities which give rise to an offence in terms of the Prevention and Combating of Corrupt Activities Act of 2004) include improperly influencing in any way the procurement of any contract, the fixing of the price, consideration or other moneys stipulated or otherwise provided for in any contract and the manipulating by any means of the award of a tender.

NOTE: 6 Section 4 of the Competition Act of 1998 prohibits restrictive horizontal practice including agreements between parties in a horizontal relationship which have the effect of substantially preventing or lessening competition, directly or indirectly fixing prices or dividing markets or constitute collusive tendering. Section 5 also prohibits restrictive vertical practices. Any restrictive practices that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties.

FORM F: MUNICIPAL DECLARATION AND RETURNABLE DOCUMENTS (SIPDM)

The following particulars must be furnished in relation to tenders for municipalities and municipal entities where:

- a) contractors are required; and
- b) goods, services or a combination thereof where the estimated total of the prices exceeds R 10 million including VAT.

In the case of a joint venture, separate municipal declarations and returnable documents shall be submitted in respect of each partner.

Section 1: Enterprise Details Name

of enterprise:	
Contact person: Email:	
Telephone:	
Cell no Fax:	
Physical address:	
Postal address:	

Section 2: Declaration for Contractor's services:

The enterprise has been awarded the following contract services by an organ of state during the last five years.

Name of organ of state	Estimated of contracts	Nature of service, e,g, quantity surveying	Service numb similar to required service (yes / no)?

Attach separate page as necessary

Section 3: Goods, services or a combination thereof where the estimated total of the prices exceeds R 10 million including VAT

I / we certify that

1 (tick one of the boxes):

- the enterprise **is not** required by law to prepare annual financial statements for auditing
- the enterprise **is** required by law to have audited annual financial statements and attached the audited financial statements for the past three financial years, or since the establishment as the enterprise was established within the past three years

2) the enterprise and its directors has / have no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days (i.e.: *all municipal accounts are paid up to date*) Attach Municipal Utility Account;

3) source of goods and / or services: (tick one of the boxes and insert percentages if applicable):

- goods and / or services are sourced only from within the Republic of South Africa
- % of the total cost of goods and / or services will be sourced from outside the republic of South Africa and the percentage of payment from the municipality or municipal entity which is expected to be transferred out of the Republic is%

I furthermore confirm that the following contracts were awarded to the enterprise by an organ of state during the last five years and attached particulars of any material non-compliance or dispute concerning the execution of such contracts:

Name of organ of state	Estimated number of contracts	Nature of contracts

Attach separate page as necessary

I, the undersigned who warrants that I am duly authorised on behalf of the tendering entity, hereby declare that the contents of this Declaration are within my personal knowledge, and save where stated otherwise are to the best of my belief both true and correct

Signed Date

Name Position

FORM G: CERTIFICATE OF INDEPENDENT TENDER (MBD 9)

Notes to tenderer:

- a) This certificate conforms to Treasury Regulation 16A9 and the requirement of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, that 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 tendering.
- b) Collusive tendering is a conspiracy between businesses that would normally be expected to compete, to agree not to compete, in a tender process.
- c) This certificate serves as a declaration by the tenderer that the tender submitted is free from any collusion with a competitor.

CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting the accompanying tender:

(Tender Number and Description)

in response to the invitation for the tender made by:

(Name of Municipality / Municipal Entity)

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

I certify, on behalf of: _____ that:

(Name of Tenderer)

- i) I have read and I understand the contents of this Certificate;
- ii) I understand that the accompanying tender will be disqualified if this Certificate is found not to be true and complete in every respect;
- iii) I am authorized by the tenderer to sign this Certificate, and to submit the accompanying tender, on behalf of the tenderer;
- iv) Each person whose signature appears on the accompanying tender has been authorized by the tenderer to determine the terms of, and to sign, the tender, on behalf of the tenderer;
- v) For the purposes of this Certificate and the accompanying tender, I understand that the word "competitor" shall include any individual or organization, other than the tenderer, whether or not affiliated with the tenderer, who:
 - (a) has been requested to submit a tender in response to this tender invitation;
 - (b) could potentially submit a tender in response to this tender invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the tenderer and/or is in the same line of business as the tenderer
- vi) The tenderer has arrived at the accompanying tender independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.

- vii) In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - a) prices;
 - b) geographical area where product or service will be rendered (market allocation)
 - c) methods, factors or formulas used to calculate prices;
 - d) the intention or decision to submit or not to submit, a tender;
 - e) the submission of a tender which does not meet the specifications and conditions of the tender; or
 - f) bidding with the intention not to win the tender.
- viii) 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 tender invitation relates.
- ix) The terms of the accompanying tender have not been, and will not be, disclosed by the tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening or of the awarding of the contract.
- x) I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to tenders and contracts, tenders that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Signature

Date

Capacity under which Tender is Signed

Name of Tenderer

FORM H: DECLARATION OF GOOD STANDING REGARDING TAX

Tax Compliance Status (TCS) PIN must be submitted together with the tender. Failure to submit the above-mentioned documentation will result in the invalidation of the tender.

In tenders where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN.

FORM I: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES (MBD 8)

Notes to tenderer:

1. This tender document must form part of all tenders invited.
2. This form 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 tender of any tenderer may be disregarded if that tenderer 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;
 - 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 this tender.

Item	Question	Yes	No
4.1	<p>Is the tenderer 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?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.1.1	If so, furnish particulars:		
4.2	<p>Is the tenderer 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)?</p> <p>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.</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.2.1	If so, furnish particulars:		
4.3	<p>Was the tenderer or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.3.1	If so, furnish particulars:		

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

Signature

Date

Capacity under which Tender is Signed

Name of Tenderer

FORM J: REGISTRATION ON NATIONAL TREASURY CENTRAL SUPPLIER DATABASE

The tenderer shall provide a printed copy of the Active Supplier Listing on the National Treasury Central Supplier Database. (www.treasury.gov.za). Tenderers who are not registered on the Central Supplier Database should attach proof of their application for registration (refer to Tender Data Clause 4.1). In the case of a Joint Venture, a printed copy of the Active Supplier Listing must be provided for each member of the Joint Venture. **Summary report will not be considered, therefore prospective Bidders must attach FULL CSD REGISTRATION REPORT not older than 30 days from the closing date.**

Name of Contractor:

.....

Central Supplier Database Supplier Number:

.....

FORM K: DECLARATION OF TENDERER'S LITIGATION HISTORY

Does the tenderer have any litigation with which tenderer (including its directors, shareholders or other senior members in previous companies) have been involved with any organ of state or state department within the last ten years?

If yes, furnish your details in table below.

YES	NO
-----	----

NB: It is compulsory for all Bidder/ss to sign this form

The tenderer shall list below details of any litigation with which the tenderer (including its directors, shareholders or other senior members in previous companies) has been involved with any organ of state or state department within the last ten years. The details must include the year, the litigating parties, the subject matter of the dispute, the value of any award or estimated award if the litigation is current and in whose favour the award, if any, was made.

Client	Other Litigating Party	Dispute	Award Value	Date Resolved

Signature

Date

Capacity under which Tender is Signed

Name of Tenderer

FORM L: AUTHORITY OF SIGNATORY

Details of person responsible for tender process:

Name:

Contact number:

Office address:

Signatories for close corporations and companies shall confirm their authority by attaching to this form a **duly signed and dated original or certified copy on the Company Letterhead** of the relevant resolution of their members or their board of directors, as the case may be.

PRO-FORMA FOR COMPANIES AND CLOSE CORPORATIONS:

"By resolution of the board of directors passed on *(date)*

Mr

has been duly authorized to sign all documents in connection with the Tender for Contract Number/Name

.....and any Contract which may arise there from on

behalf of

(BLOCK CAPITALS)

SIGNED ON BEHALF OF THE COMPANY

IN HIS CAPACITY AS

DATE

FULL NAMES OF SIGNATORY

SIGNATURE

AS WITNESSES: 1. NAME SIGNATURE

2. NAME SIGNATURE

PRO-FORMA FOR JOINT VENTURES:

Certificate of Authority for Joint Ventures

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise..... Mr/Ms authorised signatory of the company, acting in the capacity of lead partner, to sign all documents in connection with the tender offer an any contract resulting from it on our behalf.

NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
		Signature:..... Name: Designation:
		Signature: Name: Designation:
		Signature:..... Name: Designation:
		Signature:..... Name: Designation:

FORM M: SCHEDULE OF SPECIALIST SUB-CONTRACTORS

Notes to tenderer:

1. The tenderer shall list below the specialist items of work on this contract. Alternatives may be mentioned.
2. The tenderer shall state whether he intends to carry out any specialised work himself.

Acceptance of this tender shall not be construed as approval of all or any of the listed specialist subcontractors. Should any or all of the specialist subcontractors not be approved subsequent to the acceptance of the tender, it shall in no way invalidate this tender, and the tendered unit rates for the various items of work shall remain final and binding, even in the event of a subcontractor not listed below being approved by the engineer.

SPECIALISED ITEM	INDICATE IF SUB-CONTRACTED (Tick correct option)	
	YES	NO

In order to complete the Works under this Contract, I/we propose to employ the following sub-contractors to carry out the portion/type of work as detailed. **Affix Original or Certified proof of 3 previous projects for each sub-contractor.**

(Note: All proposed sub-contractors must be listed).

Sub-contractor: Name, Address and Telephone No.	Portion/type of work to be undertaken	
_____ _____ (____) _____		Previous value of work:
		Previous Experience:
_____ _____ (____) _____		Previous value of work:
		Previous Experience:

<p>_____</p> <p>_____</p> <p>(____)_____</p>		<p>Previous value of work:</p>
<p>_____</p> <p>_____</p> <p>(____)_____</p>		<p>Previous Experience:</p>
<p>_____</p> <p>_____</p> <p>(____)_____</p>		<p>Previous value of work:</p>
		<p>Previous Experience:</p>

FORM N: PROOF OF GOOD STANDING WITH COMPENSATION COMMISSIONER

Notes to tenderer:

1. Discovery that the tenderer has failed to make proper disclosure may result in City of Mbombela terminating a contract that flows from this tender on the ground that it has been rendered invalid by the tenderer's misrepresentation.
2. The tenderer shall attach in this tender, evidence that he is registered and in good standing with the compensation fund or with a licensed compensation insurer who is approved by Department of Labour in terms of section 80 of the Compensation for Injury and Disease Act 1993 (COIDA) (Act 130 of 1993).
3. Nature of Business in the COIDA Letter of Good Standing should be relevant to Electrical implementation works. Any other nature of business unrelated to Electrical implementation works shall render such a tender offer unresponsive.

FORM O: SCHEDULE OF CURRENT COMMITMENTS

Notes to tenderer:

- (a) The tenderer shall list below all contracts currently under implementation or awarded and about to commence and tenders for which offers have been submitted but awards not yet made.
- (b) In the event of a joint venture enterprise, details of all the members of the joint venture shall similarly be attached to this form.
- (c) The lists must be restricted to not more than 5 contracts and 5 tenders. If a tenderer's actual commitments or potential commitments are greater than 5 each, those listed should be in descending order of expected final contract value or sum tendered.

Contracts Awarded				
Employer	Project	Expected Value of contract (Inclusive of VAT)	Durations (Months)	Expected Completion Date

Tenders not Yet Awarded				
Employer	Project	Tendered Amount (Inclusive of VAT)	Tendered Durations (Months)	Expected Commencement Date

Signature

Date

Capacity under which Tender is Signed

Name of Tenderer

FORM P: REGISTRATION WITH CIDB

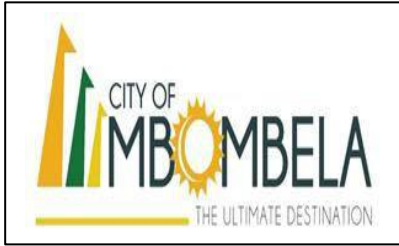
The tenderer shall provide a printed copy of the Active Contractor's Listing off the CIDB website. (www.cidb.org.za). Tenderers whose CIDB registration expires within 21 days after close of tender should attach proof of their application for re-registration (refer to Tender Data Clause 4.1). In the case of a Joint Venture, a printed copy of the Active Contractor's Listing must be provided for each member of the Joint Venture.

Name of Contractor:

Contractor Grading Designation:

CIDB Contractor Registration Number:

Expiry Date:



COM35/2026

APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.

Part 2: RETURNABLE DOCUMENTS FOR FUNCTIONALITY / QUALITY CRITERIA

FORM R: COMPANY EXPERIENCE IN RELATION TO SCOPE OF WORKS

The Tenderer will receive a maximum of 50 points based on information provided in this schedule.

1. Points will be given for projects completed of similar nature and size.
2. **ONLY PROJECTS LISTED BELOW IN THE FUNCTIONALITY TABLE WILL BE EVALUATED**
3. Projects of similar nature means implementation / maintenance work (excluding professional Fees) of:
 - i. New/upgrade of 6,6 -132kV Substation, Switching Station, Bulk Lines and Reticulation Network.
 - ii. Task orders (Planned/Unplanned maintenance work) for 6,6-132kV Substation, Switching Station, Bulk Lines and Reticulation Network.
4. The tenderer score points per project as per the table below with a value of above or equal to stipulated amount (Incl. Vat) **completed in the last 5 years.**
5. The tenderer may list only 4 projects of similar nature and size as per functionality table below.
6. Originally certified copies (Not older than 3 Months) of the following documentation must be attached for previous projects completed in the past 5 years:
 - i. Appointment letters / work-order plus,
 - ii. Completion certificate plus,
 - iii. Reference letter.

All must be on letterheads of the institution, with the following information contained where applicable:

(i) Description of the project, (ii) Value, (iii) Actual Implementation period, (iv) Date completed, (v) Client contact details and (vi) signed accordingly.

7. If subcontracting the main appointment letter from the client must be attached.
8. **Failure to submit all relevant information (certified copies of Appointment Letter and Completion Certificate plus Reference Letter) per project will result in the forfeiture of all points for that relevant project.**
8. Positive feedback from the contact person in the completion certificate and reference letter will contribute toward points allocated for the attached certificates of completion.
9. Negative feedback will forfeit all points, meaning zero (0) points will be allocated for the attached certificates of completion.
10. The experience of the Tenderer or joint venture partners in a consortium will be evaluated based on experience in similar projects or similar areas and conditions in relation to the scope of work required for this project.

Item	Details of Similar Projects Completed in the past 5 Years. ONLY PROJECTS LISTED BELOW WILL BE EVALUATED	Maximum Points	Points scored by
1	1 x Project/Order No.:Amount: R..... New/Upgrade Construction work excluding Professional Fees (6,6kV -132kV Substation, Switching Station and Bulk Lines excluding Electrification Completed in the past 5 Years) (MAXIMUM OF 1 LARGEST PROJECT TO BE CONSIDERED)		
	Value above R 10,000,000 and up to R 15,000,000 (Including Vat)	5	
	Value above R 15,000,000 and up to R 30,000,000 (Including Vat)	15	
	Value above R 30,000,000 (Including Vat)	20	
2	1 x Project/Order No.:Amount: R..... New/Upgrade Construction work excluding Professional Fees ((6,6kV -132kV Substation, Switching Station and Bulk Lines excluding Electrification Completed in the past 5 Years) (MAXIMUM OF 1, SECOND LARGEST PROJECT TO BE CONSIDERED)		
	Value above R 10,000,000 and up to R 15,000,000 (Including Vat)	5	
	Value above R 15,000,000 and up to R 30,000,000 (Including Vat)	15	
	Value above R 30,000,000 (Including Vat)	20	
3	1 x Project/Order No.:Amount: R..... New Construction work excluding Professional Fees (400V – 22kV Electrification / Reticulation Network Completed in the past 5 Years). (MAXIMUM OF 1 LARGEST PROJECT TO BE CONSIDERED)		
	Value above R 5,000,000 and up to R 10,000,000 (Including Vat)	1	
	Value above R 10,000,000 and up to R 20,000,000 (Including Vat)	2	
	Value above R 20,000,000 (Including Vat)	5	
4	Total Amount of Various Project/Order No.: R..... Maintenance work means: Task orders (Planned/Unplanned maintenance) for 400V-132kV Substation, Switching Station, Bulk Lines and Reticulation Network. Task order amount summed (added) and must be listed in the table below (Including Vat), completed within the past 5 Years. Failure to complete the schedule with attachments in Note 1 below will result in zero points. (MAXIMUM OF 5 LARGEST TASK ORDER/PROJECT TO BE CONSIDERED)		
	Value above R 2,000,000 and up to R 5,000,000 (Including Vat)	1	
	Above R 5,000,000 up to R 10,000,000 (Including Vat)	2	
	Above R 10,000,000 (Including Vat)	5	
	SUB TOTAL	50	

Note 1: Schedule for item 4 in the table above. Bidder/s are limited to a maximum of 4 proof of work orders. Original certified copies (Not older than 3 Months) of documents (i)-(iii) below for **each** project/order listed below must be attached.

- i. Appointment letter / work-order plus,
- ii. Completion certificate plus,
- iii. Reference letter

Note: If subcontracting the main appointment letter from the client must be attached.

Item no.	Description of Scope for Electrical Maintenance work completed (in Short). i.e Valencia Sub Maint. Work	Client Name. i.e City of Mbombela	Project or Order No.	Year Completed	Total Amount (Incl. Vat but Excluding Professional Fees)
1					
2					
3					
4					
TOTAL					

FORM S: LOCALITY, PLANT & EQUIPMENT

The tenderer will receive a maximum of 22 points based on information provided in this schedule.

The tenderer will receive Quality points for listing of plant available for this specific contract as follows:

Item	Description, size, capacity, etc.	Allocated Points if owned	Allocated Points if hired	Quantity Required	Points Scored by Evaluators
1	1 x 10Ton or above Truck with Hi-up crane plus Bucket (Note 1). Truck 1 Reg. No.:	4	2	1	
2	1 x 8Ton or above Truck with Hi-up crane plus Bucket (Note 1). Truck 2 Reg. No.:	4	2	1	
3	2 x 1Ton Bakkie (Note 1). Vehicle 1 Reg. No.: Vehicle 2 Reg. No.:	2 2		2	
4	Proof of an existing proper Workplace Facility within City of Mbombela Jurisdiction. The following information must be contained in the attachment: (i) Rates and Taxes Clearance from Relevant/Recognised Local Authority, (ii) Google map Aerial Colour photo of the Workplace Facility. (Note 2) a) Owned (Company/Director) Workplace Facility within City of Mbombela OR b) Leased Workplace Facility within City of Mbombela OR c) Letter of intent to establish / lease Workplace Facility within City of Mbombela in 14 days from date of appointment.	6 4 2		1	
5	a) Megger Tester (10 000 V) b) Transformer Test Ration (TTR) Copies of calibration Certificates with Serial Numbers and pictures must be attached. (Note 3)	2 2		2	
SUB TOTAL		22			

For JV: Proof from either Service provider will be accepted.

Note 1: *In case of ownership, tenderers to submit proof (ownership/lease) in the name of company/director to claim for full (100%) points. Proof of ownership should be in the form of copy of Motor Vehicle License (MVLX) or Motor Vehicle License and License disc (MVL1) OR Certificate of Registration (RC1) Or Valid Document issued by the Department of Transport PLUS picture of the vehicle/plant with the Reg. number visible. Failure to submit both will result in zero points.*

In case of lease agreement where allowed, half points allocated.

Note 2: *Tenderers to submit Proof of existing proper Workplace Facility within City of Mbombela Jurisdiction in the form of (i) Rates and Taxes Clearance from relevant/recognised Local Authority, (ii) Google map Aerial photo of the work facility. The facility may be inspected by the City prior signing of the contract. Failure to submit both (i) Rates and Taxes Clearance from Relevant/Recognised Local Authority, (ii) Google map Aerial photo of the work facility will result in zero points*

Note 3: *Tenderers to submit Proof of ownership in the form of Calibration certificates with serial numbers of the testing equipment PLUS picture of the equipment. Failure to submit both Calibration certificates plus picture of the equipment will result in zero points.*

FORM T: FINANCIAL RESOURCES DECLARATION OF PROCUREMENT ABOVE R 10 MILLION

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

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

YES / NO

1.1 If yes, submit audited 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 municipal for more than three months or any other service provider in respect of which payments is overdue for more than 30 days?

YES / NO

.....
.....

2.1 If no, this serves to certify that the tenderer 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 then 30 days?

.....
.....

2.2 If yes, please provide particulars

.....
.....

3.1 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

.....
.....

a. If yes, furnish particulars

.....
.....

4. Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion of payment from the municipality / /municipal entity is expected to be transferred out of the Republic?

YES / NO

4.1 If yes, furnish particulars

.....
.....

CERTIFICATION

I, THE UNDERSIGNED (NAME)

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

I ACCEPT THAT THE STE MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE

Signature

Date

Capacity under which Tender is
Signed

Name of Tenderer

FORM T: FINANCIAL RESOURCES DOCUMENTATION OF INTENT TO PROVIDE A PERFORMANCE GUARANTEE

PRO-FORMA FOR A PERFORMANCE GUARANTEE

Employer
(Name and Address) _____

Contract No _____

Contract Title _____

WHEREAS
(hereinafter referred to as "the Employer") entered into, a Contract with:

_____ (hereinafter called "the Contractor")

on the _____ day of _____ 20 _____

for the implementation of (Contract Title)

at _____

AND WHEREAS it is provided by such Contract that the Contractor shall provide the Employer with security by way of a guarantee for the due and faithful fulfilment of such Contract by the Contractor;

AND WHEREAS WE _____ (hereinafter referred to as "the

Guarantor") has/have at the request of the Contractor, agreed to give such guarantee;

NOW THEREFORE WE do hereby guarantee and bind ourselves jointly and severally as Guarantor and Co-Principal Debtor to the Employer under renunciation of the benefits of division and exclusion for the due and faithful performance by the Contractor of all the terms and conditions of the said Contract, subject to the following conditions:

- 1) The Employer shall, without reference and/or notice to us, have complete liberty of action to act in any manner authorised and/or contemplated by the terms of the said Contract, and/or to agree to any modifications, variations, alterations, directions or extension of the Completion Date of the Works under the said Contract, and that its rights under this guarantee shall in no way be prejudiced nor or liability hereunder be affected by reason of any steps which the Employer may take under such Contract, or of any modification, variation, alterations of the Completion Date which the Employer may make, give, concede or agree to under the said Contract.
- 2) This guarantee shall be limited to payment of a sum of money.
- 3) The Employer shall be entitled, without reference to us, to release any guarantee held by it, and to give time to or compound or make any other arrangement with the Contractor.

However, upon receipt by us of an authenticated copy of the Certificate of Completion in terms of the Contract, the amount of liability shall be reduced by 50% which shall be in force until the issue of the Final Approval Certificate at expiry of the Defects Liability Period

This guarantee shall remain in full force and effect until the issue of the Certificate of Completion in terms of the Contract, unless we are advised in writing by the Employer before the issue of the said Certificate of Completion

- 4) His intention to institute claims, and the particulars thereof, in which event this guarantee shall

remain in full force and effect until all such claims have been paid or liquidated,

5) Our total liability hereunder shall not exceed the sum of

R _____ (in figures)

(10% of the tender sum) that amount I/we agree to hold at your disposal.

6) The Guarantor reserves the right to withdraw from this guarantee by depositing the Guaranteed Sum with the beneficiary, whereupon the Guarantor's liability hereunder shall cease.

I/We declare that I/we, on behalf of the Guarantor, waive the legal exceptions available to a guarantor and undertake to pay the said amount or such portion thereof as may be demanded, immediately on receipt of a written demand from you.

A certificate under your hand shall be sufficient and satisfactory evidence as to the amount of the Guarantor's liability for the purpose of enabling provisional sentence or any similar relief to be obtained against the Guarantor.

This guarantee is neither negotiable nor transferable, and must be surrendered to the Guarantor in the event of the full amount of the Guarantee being paid to the Employer.

7) I/We hereby choose our address for the serving of all notices for all purposes arising here from as

IN WITNESS WHEREOF this guarantee has been executed by us at

_____ on the _____ day of _____ 20 _____

As witness:

1. _____ Signature _____
2. _____ Signature _____

Duly authorised to sign on behalf of (Guarantor)

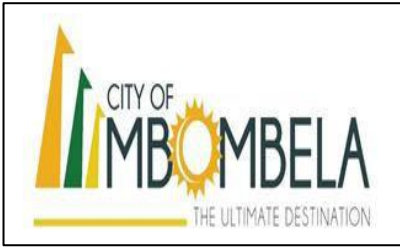
Address _____

FORM U: KEY PERSONNEL

The Tenderer will receive a maximum of 28 points based on information provided in this Schedule

1. Tenderers to submit Organogram to demonstrate the tenderer's project structure, as well as the lines of responsibility between members of the project team and the overall company structure. Attach own organogram to this form.
2. Tenderers to submit signed CV (**indicating current employer**) of the key personnel (**Full-time Qualified Persons**) plus the certified (Not older than 3 Months) copies of relevant qualifications as requested below. Failure to submit both signed CV (indicating current employment) of the key personnel plus the certified copies of relevant qualifications will result in zero points.

Item	Description	Maximum points to be allocated	Points scored by Evaluators
1	<p>Full-Time Project Engineer / Project Manager with a minimum of 10 years electrical work experience on 6,6kV– 132KV network and must be in possession of:</p> <ol style="list-style-type: none"> 1. Signed CV indicating current employer and work experience plus 2. Certified copy (Not older than 3 Months) of Certificate or above in Project Management Plus 3. Certified copy of both National Diploma in Electrical Engineering and Professional Engineer Technician (ECSA) certificate. Failure to provide both will results in zero points <p>Name & Surname:</p>	<p>3</p> <p>3</p> <p>6</p>	
2	<p>Full-Time Technician with a minimum of 10 years electrical work experience on 6,6kV – 132KV network and must be in possession of:</p> <ol style="list-style-type: none"> 1. Signed CV indicating current employer and work experience plus 2. Certified copy of National Diploma in Electrical Engineering . <p>Name & Surname:</p>	<p>3</p> <p>3</p>	
3	<p>Full-time Electrician or level above with minimum of 5 years electrical work experience on 6,6kV – 132kV network. And must be in possession of:</p> <ol style="list-style-type: none"> 1. Signed CV indicating current employer and work experience plus, 2. Certified Copies (Not older than 3 Months) of Electrical Trade Test Certificate 3. and Wireman's Licence. Trade Test Certificate and Wireman's Licence from two separate personnel will be accepted. <p>Name & Surname:</p> <p>Name & Surname:</p>	<p>3</p> <p>3</p> <p>2</p>	
4	<p>Company Organogram (<i>Indicating the roles of all the key personnel above. Mismatching will results in zero points</i>).</p>	<p>2</p>	
SUB TOTAL		<p>28</p>	



APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.

Part C1: Agreements and Contract Data

C1.1 Form of Offer and Acceptance

Form of Offer

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for the **APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.**

The tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance the tenderer offers to perform all of the obligations and liabilities of the **Contractor** under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the Contract Data.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VAT IS:

(in words)
Rand; R.....(in figures)

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the agreed period of validity, or other period as agreed, whereupon the tenderer becomes the party named as the **Contractor** in the conditions of contract identified in the Contract Data.

Signature(s) _____ Date _____

Name(s) _____

Capacity _____

For the tenderer:
(Insert name and address of organisation)

Name & signature of witness _____ Date _____

Acceptance

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the conditions of contract identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part C1 Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
- Part C2 Pricing Data
- Part C3 Scope of Work: Works
- Information Part C4 Site Information

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now **Contractor**) within five working days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

Signature(s)

Name(s)

Capacity

for the

Employer

(Insert name and address of organisation)

Name & signature of witness

Date

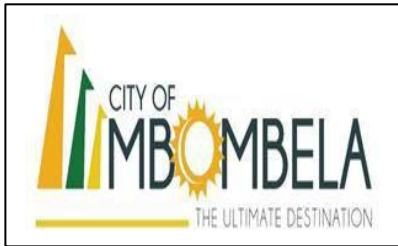
Schedule of Deviations

- 1 Subject
- Details
-
-
-
-
- 2 Subject
- Details
-
-
-
-
- 3 Subject
- Details
-
-
-
-
- 4 Subject
- Details
-
-
-
-
- 5 Subject
- Details
-
-
-
-

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from the draft contract, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.



APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.

C1.2 Contract Data

Part 1: Data Provided by the Employer

CONDITIONS OF CONTRACT

The General Conditions of Contract for Implementation Works, Second Edition, 2015, published by the South African Institute of Electrical Engineering, Private Bag X200, Halfway House, 1685, are applicable to this Contract and is obtainable from www.saiee.org.za.

CONTRACT SPECIFIC DATA

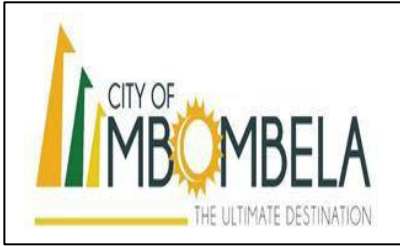
The following contract specific data, referring to the General Conditions of Contract for Implementation Works, Second Edition, 2015, are applicable to this Contract:

Clause	Data
1.1.1.13	The Defects Liability Period is 12 months .
1.1.1.15	The name of the Employer is CITY OF MBOMBELA
1.1.1.16	The Name of the Employer's Agent is Name: TBA Address: Tel: Fax: E-mail:
1.1.1.26	The pricing strategy: Re-Measurement
1.2.1.2	The Employer's address for receipt of communications is: Physical address: 1 Nel Street MBOMBELA 1200 Telephone: 013 759 2232 E-mail: linge.ngubane@mbombela.gov.za Postal address: PO Box 45 MBOMBELA 1200
1.2.1.2	The Employer's Agent address for receipt of communications is: TBA

2.4	<p>Variations to the Conditions of Contract are:</p> <p>Add the following at the end of sub clause 2.4.1: " The several documents forming the Contract shall rank in the following order of precedence:</p> <ol style="list-style-type: none"> 1. Contract Agreement, 2. Form of Offer and Acceptance, 3. Contract Data, 4. Specification Data, 5. City of Mbombela Electrical Reticulation Standards & Specifications 6. Standardized Specifications, 7. Drawings, 8. Schedule of Rates, 9. Statutory Regulations, 10. Other standard specifications. <p>If the contents of any part of the documents contradict any other part, the document in the highest position on the above order of precedence shall have preference and apply."</p>
4.3.3	<p>Add the following at the end of sub clause 4.3.2: "4.3.3 The Employer and the Contractor hereby agree, in terms of the provisions of Section 37(2) of the Occupational Health and Safety Amendment Act, 1993 (Act 85 of 1993), hereinafter referred to as 'the Act', that the following arrangements and procedures shall apply between them to ensure compliance by the Contractor with the provisions of the Act:</p> <ol style="list-style-type: none"> (i) The Contractor undertakes to acquaint the appropriate officials and employees of the Contractor with all relevant provisions of the Act and the Regulations promulgated in terms of the Act. (ii) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and Regulations on the Contractor will be fully complied with. (iii) The Contractor accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed by the Act and Regulations and expressly absolves the Employer from himself being obliged to comply with any of the aforesaid duties, obligations and prohibitions, with the exception of such duties, obligations and prohibitions expressly assigned to the Employer in terms of the Act and its associated Regulations. (iv) The Contractor agrees that any duly authorized officials of the Employer shall be entitled, although not obliged, to take such steps as may be necessary to monitor that the Contractor has conformed to his undertakings as described in paragraphs (i) and (ii) above, which steps may include, but will not be limited to, the right to inspect any appropriate site or premises occupied by the Contractor, or any appropriate records or safety plans held by the Contractor. (v) The Contractor shall be obliged to report forthwith to the Employer and Employer's Agent any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act and Regulations, pursuant to work performed in terms of this Contract, and shall, on written demand, provide full details in writing, to the Employer and Employer's Agent, of such investigation, complaint or criminal charge. The Contractor shall furthermore, in compliance with Implementational Regulations 2003 to the Act: (vi) Acquaint himself with the requirements of the Employer's health and safety specification as laid down in regulation 5(1) of the Implementation Regulation 2014, and prepare a suitably and sufficiently documented health and safety plan as contemplated in regulation 6(1) of the Implementation Regulation 2014 for approval by the Employer or his assigned agent. The Contractor's health and safety plan and risk assessment shall be submitted to the Employer for approval within seven (7) days after acceptance of the bid. And shall be implemented and maintained from the Commencement of the Works. (vii) The Employer, or his assigned agent, reserves the right to conduct periodic audits, as contemplated in the Implementation Regulations 2003, to ensure that the Contractor is compliant in respect of his obligations. Failure by the Contractor to comply with the requirements of these Regulations shall entitle the Employer's Agent, at the request of the Employer or his agent, to suspend all or any part of the Works, with no recourse whatsoever by the Contractor for any damages incurred as a result of such suspension, until such time that the Employer or his agents are satisfied that the issues in which the Contractor has been in default have been rectified."

5.3.1	The documentation required before commencement with Works execution are: <ul style="list-style-type: none"> • Health and Safety Plan (Refer to Clause 4.3.1) • Initial programme (Refer to Clause 5.6.1) • Security / Performance Guarantee (Refer to Clause 6.2.1) • Insurance (Refer to Clause 8.6.1)
5.3.2	The time to submit the documentation required before commencement with Works execution is 14 days.
5.4.2	The access and possession of site shall not be exclusive to the contractor
5.8.1	The non-working days are Sundays The special non-working days are: (1) Public holidays (2) The year-end break commencing on 12 December and ending on 3 January
5.13.1	The penalty for failing to complete the Works is R 5 000 per calendar day
5.14.1	Practical completion is reached when: The Construction complete and commissioned.
5.16.3	The latent defect period is 1 year after date of completion.
	The percentage allowances to cover all charges for the Contractor's and subcontractor's profits, timekeeping, clerical work, insurance, establishment, superintendence and the use of hand tools is 15% .
6.8.2	The value of payment certificates is to be adjusted in accordance with the Contract Price Adjustment Schedule on page 86 of GCC 2015, where. The value of "x" is 0,10 The values of the co-efficient are: a = 0,25 b = 0,30 c = 0 35 d = 0,10 The indices for "L", "P", "M" and "F" are the following as published by Statistics South Africa: "L" is the "Labour Index" As published in the Statistical News Release P0141 Additional tables: Table 14 "CPI – all items, according to area" of Statistics South Africa. "P" is the "Contractors Equipment Index" as published in the Statistical News Release PO151, Table 4 – "Electrical Contracting Materials" of Statistics South Africa. "M" is the "Materials Index" published in the Statistical News Release PO151, Table 3 - "Electrical Engineering" of Statistics South Africa. "F" is the "Fuel Index" as published in Statistical News Release PO151, Table 4 of Statistics South Africa. The site is located in the City of Mbombela. The base month is The calendar month during which a contract was entered into.
6.10.1.5	The percentage advance on materials not yet built into the Permanent Works is 80% .
6.10.3	The limit of retention money is 10% to a maximum of 5% of the contract value.
8.6.1.1.2	Not required
8.6.1.3	The limit of indemnity for liability insurance is R10m.

10.5.2	Dispute resolution shall be ad-hoc adjudication.
10.5.3	The number of Adjudication Board Members to be appointed is one .
10.7.1	The determination of disputes shall be by arbitration .
Special Clause	The Contractor's CIDB grading must remain active at the same of higher level as at time of appointment, should the grading be suspended, downgraded and or expire the Contractor will only be allowed 21 days to remedy such and failure could result in termination of the Contract.



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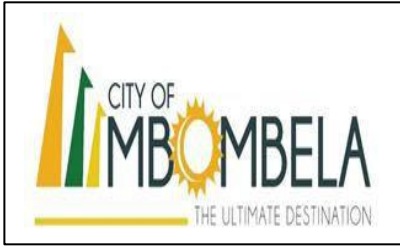
Part 2: Data provided by the Contractor

The Contractor is advised to read the *General Conditions of Contract for Implementation Works (2015)*, published by the South African Institution of Civil Engineering, in order to understand the implications of this Data which is required to be completed. Copies of these conditions of contract may be obtained from the South African Institution of Civil Engineering (tel 011-805 5947).

Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it mainly applies.

Clause	Data
1.1.1.9	The Contractor is. Name.
1.2.1.2	The address of the Contractor is: .Address (physical): Address (postal): Telephone: Facsimile: e-mail:

6.2.1	<p>The security to be provided by the Contractor shall be one of the following:</p> <table border="1" data-bbox="295 230 1430 450"> <thead> <tr> <th data-bbox="295 230 1201 324">Type of security <i>(Indicate if Value Added Tax is excluded from the Contract Sum and the value of the Works for calculating the percentages)</i></th> <th data-bbox="1201 230 1430 324">Contractor's choice. Indicate "Yes" or "No"</th> </tr> </thead> <tbody> <tr> <td data-bbox="295 324 1201 387"><i>Fixed Performance guarantee of 10% of the Contract Sum plus retention of 10% of the value of the Works.</i></td> <td data-bbox="1201 324 1430 387"></td> </tr> <tr> <td data-bbox="295 387 1201 450"><i>Variable Performance Guarantee of 10 % of the Contract Sum for the First, Second & Third FY plus retention of 10 % of the value of the Works.</i></td> <td data-bbox="1201 387 1430 450"></td> </tr> </tbody> </table> <p><i>Note: In the 'Standard for Uniformity in Implementation Procurement' in Section 4.4.4.4 it is stated that: "Retention monies that are held shall not exceed 10% of any amount due to the contractor. Where guarantees of an insurance company of bank that are provided are equal to or greater than 10% of the contract price, the total amount of retention monies shall not exceed 5% of the contract price."</i></p>	Type of security <i>(Indicate if Value Added Tax is excluded from the Contract Sum and the value of the Works for calculating the percentages)</i>	Contractor's choice. Indicate "Yes" or "No"	<i>Fixed Performance guarantee of 10% of the Contract Sum plus retention of 10% of the value of the Works.</i>		<i>Variable Performance Guarantee of 10 % of the Contract Sum for the First, Second & Third FY plus retention of 10 % of the value of the Works.</i>	
Type of security <i>(Indicate if Value Added Tax is excluded from the Contract Sum and the value of the Works for calculating the percentages)</i>	Contractor's choice. Indicate "Yes" or "No"						
<i>Fixed Performance guarantee of 10% of the Contract Sum plus retention of 10% of the value of the Works.</i>							
<i>Variable Performance Guarantee of 10 % of the Contract Sum for the First, Second & Third FY plus retention of 10 % of the value of the Works.</i>							



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C1.3 Form of Guarantee

Employer: *(name and address)*.....
.....

Contract No:
(Contract title).....

WHEREAS
(hereinafter referred to as "the Employer") entered into, on the.....day of
.....20
a Contract with
(hereinafter called "the Contractor") for *(CONTRACT TITLE)*
.....at

AND WHEREAS it is provided by said Contract that the Contractor shall provide the Employer with security by way of a guarantee for the due and faithful fulfilment of the Contract by the Contractor;

AND WHEREAS (Hereinafter referred to as the Guarantor) has/have at the request of the Contractor, agreed to give such security;

NOW THEREFORE WE,

do hereby guarantee to the Employer under renunciation of the benefits of division and exclusion the due and faithful performance by the Contractor of all the terms and conditions of the said Contract, subject to the following conditions:

1. The Employer shall, without reference and/or notice to me/us, have complete liberty of action to act in any manner authorised and/or contemplated by the terms of the said Contract, and/or to agree to any modifications, variations, alterations, directions or extensions of the Due Completion Date of the Works under the said Contract, and that its rights under this guarantee shall in no way be prejudiced nor our liability hereunder be affected by reason of any steps which the Employer may take under such Contract, or of any modification, variation, alterations of the Due Completion Date which the Employer may make, give, concede or agree to under the said Contract.
2. This guarantee shall be limited to the payment of a sum of money.
3. The Employer shall be entitled, without reference to us, to release any securities held by it, and to give time to or compound or make any other arrangement with the Contractor.
4. This guarantee shall remain in full force and effect until the issue of the Certificate of Completion in terms of the Contract, unless we are advised in writing by the Employer before the issue of the said Certificate of his intention to institute claims, and the particulars thereof, in which event this guarantee shall remain in full force and effect until all such claims have been paid or liquidated.

5. My/Our total liability in terms hereof shall be limited to the sum of R (in words) (10 % of the tender sum) which amount I/we agree to hold at your disposal.

6. I/We declare that I/we, on behalf of the Guarantor, waive the legal exceptions available to a guarantor and undertake to pay the said amount or such portion thereof as may be demanded, immediately on receipt of a written demand from you.

A certificate under your hand shall be sufficient and satisfactory evidence as to the amount of the Guarantor's liability for the purpose of enabling provisional sentence or any similar relief to be obtained against the Guarantor.

This guarantee is neither negotiable nor transferable, and must be surrendered to the Guarantor in the event of the full amount of the Guarantee being paid to the Employer.

7. I/We hereby choose domicilium citandi et executandi for all purposes arising hereof at

IN WITNESS WHEREOF this guarantee has been executed by us aton this.....day of 20.....

Signature

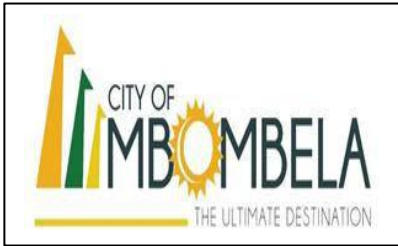
Duly authorized to sign on behalf of: (Guarantor)

Address
.....
.....

As witnesses:

1.

2.



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C1.2 AGREEMENT IN TERMS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)

THIS AGREEMENT made at

on this the day of in the year

between CITY OF MBOMBELA (hereinafter called "the Employer") of the one part, herein represented by

in his capacity as

and

(hereinafter called "the Mandatory") of the other part, herein represented by

.....

in his capacity as

WHEREAS the Employer is desirous that certain works be constructed, viz APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS. and has accepted a Tender by the Mandatory for the implementation, completion and maintenance of such Works and whereas the Employer and the Mandatory have agreed to certain arrangements and procedures to be followed in order to ensure compliance by the Mandatory with the provisions of the Occupational Health and Safety Act, 1993 (Act 85 of 1993);

NOW THEREFORE THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 1 The Mandatory shall execute the work in accordance with the Contract Documents pertaining to this Contract.
- 2 This Agreement shall hold good from its Commencement Date, which shall be the date of a written notice from the Employer or Employer's Agent requiring him to commence the execution of the Works, to either
 - (a) the date of the Final Approval Certificate issued in terms of Clause 52.1 of the General Conditions of Contract (hereinafter referred to as "the GCC"),
 - (b) the date of termination of the Contract in terms of Clauses 54, 55 or 56 of the GCC.
- 3 The Mandatory declares himself to be conversant with the following:
 - (a) All the requirements, regulations and standards of the Occupational Health and Safety Act (Act 85 of 1993), hereinafter referred to as "The Act", together with its amendments and with special reference to the following Sections of The Act:
 - (i) Section 8 : General duties of employers to their employees;
 - (ii) Section 9 : General duties of employers and self-employed persons to persons other than employees;

(iii) Section 37 : Acts or omissions by employees or Mandatory, and

(iv) Subsection 37(2) relating to the purpose and meaning of this Agreement.

(b) The procedures and safety rules of the Employer as pertaining to the Mandatory and to all his subcontractors.

4 In addition to the requirements of Clause 33 of the GCC and all relevant requirements of the above- mentioned Volume 3, the Mandatory agrees to execute all the Works forming part of this Contract and to operate and utilise all machinery, plant and equipment in accordance with the Act.

5 The Mandatory is responsible for the compliance with the Act by all his subcontractors, whether or not selected and/or approved by the Employer.

6 The Mandatory warrants that all his and his subcontractors' workmen are covered in terms of the Compensation for Occupational Injuries and Diseases Act, 1993, which cover, shall remain in force whilst any such workmen are present on site. A letter of good standing from the Compensation Commissioner to this effect must be produced to the Employer upon signature of the agreement.

7 The Mandatory undertakes to ensure that he and/or subcontractors and/or their respective employers will at all times comply with the following conditions:

(a) The Mandatory shall assume the responsibility in terms of Section 16.1 of the Occupational Health and Safety Act. The Mandatory shall not delegate any duty in terms of Section 16.2 of this Act without the prior written approval of the Employer. If the Mandatory obtains such approval and delegates any duty in terms of section 16.2 a copy of such written delegation shall immediately be forwarded to the Employer.

(b) All incidents referred to in the Occupational Health and Safety Act shall be reported by the Mandatory to the Department of Labour as well as to the Employer. The Employer will further be provided with copies of all written documentation relating to any incident.

(c) The Employer hereby obtains an interest in the issue of any formal inquiry conducted in terms of section 32 of the Occupational Health and Safety Act into any incident involving the Mandatory and/or his employees and/or his subcontractors.

In witness thereof the parties hereto have set their signatures hereon in the presence of the subscribing witnesses:

SIGNED FOR AND ON BEHALF OF THE EMPLOYER:

WITNESS 1 _____ 2 _____

NAME 1 _____ 2 _____

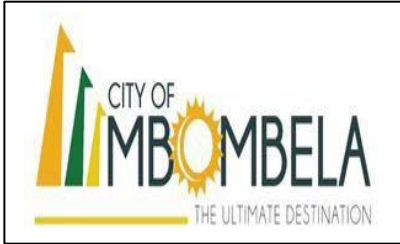
(IN CAPITALS)

SIGNED FOR AND ON BEHALF OF THE MANDATORY:

WITNESS 1 _____ 2 _____

NAME 1 _____ 2 _____

(IN



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C1.3 CERTIFICATE OF AUTHORITY FOR SIGNATORY TO AGREEMENT IN TERMS OF CCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)

The signatory for the company that is the Contractor in terms of the above-mentioned Contract and the Mandatory in terms of the above-mentioned Act shall confirm his or her authority thereto by attaching in this tender document a duly signed and dated copy of the relevant resolution of the Board of Directors.

An example is given below:

"By resolution of the Board of Directors passed at a meeting held on _____20_____,

Mr/Ms _____ whose signature appears below, has been duly authorised to sign the AGREEMENT in terms of THE OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT 85 of 1993) on behalf of

SIGNED ON BEHALF OF THE COMPANY :

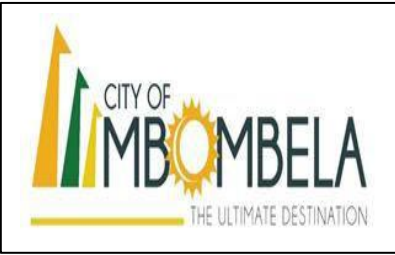
IN HIS/HER CAPACITY AS :

DATE :

SIGNATURE OF SIGNATORY :

WITNESS: 1. _____ 2. _____

NAME (in capitals): 1. _____ 2. _____



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Part C2: Pricing Data

C2.1 Pricing Assumptions

1. It will be assumed that prices included in the Pricing Schedule are based on Acts, Ordinances, Regulations, By- laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards).
2. **“Material Rate”** shall include the cost of direct and indirect materials as follows:
 - i. Cost of direct materials supplied and delivered to site including all incidentals necessary for the completion of the specific item of work plus the profit and VAT thereon.
 - ii. Cost of indirect materials in overhead costs, machinery operating expenses, Tools and Testing equipment expenses necessary for the completion of the specific item of work plus the profit and VAT thereon.
3. **“Labour Rate”** shall include the cost of labour for Engineer, Project manager, Technician, Safety Officer, Rigger, Supervisor, Artisan, Artisan assistant / Semi skilled and General worker, including profit required to complete the task covered by each specific item and VAT thereon.
4. No addition, erasure or alteration is to be made on the schedule of quantities. Such corrections will invalidate the tender.
5. Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted.
6. All activities must be invoiced every month on progress.
7. Payment will be based on the completion of task and approval by City of Mbombela, also provided that reasonable progress towards the completion of the task within the estimated budget is demonstrated.
8. The appointed service provider may only commence with Tasks on the following conditions:
 - i. The required budget for the completion of the task has been confirmed in writing to the service provider.
 - ii. The service provider has been given an instruction (email/written/mobile) to continue with the

allocated task.

9. Rates and lump sums shall include full compensation for overheads, profits, incidentals, tax (other than VAT), etc, and for the completed items of work as specified in the Scope of Works and for all the risks, obligations and responsibilities specified in the General conditions of Contract (GCC) or Special Conditions of Contract.
10. The tenderer shall fill in a Labour, Material rates and Total Lump Sum for each item where provision is made. Items against which no rate or lump sum has been entered in the tender will not be paid for when the work is executed, as payment for such work will be regarded as being covered by other rates or lump sums in the Pricing Schedule.

11. The short descriptions of the payment items in the Pricing Schedule are only given to identify the items and to provide specific details. Reference shall be made to the Scope of Works for more detailed information regarding the extent of work entailed under each item.
12. Prices or rates will be subject to adjustment for escalation as provided for below:
 - The prices or rates shall be fixed for the first 12-month period determined from the tender base month and no change during this period will be allowed for escalation. Base months means “The calendar month during which a contract was entered into” as per clause 6.8.2 in the Data provided by the Employer.
 - On the 12-month anniversary date of the Contract base date the rates or sums shall be adjusted by the twelve-month year on year CPI index (as published in the monthly bulletin PO141. of Statistics South Africa under table B) and fixed at this value for the following 12-month period. Subsequent 12-month periods shall be dealt with on the same basis.
 - Adjustment for escalation shall only be applicable for services or portions thereof, that are still within the prescribed programme (allocated task) and any approved extensions of time and shall not be applicable to any progress payments already claimed.
 - The Bidder/s shall offer supporting documentation to the Municipality to justify any price adjustment that might be required. For the outer years after the first 12 months, the price adjustment phase will only be allowed during the first month of each anniversary. The successful Bidder/s shall be responsible to contact the client to ensure that any price adjustment requests are requested and implemented accordingly. Should this opportunity be missed by the successful Bidder/s, the Municipality will deem the previous financial year’s rates as valid for the duration of the following financial year and the successful Bidder/s will under these circumstances be forced to accept these conditions as part of this contract commitments.
13. Interim payments for lump sum payment items may be permitted. Such interim payments shall however be limited to proven progress achieved for that particular service deliverable. The sum of any progress payments made under a particular lump sum payment item shall be deducted prior to calculating any adjustments for escalation as described above.
14. Provisional and Prime Cost Sums: Each Sum shall only be used, in whole or in part, in accordance with the Employer’s instructions and the Contract Price shall be adjusted accordingly. The total sum paid to the service provider shall include only such amounts, for the work, supplies or services to which the Sum relates, as the Employer shall have instructed.

For each sum, the Employer may instruct plant, materials or services to be procured by the service provider in accordance with the Employer’s policies, and for which there shall be included in the Contract Price:

 - The actual amounts paid (or due to be paid) by the service provider, and
 - A sum for compilation and printing of procurement documentation, quotation/tender process

and evaluation, and all overhead charges and profit, calculated as a percentage of these actual amounts by applying the relevant percentage rate tendered in the Pricing Schedule, provided that for Prime Cost sums only, the tendered rate excludes profit.

The service provider shall produce all quotations, invoices, vouchers and accounts or receipts in substantiation of any claim under a sum.

Any percentage adjustment (mark-up) against the sum for handling fee, profits, etc. shall not be negative.

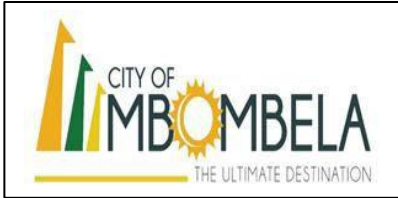
15. A tender may be deemed unresponsive if the unit rates or lump sums for some of the items in the Pricing Schedule are, in the opinion of the Employer, unreasonable or out of proportion, and if the tenderer fails, within a period of seven (7) days of having been notified in writing by the Employer to adjust the unit rates or lump sums for such items, to make such adjustments.
16. All rates and sums of money quoted in the Pricing Schedule shall be in South African Rand and whole cents
20. For the purposes of this Schedule of Activities, the following words shall have the meaning hereby assigned to them:
 - Unit : The unit of measurement for each item of Service provided as defined in the Standardized, Project or Particular Specifications.
 - Quantity : the number of units of work.
 - Rate : The payment per unit of work/provision of services at which the Bidder/s bids to the work.
 - Amount : The quantity of an item multiplied by the Bided rate of the (same) item.
 - Sum : An amount Bided for an item, the extent of which is described in the Schedule of activities, the scope of works or elsewhere, but of which the quantity of work is not measured in units.
 - Provisional Sum (PS): An amount allowed for in the Pricing Schedule for which the quantity of work is not known. Prime Cost (PC) : Is a specific type of Provisional Sum where payment is made on the production of invoices showing the cost price of the implementation or installation of the service required. Services rendered in this manner carry a mark-up for which a rate is offered at tender stage to cover all the tenderer's handling, supervision and liability costs in providing the item or services.
 - Lump Sum (LS) : An amount tendered for an item, the extent of which is described in the Pricing Schedule, the Scope of Work or elsewhere, but of which the quantity of work is not measured in units.

21. The units of measurement indicated in the Schedule of Quantities are metric units. The following abbreviations may appear in the Schedule of Quantities:

mm	=	millimetre
m	=	meter
km	=	kilometre
km-pass	=	kilometre-pass
m ²	=	square metre
m ² -pass	=	square meter-
No	=	Number
m ³	=	cubic meter
m ³ -km	=	cubic meter
kW	=	kilowatt
W	=	Wattage
kg	=	kilogram
l	=	litre
kl	=	kilolitre
MI	=	mega litre
t	=	ton (1 000 kg)
%	=	per cent
MN	=	mega-Newton
MN-m	=	mega-Newton-
PC Sum	=	Prime Cost Sum
Prov	=	Provisional Sum
Sum	=	Lump Sum

22. **Mark-up on any other items not included in the pricing schedule (i.e materials):** A mark-up of 15% on the supplied net original invoiced value of materials shall be allowed by the council. This mark-up shall not include all profits, overheads, handling fees, guarantee, delivery to site etc.
24. **The successful Bidder/s will be appointed based on rates.** The quantities of work finally accepted and certified for payment, and not the quantities given in the Pricing Schedule, will be used to determine payments to the service provider.

The validity of the Contract shall in no way be affected by differences between the quantities in the Pricing Schedule and the quantities finally certified for payment. Work is valued at the rates tendered.

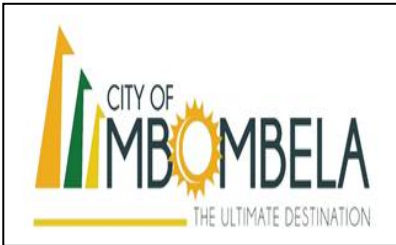


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2.2 Bill of Quantities

BOQ ATTACHED

AS ANNEXURE A1



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Part C3: Scope of Work

3.1 GENERAL INFORMATION

This specification covers the supply, delivery, installation, testing and commissioning, and limited period maintenance of the following units:

- 20MVA, 132/11kV compact transformer, with ester oil insulation will be installed as part of project
- 20MVA, 132/11kV transformer, with ester oil insulation will be installed as part of project
- 132kV transformer hybrid compact switchgear, complete with steel structures.
- 132kV transformer switchgear, complete with steel structures.
- 11/11kV PILC single core cabling to connect to existing 11kV Indoor substation with switchgear, reconfigure to connect to new transformer feeders.
- The complete 132kV and 11kV switchgear need to be tested and commissioned with the Scada/telemetry system.
- The construction of 132kV double circuit steel pole overhead line, by breaking into the existing West Acres-Delta 132kV line located in either route option 1 or 2 as per outcome of the environmental impact study outcome
- The installation of 132kV Aluminium tubular busbar with a 132kV hybrid compact bus coupler breaker complete with post insulators and lattice steel structures
- 132kV, bus-zone protection scheme
- 132/11kV 20MVA transformer protection scheme
- Matching 132kV line protection scheme
- Matching 132kV protection scheme
- Connect to existing 11kV distribution panel complete with bus section, incomers (20MVA)
- SCADA installed interfacing with all the above infrastructure to specifications contained herein

3.2 SITE

The site for the supply, delivery, installation, construction, and commissioning of the 132kV backbone Infrastructure is situated in the City of Mbombela area of supply as follows:

The Contractor will have to provide the following:

- Sanitation on site for his own use, including water for construction purposes.
- All telephone facilities.
- All the necessary housing facilities for his personnel.

The Contractor shall provide in the above yard an equipped site office of sufficient size to accommodate site meetings and to keep all drawings and documents needed for the works. The site office shall be furnished to allow for meetings with a seating facility for Eight (8) people. The contractor will be held responsible for all refreshments at site meetings.

Tenderer's must, before submitting their tender, carry out a site inspection to acquaint themselves with the site conditions, access, etc.

3.3 SITE CONDITIONS

Tenderer's must allow for all conditions on site in their tenders, since extra claims arising from difficult site conditions in respect to transport, handling, loading, off-loading, labour, housing, etc., will not be entertained.

The Tenderer must note the following aspects about site conditions and shall include for these conditions in the relevant items in the Bill of Quantities.

- Access to site is by tar road
- No crane is available for off-loading.
- Ground conditions is rocky, and a compressor will be needed in some areas for trenching.

3.4 CONSTRUCTION PROGRAM

Installation work under this contract will be completed strictly as tendered.

3.5 SERVICE CONDITIONS

All equipment and materials shall be rated for operation under the following conditions:

Voltages Secondary	11kV
Voltage Primary	132kV
Frequency	50Hz
Phases	3
Average max. temp.	30 degrees C
Average min. temp	3 degrees C
Average relative humidity	85% at 35 degrees C

Lightning	Severe
Hail	Severe

3.6 PROJECT DESCRIPTION

3.6.1 General

The project includes the supply, delivery, installation, testing and commissioning, and limited period maintenance of the following units:

- 20MVA, 132/11kV compact transformer, with ester oil insulation will be installed as part of project
- 20MVA, 132/11kV transformer, with ester oil insulation will be installed as part of project
- 132kV transformer hybrid compact switchgear, complete with steel structures.
- 132kV transformer switchgear, complete with steel structures.
- 11/11kV PILC single core cabling to connect to existing 11kV Indoor substation with switchgear, reconfigure to connect to new transformer feeders.
- The complete 132kV and 11kV switchgear need to be tested and commissioned with the Scada/telemetry system.
- The construction of 132kV double circuit steel pole overhead line, by breaking into the existing West Acres-Delta 132kV line located in either route option 1 or 2 as per outcome of the environmental impact study outcome
- The installation of 132kV Aluminium tubular busbar with a 132kV hybrid compact bus coupler breaker complete with post insulators and lattice steel structures
- 132kV, bus-zone protection scheme
- 132/11kV 20MVA transformer protection scheme
- Matching 132kV line protection scheme
- Matching 132kV protection scheme
- Connect to existing 11kV distribution panel complete with bus section, incomers (20MVA)
- SCADA installed interfacing with all the above infrastructure to specifications contained herein

3.6.2 DELIVERY AND ERECTION

The transportation to site, off- loading, erection, and testing of the complete 132/11kV system forms part of this contract.

3.6.3 EARTHING

The complete 132kV earth mat for the substation yard is part of this contract. The earth mat system will be according to specification with bare stranded copper conductors and KWENA connections to steel structures. Allocation has been made in the Bill of Quantities for this item and the contractor must make sure that the amount he/she allocates for earthing is sufficient to cover all costs.

The Tenderer shall allow in the Bill of Quantities for the determination of soil resistivity before and after the installation of the earthing system. If necessary, electrode type earthing will be installed, using 70mm² stranded copper conductors, in positions as indicated by the engineer. (The contractor shall determine the soil resistivity in the presence of the Engineer). Specifications on electrode type earthing will be given by the engineer when applicable.

3.6.4 11kV CABLING

The Contractor shall supply, joint, terminate and install cables of the following sizes:

- 2x300mm² for each phase, Single core, Cu, XLPE 11/11kV cable. This cable will be connected from the 20MVA transformer to the existing 11kV switchgear.

3.6.5 230V CABLING

Part of this contract is the installation of a 100kVA Auxiliary transformer with NEC as one unit at each 20MVA transformer for the supply of electricity to the new building. The following cables need to be supplied and installed.

- 16mm², Cu PVC 1000/600V, 4 core for substation building supply.
- 10mm², Cu PVC 1000/600V, 2 core for terrain lights.

3.6.6 BATTERY CHARGER AND BATTERIES

The Tenderer shall include in the Bill of Quantities for all equipment necessary for the proper functioning of the battery charger with NiCad batteries for the

- 132kV switchgear and
- the UPS/Inverter (5kVA) for lighting and plugs back-up

As specified. All costs for cable connections between the battery charger, DB and the switchgear must be included in rates given in the Bill of Quantities.

The units shall be rated at minimum 100AH and shall comprise 400 NiCad batteries, 100A, 231V charger and enclosure. Notwithstanding the above, the unit shall be adequately rated to suit the equipment offered by the tenderer.

3.6.6.1 General

The erection costs shall include the supply and fitting of the cell-to-cell and row-to-row connectors. These shall be suitable for the battery discharge duty and shall be suitably braced.

The units shall be of floor standing self-contained type.

The successful tenderer must submit detailed drawings and technical specifications. These must include all details necessary for maintenance purposes, as well as wiring

diagrams, schematics, and complete setting up instruction of the control circuitry.

3.6.6.2 Battery Cells

The battery bank shall consist of a suitable number of Nickel Cadmium Cells.

The rated capacity shall be 15 Amp hour at the five-hour rate.

The normal electrolyte level, and the recommended fully charged specific gravity, shall be clearly marked on each cell's container.

3.6.6.3 Charger Housing

The charger equipment, instruments, indicators, and DC fuses switchboard are to be mounted in a cabinet fabricated of sheet steel of not less than 2mm thickness.

The charger must be of the limited, current, constant voltage type.

Current rates and voltage levels are to be as recommended by the battery manufacturer, but two voltage levels are required for normal service conditions, 'float' and 'boost'

The following shall also be provided on the front of the battery charger cubicle

- AC ammeter
- DC ammeter to measure total charger output
- DC ammeter to measure the standing current (i.e., excluding closing and tripping loads)
- Battery earth fault indicator.
- Neon AC mains healthy indication.

The following alarms are to be provided each with two pairs of voltage free contacts, which close in an alarm condition. Both contact pairs of all alarms shall be wired to the cable terminating connectors.

- DC under-voltage alarm, with 90% setting
- AC supply fail alarm with 20 seconds time delay
- Charger fail alarm
- Battery earth fault alarm

All fuses, switches, push buttons, instruments, indications, and terminal outputs must be clearly labelled.

3.6.7 SUBSTATION BUILDING

The substation building hosting the 132/11kV control and protection panels will be

constructed as per attached drawings. Each phase of the building process needs to be approved by the Consulting Engineer before the next phase may proceed, e.g., foundation trenching, foundation pouring, etc. Test cubes for concrete need to be supplied with the test results on the foundation, floors, and concrete slabs. The tenderer needs to make sure that the 132kV control and protection panels will be fitted neatly in the space provided.

Toilette and water connections need to be supplied and installed completely with all pipes and fittings as per Bill of Quantities. A PC Sum has been allocated for the substation building and the successful contractor need to get three (3) quotations from local building contractors.

A telemetry/SCADA unit must also be installed for the 132 & 11kV control and protection.

3.6.8 VOLTAGE TRANSFORMER

The voltage transformers will be protected with suitable HT fuses. The voltage transformers will be outdoor post top type mounted on a steel structure as per attached drawings. The burden of the voltage transformers must be enough for the equipment offered by the tenderer with one feeder in operation. A change-over relay between the two incoming feeders will be part and parcel of the control and protection scheme.

3.6.9 11kV SWITCHGEAR

Specifications of the 11kV Switchgear is as per attached drawings.

The successful contractor needs to make sure that all protection is operating perfectly, and provision has been made in the Bill of Quantities to make use of a Third, independent person to re-commission all protection. Protection relay specification for the 132 & 11kV is as per attached drawings.

3.6.10 PROTECTION AND CONTROL, PROTECTION RELAYS & SCADA

The telemetry/Scada specified is an indication of the minimum requirements. The tenderer can offer similar.

Part of this contract is the supply of telemetry/SCADA control and all protection necessary for the protection and control of the complete outdoor and indoor circuit breakers and auxiliary equipment. Protection and control panels must have front access, powder coated and fully equipped with relays, transducers, etc.

The most essential protection required on the system is the following:

- Overcurrent and earth fault protection.
- Differential protection on the transformers
- Low impedance Busbar protection.

- Busbar zone protection
- Restricted earth fault transformer protection.
- Buchholz transformer protection.
- Over temperature protection
- Differential feeder protection with supervision.

The telemetry/Scada specified is an indication of the minimum requirements. The tenderer can offer similar.

The installation of a radio control telemetry system for the substation forms part of this contract. Since telemetry forms part of the total control of the major substations, the instalment of the total system is called for in this tender.

3.6.10.1 RTAC-SEL-3530 Gateway

The information processor shall operate a serial and Ethernet communications network. It shall provide a combination of functions that include deterministic logic processing, automatic transmission of outgoing messages and processing of responses, data scaling, data aggregation, simultaneous collection of data from multiple server devices, and simultaneous data access for multiple client (master) devices.

3.6.10.1.1 Intelligent and Secure Components

All electronic equipment shall continuously self-test and report internal errors. They shall also have a hardwire contact indicating device health.

3.6.10.1.2 IEC 61131-3 Programming

The system shall include an integrated IEC 61131-3 programming environment for the information processor, with the ability to monitor and control every protective relay and Ethernet-distributed I/O module in the substation continuously. The IEC 61131-3 programming environment shall be integrated in one software package with the communications protocol mapping environment. The system shall have access to the communication control blocks for user defined access.

3.6.10.1.3 Role-Based Security

The information processor shall incorporate independent user-based security with strong passwords, role-based accounts, and settable account expiration dates. The system shall provide a mechanism to map security-related system tags into SCADA reports.

3.6.10.1.4 Central Authentication

The information processor shall use Lightweight Directory Access Protocol (LDAP) to provide central user account authentication.

3.6.10.1.5 (Optional) Integrated HMI

The information processor shall support an optional integrated web-based human-machine interface (HMI) that provides visualization and control of data tags.

3.6.10.1.6 Selectable Processing Interval and Solve Order

The information processor shall include a method to configure the deterministic processing interval for protocol communications and custom logic. The information processor shall also include a method to configure the processing sequence of software tasks. The processing interval shall be settable to as fast as 4 ms

3.6.10.1.7 Ethernet Communications Ports

The information processor shall have two Ethernet ports that can operate simultaneously on different networks through independent MAC addresses.

3.6.10.1.8 Synchro-phasors

The information processor shall be capable of receiving synchronized phasor measurement data via the IEEE C37.118 protocol on all serial and Ethernet ports to as fast as five messages per second.

3.6.10.1.9 Engineering Access

The information processor shall have methods to create transparent connections between any two serial or Ethernet communications ports for engineering access.

3.6.10.2 SEL_2730M - Managed Network Switch

3.6.10.2.1 Ease-of-Use

Simplify configuration and maintenance with a secure web interface that allows convenient setup and management. Configure settings offline using Software or through an exported settings file that can be imported later the switch.

3.6.10.2.2 Bridge Protocol Data Unit (BPDU) Guard

Improve network robustness by enabling BPDU Guard to disable a port when unexpected BPDUs are received

3.6.10.2.3 Port Rate Limiting

Prevent network storms from disabling your network by configuring maximum allowed rates for ingress (incoming) or egress (outgoing) traffic on each port.

3.6.10.2.4 Virtual Local Area Networks (VLANs)

Segregate traffic and improve network organization and performance. Take advantage of IEEE 802.1Q-2005 VLANs to separate IEC 61850 GOOSE messages from other traffic with as many as 4094 LANs. Including the interoperability properties of a smart grid for smart IEDs.

3.6.10.2.5 Security and Monitoring

Increase security by taking advantage of SNMPv3 and HTTPS features. SNMPv3 provides secure network management and is inter operable with existing network

management systems (NMS).

An HTTPS web interface provides secure and intuitive switch management. Map system and security events to configurable alarm contact behaviour for alarming through an external system such as an existing SCADA network

3.6.10.2.6 Port Mirroring

Monitor ingress and egress traffic for viewing network statistics and performing troubleshooting.

3.6.10.2.7 User-Based Accounts

Provide user accountability and separate authorization levels for configuration and maintenance. Use LDAP or RADIUS with two-factor authentication for centralized user authentication

3.6.10.3 SEL-751LMD (Large screen) - 11kV Feeders, Incomers and Bus Couplers

Feeder protection shall be provided by a microprocessor-based relay equipped with the following protection, monitoring, control, automation, and reporting functions. Self-checking functions shall be included:

3.6.10.3.1 Protection and Control

- Phase, residual, and negative-sequence overcurrent & inverse-time overcurrent elements with optional directional control
- Breaker/contactors failure
- Arc-flash detection and arc-flash overcurrent integrated
- Line/cable thermal elements per IEC 60255-149
- Over- and under- voltage elements
- Over- and under frequency
- Rate-of-change of frequency
- Loss-of-potential
- Fast rate-of-change of frequency
- Second- and fifth-harmonic blocking

3.6.10.3.2 Adaptive phase overcurrent elements

The relay shall incorporate adaptive phase overcurrent elements that perform reliably in the presence of current transformer saturation, dc offset, and off-frequency harmonics

3.6.10.3.3 Synchro phasors

The relay shall include operation as a phasor measurement unit (PMU) following the IEEE C37.118-2005 Standard for Synchro phasors for Power Systems.

3.6.10.3.4 Automation

Logic control equations with Boolean and math equations capability for logic and control

3.6.10.3.5 Touchscreen display

The front panel shall be capable of displaying controllable bay screens, metering and monitoring data, targets, events, summary and SER information, relay status and configuration, controllable relay operations, editable settings, and the rotating display settings

- Station battery monitor with two levels of detection
- Breaker wear monitoring
- Event report with arc-flash light input

3.6.10.4 SEL-487E-3 - Transformer Protection 132/11kV

3.6.10.4.1 Transformer Differential Protection

The relay shall include a single, three-phase low-impedance current differential element with adaptive restraint/operate slope characteristics.

3.6.10.4.2 Negative-Sequence Differential Protection

The relay shall include negative-sequence differential protection for turn-to-turn fault detection within the transformer. The negative-sequence differential element shall detect turn-to-turn faults as low as two percent of the total winding.

3.6.10.4.3 Transformer Inrush and Over excitation Detection

The relay shall incorporate 2nd, 4th, and 5th harmonic blocking. In addition, 2nd and 4th harmonic restraint shall be provided. These restraints and blocking elements may be used independently, or in combination to prevent restrained differential element operation during inrush or over excitation conditions. An independent fifth-harmonic element shall be included to warn of transformer over excitation conditions. Wave-shape-based inrush detection addresses inrush conditions that contain low 2nd and 4th harmonic content.

3.6.10.4.4 External Faults

The relay shall detect an external fault and enter a high-security mode.

3.6.10.4.5 Restricted Earth Fault Protection

The relay shall provide three separate restricted earth fault (REF) protection elements for the detection of ground faults in wye-connected windings.

3.6.10.4.6 Breaker Failure Protection

The relay shall include internal breaker failure protection with re-trip functions for each of the terminals and be selectable to also accept external breaker failure protection.

3.6.10.4.7 Relay & Automation Logic

The relay shall include programmable logic functions for a wide range of user-configurable protection, monitoring, and control schemes. Logic shall have the ability to

use relay elements, math functions, comparison functions, and Boolean logic functions

3.6.10.4.8 Synchro Phasors

The relay shall provide high-accuracy, synchro phasor data that is compliant with the IEEE C37.118 synchro phasor data standard. The IEEE C37.118 synchro phasor data shall be supported on serial and Ethernet ports of the relay.

3.6.10.4.9 Substation Battery Monitor

The relay shall measure and record the substation battery voltage and provide ground and excess ripple detection. High- and low-voltage level settings shall be provided for alarm and control purposes

3.6.10.4.10 Through-Fault Event Monitor

The relay shall provide for the capability of reporting fault current level, duration, and date/time for overcurrent events through the differential protection zone. Through-fault monitoring shall provide accumulated through-fault levels, number of through-faults and the total consumed through-fault capacity of the transformer

3.6.10.4.11 HMI Display

The relay shall include custom configurable display information to display status, analogue quantities with units, user-defined labels, and alarm information.

3.6.10.4.12 Bay Display

The bay control shall have the ability to display one-line bay diagrams on the front-panel display. The bay display shall be interactive to view the status and control of breakers and disconnect switches.

3.6.10.4.13 Operator Controls

The relay shall include operator control pushbuttons on the relay front panel. Each pushbutton shall be programmable and accessible in the bay control logic.

3.6.10.5 SEL-451 Bus Coupler Protection 132kV

3.6.10.5.1 Adaptive Phase Overcurrent Elements

The relay shall incorporate adaptive phase overcurrent elements that perform reliably in the presence of current transformer saturation, dc offset, and off-frequency harmonics

3.6.10.5.2 Breaker Failure Protection

The relay shall include internal breaker failure protection with re-trip functions for each of the terminals and be selectable to also accept external breaker failure protection.

3.6.10.5.3 Relay & Automation Logic

The relay shall include programmable logic functions for a wide range of user-configurable protection, monitoring, and control schemes. Logic shall have the ability to

use relay elements, math functions, comparison functions, and Boolean logic functions

3.6.10.5.4 Synchro Phasors

The relay shall provide high-accuracy, synchro phasor data that is compliant with the IEEE C37.118 synchro phasor data standard. The IEEE C37.118 synchro phasor data shall be supported on serial and Ethernet ports of the relay.

3.6.10.5.5 Substation Battery Monitor

The relay shall measure and record the substation battery voltage and provide ground and excess ripple detection. High- and low-voltage level settings shall be provided for alarm and control purposes

3.6.10.5.6 HMI Display

The relay shall include custom configurable display information to display status, analogue quantities with units, user-defined labels, and alarm information.

3.6.10.5.7 Bay Display

The bay control shall have the ability to display one-line bay diagrams on the front-panel display. The bay display shall be interactive to view the status and control of breakers and disconnect switches.

3.6.10.5.8 Operator Controls

The relay shall include operator control pushbuttons on the relay front panel. Each pushbutton shall be programmable and accessible in the bay control logic.

3.6.10.6 SEL-751-5U Line Feeder Protection 132kV (With OC, EF, and ARC)

3.6.10.6.1 Adaptive Phase Overcurrent Elements

The relay shall incorporate adaptive phase overcurrent elements that perform reliably in the presence of current transformer saturation, dc offset, and off-frequency harmonics

3.6.10.6.2 Breaker Failure Protection

The relay shall include internal breaker failure protection with re-trip functions for each of the terminals and be selectable to also accept external breaker failure protection.

3.6.10.6.3 ARC Protection

The relay shall include internal ARC protection.

3.6.10.6.4 Earth Fault Protection

The relay shall include internal EF protection.

3.6.10.6.5 Relay & Automation Logic

The relay shall include programmable logic functions for a wide range of user-configurable protection, monitoring, and control schemes. Logic shall have the ability to

use relay elements, math functions, comparison functions, and Boolean logic functions

3.6.10.6.6 Synchro Phasors

The relay shall provide high-accuracy, synchro phasor data that is compliant with the IEEE C37.118 synchro phasor data standard. The IEEE C37.118 synchro phasor data shall be supported on serial and Ethernet ports of the relay.

3.6.10.6.7 Substation Battery Monitor

The relay shall measure and record the substation battery voltage and provide ground and excess ripple detection. High- and low-voltage level settings shall be provided for alarm and control purposes

3.6.10.6.8 HMI Display

The relay shall include custom configurable display information to display status, analogue quantities with units, user-defined labels, and alarm information.

3.6.10.6.9 Bay Display

The bay control shall have the ability to display one-line bay diagrams on the front-panel display. The bay display shall be interactive to view the status and control of breakers and disconnect switches.

3.6.10.6.10 Operator Controls

The relay shall include operator control pushbuttons on the relay front panel. Each pushbutton shall be programmable and accessible in the bay control logic.

3.6.11 TRANSFORMER SPECIFICATIONS

The tenderer will provide 2 x 20MVA, 132/11kV, Z=10% transformer for this contract.

The following transformer specifications forms part of this tender:

- The transformer will be of size 20MVA, 132/11 kV, YNd1 and shall be capable of operating continuously.
- The insulation medium shall be ester oil and no mineral insulation oil shall not be used in anyway.
- Metering and protection current transformers shall be fitted on outdoor (Hybrid Compact) integrated in compact links and circuit breakers as indicated on the attached drawings. The tenderer shall supply the equipment necessary for line drop compensation, and any other feature peculiar to the 40MVA transformer. Terminal markings for the current transformers shall indicate both the polarity of the primary (where applicable) and secondary terminals and the current transformer designation which shall indicate the phase or neutral connections in which they appear and the sequence relative to other current transformers in that connection.
- The transformer will have tapings between +5% to -15% of 132kV.

- The power transformer manufacturer shall provide any special voltage transformers or other equipment required specifically for his transformer.
- The BUCHHOLZ relay shall be fitted with tripping and alarm contacts and shall be so designed that the relay can be mechanically operated for testing purposes.
- The Winding Temperature Indicators must consist of:
 - Dial indicating the temperature in °C and fitted with a reset table maximum temperature indicator.
 - Pair of adjustable alarm contacts which can be set to close at a predetermined temperature, are to be provided and, in addition, a pair of contacts for tripping purposes.
- Dial-type oil thermometers shall be graduated in °C for registering “top oil” temperatures. The instrument shall be provided with a resettable maximum temperature indicator and a pair of adjustable alarm-contacts which can be set to close at a predetermined temperature. An additional set of adjustable contacts shall be provided for tripping purposes.
- All alarm contacts shall be suitable for making or breaking the required current at the specified alarm and tripping voltage. Any auxiliary relays associated with trip circuits shall be D.C. operated and suitable for the specified alarm and tripping voltage. Alarm and trip contacts shall be provided with electrically independent and ungrounded circuits.
- The transformer is provided with a “on-load” tap-changer on the high voltage windings of the transformer.
- A contact, wired out to separate terminals, shall be provided for monitoring of the tripping of the HV circuit breaker controlling the transformer in the event of an over current occurring simultaneously with the operation of the tap-changer diverter switch.
- Voltage and current transformers necessary for the control and protection of the tap changer shall be supplied by the tenderer via the 11kV switchgear.
- The control circuits shall be so arranged that it is impossible to energise the main transformer, by means of control selection, through the secondary windings of associated auxiliary and voltage transformers.
- The following protection will be standardized:
 - AEBERLY REG-DA: Relay for Voltage Regulation,
 - SEL 451-5, SEL487 E-3-4, SEL751LMD: Transformer Diff protection, restricted e/f, Bus Section, O/C & E/F

The following tap-changer controls and indications shall be provided in a Control Panel inside the Substation Building:

3.6.11.1 Control Equipment Detail

Each transformer control panel shall be provided with the following equipment:

- One - Voltage Regulating relay and such auxiliary equipment as may be necessary to provide fully automatic control of the secondary voltage of the transformer.
- All - selector switches required by means of which any one of the transformers may be selected as a “Master” or controlling unit, or to arrange for independent operation.
- One - Auto / Manual control position selector switch.
- One - Tap-position indicator with the tap positions and corresponding voltages clearly marked.
- One - Voltmeter.
- One - Selector switch for manual remote operation of the tap changer, i.e.. “Raise” and “Lower” voltage.
- One - Relay with flag indicator and alarm contacts which shall prevent any further operation of the tap changers from taking place should any one or more units fail to keep in step with the master unit.
- One - Under voltage relay with flag indication and alarm contacts to immobilize the tap-changer in the event of control voltage failure.
- Equipment for the “master-Follower” scheme needs to be duplicated in all control cubicles.

3.6.11.2 Master-Follower Operation Control

- It shall be possible to run any two transformers in parallel with either one acting as the Master unit. It shall be possible to select any one of the two transformers operating in parallel as the “Master” unit and the remaining unit (“Slave”) shall automatically remain in step with this Master unit whether controlled manually or automatically by its own voltage control relay.
- It shall be possible to run any transformer as a single unit operating independently.
- All instruments, pushbuttons and indication relays shall be mounted on the front of the control panel. Other control and interlocking relays may be mounted inside the cubicle.
- AEBERLY REG-DA: Relay for Voltage Regulation,

3.6.11.3 Indications

- Tap-changer in Progress” indicating lamp.
- Tap position indicator with facilities for accurate load-burden calibration. The instrument face shall indicate tap-positions.
- Fuses and links.
- Voltmeters wired to terminal board via separate fuses.

3.6.11.4 Voltage Regulating Equipment

- An approved voltage regulating relay of the solid-state electronic type, designed to operate from a normal energising voltage of 100 V, shall be provided for each transformer to automatically maintain the voltage of the LV busbars supplied from the transformer within adjustable limits.
- The control circuits shall be so arranged that it is impossible to energise the main transformer, by means of control selection, through the secondary windings of associated auxiliary and voltage transformers.
- All wiring from alarm and tripping contacts shall be brought onto a terminal box situated at a convenient height on the transformer. Terminals shall have “KLIPPON” connectors. Terminations of the type where clamping screws are in direct contact with the wire, are not acceptable.
- All cabling between the transformer and the instrument cubicle, local control equipment and the control panel in the substation, shall be the responsibility of the Contractor.
- The H.V. bushings shall be of the oil-filled condenser type and visual means of determining the oil level in the bushing shall be provided.
- Heavy under base for plinth mounting.

3.6.12 DESIGN CHARACTERISTICS AND SCOPE OF SUPPLY

The following design parameters are applicable and similar equipment can be offered where a specific type is called for:

3.6.12.1 General Parameters

PARAMETER	CHARACTERISTICS	CHARACTERISTICS
Nominal voltage	132kV	11kV
Impulse withstand voltage	650kV	95kV
Minimum creepage distance	2500mm	380mm
Power frequency withstand voltage (1min)	275kV	28kV
Fault level (3 sec)	25kA	25kA
Rated current	630A	1200A
Rated frequency	50Hz	50Hz
Minimum ground clearance	2500mm	2500mm
Minimum section clearance	3200mm	2590mm
Minimum phase to phase	2500mm	230mm

PARAMETER	CHARACTERISTICS	CHARACTERISTICS
Minimum phase to ground	1500mm	180mm
Maximum line tension/phase	4,5kN	NA
Maximum E/W tension	2,3kN	NA
Design wind pressure	750Pa	750Pa
Location	Outdoors	Indoors
Minimum safety factor	2,5	2,5
Altitude above sea level	1800m	1800m
Ambient temperature	-5 to 40C	-5 to 40C
Pollution	Heavy smog	Heavy smog
Humidity	30 - 82% ave. (10% probability)	30 - 82% ave. (10% probability)

3.6.12.2 132kV Current Transformers

PARAMETER	CHARACTERISTICS
Type	Outdoor (Hybrid Compact)
Nominal System Voltage	132kV, 50Hz
Quantities and Ratios	See attached Drawings
One-minute power frequency test Voltage	275kV
Impulse withstand voltage	650kV
Highest system voltage	145kV
System	3-phase, neutral solidly earthed
Short time current and duration	25kA for three seconds 63kA Peak
Terminals a) Primary b) Secondary c)Earth	Suitable for use with specified flexible aluminium conductors Stud type inside suitable terminal box for secondary cable Stud type to terminate copper earth connection.

3.6.12.3 132kV Post Type Voltage Transformers

PARAMETER	CHARACTERISTICS
Type	Outdoor (Hybrid Compact)
Nominal System Voltage	132kV, 50Hz
Quantities and Ratios'	See attached Drawings
One-minute power frequency test Voltage	275kV
Impulse withstand voltage	650kV
Rated voltage factor	1.2 continuously
System	3-phase, effectively earthed
Transformation ratio	As per Dual Ratio configuration
Accuracy class	1.0
Rated output	100VA minimum per phase
Connection	Line to Earth
Terminals a) Primary b) Secondary c)Earth	Suitable for use with specified flexible aluminium conductors Stud type inside suitable terminal box for secondary cable Stud type to terminate copper earth connection.

3.6.12.4 Surge Arresters

PARAMETER	CHARACTERISTICS
Rated voltage	132kV
Rated discharge current	10kA with 8/20 microsecond waveshape
Discharge medium	Zinc oxide blocks
Location	Outdoor station type
Counters	1 per phase
Nominal system voltage	132kV
Highest service voltage	145kV
Impulse insulation level of substation	650kV
System	50hZ, 3-phase, effectively earthed
Atmospheric conditions	HEAVY pollution and corrosion
Rated reseal voltage	116kV minimum
1, 2/50 micro-second impulse spark-over voltage	325kV maximum
Front of wave spark-over voltage	375kV maximum

Power frequency spark-over voltage	200kV rms minimum
Maximum residual voltage with 8/20 microsecond, 10kA current impulse	400kV
Surge arrester type and routine testing	To be done in accordance with Bs 2914 of 1972. Type test certificates are to be provided with tender
Mounting arrangements	To be mounted on steel structures.
Terminals:	
Main	Suitable to terminate stranded aluminium conductor.
Earth	Suitable to terminate copper conductor.

3.6.12.5 11kV Cable

11kV cable PILC/SWA Single/Three core rated as follows shall be supplied:

PARAMETER	CHARACTERISTICS
Conductor	Copper
Size	300/120/70mm ²
Insulation	PILCSWA
Screen	Belted
Sheath	PVC
Armour	Al wire
No. of parallel cables per phase	3/Single Core

11kV cable should be installed from the terminals of the new transformer on the aluminium busbars between the transformer and the NEC to an existing indoor Vacuum circuit breaker panel in the new building.

3.6.12.6 132kV, SF6, Outdoor Circuit Breaker

PARAMETER	CHARACTERISTICS
Maximum service voltage	145kV
Impulse withstand voltage	650kV
Minimum creep age distance	2500mm
Power frequency withstand voltage (1min)	275kV
Fault level (3 sec)	25kA
Rated normal current	630A
Rated frequency	50Hz

Minimum ground clearance	2500mm
Minimum section clearance	3200mm
Minimum phase to phase	2500mm
Minimum phase to ground	1500mm
Number of poles	3
Duty cycle	Auto reclose
Operating mechanism	Motor
Location	Outdoors
Supply voltage for motor, closing- & trip coil	110V DC
Auxiliary contacts	6NO & 6NC
Nominal system voltage	132kV
System insulation level	650kV
Rated short circuit breaking current	31,5kA
Rated short circuit making current	80kA
Number of mechanisms	Only circuit breakers providing a direct mechanical connection between the 3 pole, to ensure simultaneous operation of the 3 pole will be considered
Terminal connections	Flexible aluminium conductor AND/OR Tubular Aluminium busbar.
Operation	.a Electrical tripping and closing at circuit breaker
	.b Remote electrical tripping and closing
	.c Remote electrical tripping and closing by means of the supervisory system, which is to be installed under a separate contract at a later stage.
	.d Emergency manual tripping and closing at circuit breaker

3.6.12.7 132kV Post Insulators

PARAMETER	CHARACTERISTICS
Nominal system voltage	132kV
Impulse withstand voltage	650kV (Dry)
Fault level	31.5A rms
Type	Solid core or column type
Mechanical strength	Suitable for use with specified flexible aluminium conductors AND/OR Tubular Aluminium Busbars
Busbar clamps	Suitable for use with specified flexible aluminium conductors AND/OR Tubular Aluminium Busbars

3.6.12.8 132kv Rotating Type Isolators for Outdoor Use

PARAMETER	CHARACTERISTICS
Number of poles	3
Class	Outdoor (Hybrid Compact)
Type	Centre-rotate. Full dimensional detail and mounting detail shall be submitted with tenders.
Rated voltage	145kV
Rated minimum normal current	630A
Nominal system voltage	132kV
Rated insulation level	.a to earth and between poles: 650kV .b Across isolating distance: 750kV
Rated frequency	50Hz
Rated short time current	31,5kA for 3 seconds
Rated peak current	63kA
Earth switch rated short time current)	31,5ka for 3 seconds
Earth switches	Earth switches are required on isolators
Operation mechanisms	Motorised operation. (110V, DC)
Auxiliary switches on isolators	As required for operation, control interlocking, indication and protection plus two normally open and two normally closed switches on each isolator for future use.
Auxiliary switch on earth switches	As required for indication

3.6.13 400/230V SUPPLY FROM AUXILIARY TRANSFORMER

Part of this contract is the installation of 16mm², 4 core + 16mm² bare earth conductor, Cu PVC PILCSWA PVC 1000/600V cable from the New Auxiliary transformer to the substation building for the new DB board.

A powder coated DB board must be supplied and installed with dimensions as follows:

- Height - 1700mm
- Breath - 500mm
- Width - 1200mm

The DB board is to be fitted with a double door.

The DB board is to be equipped with the following:

- An automatic change over relay system to select auxiliary supply from the Auxiliary transformers,
- 80A, 3 phase, 50Hz Busbars + Neutral Busbar,
- 2 x 80A, 10kA triple pole circuit breaker,
- 2 x 80A, Triple pole auto-change over contactors,
- 2 x 60A, 5kA, Triple pole MCB's for TC supplies,
- 4 x 20A, 2.5kA, MCB's for plug outlets,
- 4 x 10A, 2.5kA, MCB's for light circuits,
- 3 x 20A, 5kA, Triple pole for BTU,
- 4 x 20A, 2.5kA, Triple pole MCB's for spare,
- 4 x 20A, 2.5kA, Single pole MCB's for spare,
- 2 x 60A, 2.5kA, Single pole MCB's for spare,
- 1 x 15A, Triple pole contactor for lights,
- Additional allowance for DC control circuits in DB,

3.6.14 STEEL STRUCTURES AND CIVIL WORKS

Detail drawings of typical steel structures and foundations are as per attached drawings. The foundation/concrete slab for the transformer forms part of this contract. Although a drawing is given on the transformer slab the tenderer must get the final weight of the transformer from the manufacturer so that a final transformer concrete slab can be designed. The tenderer must make provision therefore for a variation in his unit price in the Bill of Quantities.

The work associated with the preparation of the substation site shall be performed in accordance with the following specifications as a minimum requirement.

- SABS 1200A/AA, General.
- SABS 1200C, Site clearance.
- SABS 1200D/DA/DM, Earthworks.
- SABS 1200LB, Bedding Pipes.
- SABS 1200DB, Trenches.
- SABS 1200DM, Earthworks (road, sub-grade).
- SABS 1200LE, Storm water drainage.
- SABS 1200M/ME/MF/MM/MK, Roads/ Sub. base/ Base.

3.6.14.1 Concrete Plinths for Outdoor Equipment

- Plinths HDB centres suitable for equipment offered.
- All plinths to finish approximately 150mm above natural ground level.

3.6.14.2 Soil Type for Design of Bases

- Granular soil tightly packed.
- Load bearing capacity 0,2 MPa
- Ground acceleration 0,3g

3.6.14.3 Stone Aggregate

- Stone aggregate to be approximately 20mm thick crushed stone, to cover all-natural ground surfaces to a layer of 100mm thick.

3.6.14.4 Concrete Work

- All support structure footings, transformer footings, channels and roadways shall be cast with 20Mpa concrete.
- All footings and the tops of channels shall at least be 150mm above the final ground level.
- In the case of power transformer bases the final height must be determined in co-operation with the supplier of the transformers but it shall in any case not be less than 150mm above the final ground level.
- The dimensions of channels for cables shall be indicated on the drawings. The channels shall be supplied with suitable removable covers which can support the expected load which the covers can be subjected to.
- All concrete shall be suitably reinforced with steel (where necessary) to withstand the maximum loading to which it could be subjected.
- The interlocking road stone roadway must be designed to withstand the maximum load for example a truck fully loaded with a transformer.
- Cement shall be normal Portland cement or when required Quick setting Portland cement in accordance with SABS 471.
- The cement shall be fresh and stored in a dry place. Contaminated or spoilt cement may not be used and must be removed from site.
- Aggregates for concrete shall comply with the requirements of SABS 718.
- Water shall be clean and fresh and free of organic material, acids or other substances harmful to concrete.
- The concrete shall be properly mixed without excessive water and shall be vibrated after placing.
- The Engineer will inspect excavations before the placing of concrete. Concrete shall be cast without interruption. In cases where it is not practical to do so approved jointing methods shall be employed.
- Concrete shall not be cast when the temperature is below four degrees C. Concrete shall be protected against frost or any other weather conditions which may influence the setting and curing of the concrete.
- No loads may be applied to any concrete before it is properly cured.
- Shuttering must be sturdy and properly supported joints in shuttering shall be sealed to prevent seepage of cement from the concrete.

3.6.14.5 Steel Reinforcing

- All reinforcing steel used in concrete shall comply with SABS 920.

- The steel must be free from oil, paint, or loose rust. The steel may not be heated or welded.
- All bending of steel must be done cold. Joints in the steel shall overlap 25 times the diameter of the rod.
- Joints must be spliced with 1,12mm annealed steel wire.
- The reinforcing bars must be bound together and kept in position with 1,6mm soft steel wire.

3.6.14.6 Foundations

- The Contractor shall erect all foundations required for substation structures. The foundations shall be erected in the ground considering the soil conditions as well as the forces that can be applied to the foundations.
- The foundations shall be 20MPa cast concrete reinforced with steel and the foundation bolts shall be cast into the concrete. The plinth for the transformer shall be 30MPa reinforced concrete.
- The tops of all foundations shall be on the same horizontal level.
- The foundations shall have no sharp corner or edges. Corners and edges shall be bevelled at 45 degrees with a width of 50mm.
- Immediately after the structures have been installed and finally aligned all the base plates shall be grouted in using a non-shrink type of grouting, strictly in accordance with the supplier's directions. The grouting shall be finished off where it protrudes beyond the base plates such that a run-off for water is provided.

3.6.15 LABELLING

Labelling of equipment will be as per Eskom Standards.

3.6.16 132KV OVERHEAD LINES SPECIFICATIONS

3.6.16.1 132kV Overhead Line

PARAMETER	CHARACTERISTICS
Nominal voltage	132kV
Impulse withstand voltage	650kV
Minimum creep age distance	2500mm
Power frequency withstand voltage (1min)	275kV
Fault level (3 sec)	25kA
Rated current	630A
Rated frequency	50Hz
Minimum ground clearance	2500mm

Minimum section clearance	3200mm
Minimum phase to phase	2500mm
Minimum phase to ground	1500mm
Maximum line tension/phase	4,5kN
Maximum E/W tension	2,3kN
Design wind pressure	750Pa
Location	Outdoors
Minimum safety factor	2,5
Altitude above sea level	3800m
Ambient temperature	-8 to 40C
Pollution	Heavy smog
Humidity	30 - 82% ave. (10% probability)

A 132kV, ACSR, Wolf (Double-Circuit) line will be constructed as part of this tender from

3.6.16.2 Conductor Properties

	Stranding & wire diameter (mm)	Overall diameter (mm)	Al area (mm ²)	Steel area (mm ²)	Total area (mm ²)	Weight Mass (kg/m)	N/m	UTS (kN)
MAGPIE	3/4/2.118	6.35			24.71	0.1397	1.3705	18.57
SQUIRREL	6/1/2.11	6.33			24.48	0.0852	0.8358	8.02
FOX	6/1/2.79	8.37	36.68	6.11	42.80	0.1490	1.4617	13.10
MINK	6/1/3.66	10.98	63.13	10.52	73.65	0.2570	2.5212	21.90
HARE	6/1/4.72	14.16	104.98	17.50	122.48	0.4270	4.1889	36.00
WOLF	30/7/2.59	18.13	158.06	36.88	194.94	0.7300	7.1613	69.20
CHICADEE	18/1/3.77	18.87	200.93	11.16	212.09	0.6430	6.3078	44.90
LYNX	30/7/2.79	19.53	183.4	42.77	226.20	0.8460	8.2993	79.30
PANTHER	30/7/3.00	21.00	212.06	49.48	261.54	0.9700	9.5157	90.80
PELICAN	18/1/4.21	20.70	242.31	13.46	255.77	0.7750	7.6028	53.80
BEAR	30/7/3.35	23.45	264.42	61.70	326.12	1.2200	11.9682	112.00
GOAT	30/7/3.71	25.97	324.31	75.67	399.98	1.5000	14.7150	136.00
KINGBIRD	18/1/4.78	23.88	323.01	17.95	340.20	1.0280	10.0847	69.80
TERN	45/3.38+7/2.25	27.00	403.77	27.83	431.60	1.3400	13.1454	98.70
ZEBRA	54/7/3.18	28.62	428.88	55.60	484.48	1.6300	15.9903	133.00
BERSFOR T	48/4.27+7/3.32	35.58	686.26	61.7	747.96	2.369	23.24	177.65
Steel 19/2.65	19/2.65	13.25		104.8	104.8	0.826	8.1	113
Steel 7/3.35	7/3.35	10.50		61.70	61.70	0.4850	4.7579	67.45

Steel 3/3.35	3/3.35	7.35		26.44	26.44	0.2150	2.1092	29.10
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3.6.16.3 Standard Electrical Clearances

System Nominal Voltage	System Highest Voltage	Min clearance (mm)		Working clearance (m)	
		Phase to Earth	Phase to Phase	Vertical	Horizontal
3.3	3.6	80	110	2.5	1.2
6.6	7.2	150	200	2.6	1.2
11	12	200	270	2.7	1.3
15	17.5	230	310	2.7	1.3
22	24	320	430	2.8	1.4
33	36	430	580	2.9	1.5
44	48	540	730	3	1.6
66	72	770	1050	3.2	1.8
88	100	840	1150	3.3	1.9
<u>132</u>	<u>145</u>	<u>1200</u>	<u>1650</u>	<u>3.7</u>	<u>2.3</u>
220	245	1850	2300	4.3	2.9
275	300	2350	2950	4.8	3.4
330	362	2900	3600	5.4	4
400	420	3200	4000	5.7	4.3

3.6.16.4 Servitude's and Building Restrictions

kV	Building Restriction From Line Centre	Separation Parallel Lines	Timber Restriction Forestry Area
22 and below	11	12	-
33 (H-pole)	15.5	14	-
66	15.5	14	33
88 (Horizontal)	15.5	21	33.5
88 (Delta)	15.5	15	33.5
132	15.5	25	36
<u>132 (Double)</u>	<u>15.5</u>	<u>32</u>	<u>36</u>
275	23.5	32	38.5
400	23.5	35	38.5
765	40	60	-

3.6.16.5 Standard Insulation Levels and Creep-age Distances

System Nominal Voltage	System Highest Voltage	BIL at sea level kV	60 sec power Hz withstand Test kV	Creepage dist over external insul		
				Normal mm	Special mm	Extreme mm
3.3	3.6	45	16	70	70	125
6.6	7.2	75	22	140	140	180
<u>11</u>	<u>12</u>	<u>95</u>	<u>28</u>	<u>240</u>	<u>240</u>	<u>300</u>
15	17.5	110	38	350	350	440
22	24	150	50	480	480	600
33	36	200	70	720	720	900
44	48	250	95	960	960	1200
66	72	350	140	1400	1400	1800
88	100	380	150	2000	2000	2500
<u>132</u>	<u>145</u>	<u>550</u>	<u>230</u>	<u>2900</u>	<u>2900</u>	<u>3600</u>
220	245	825	360	3700	4900	6100
275	300	1050	460	4500	6000	7500
330	362	1300	570	5500	7300	9000
400	420	1425	630	6300	8400	10500

3.6.16.6 Minimum Vertical Clearances of Power Lines at Maximum Sag and Swing

Description	Note				
System Nominal Voltage (kV)	6.6	11	22	33	132
Highest System Voltage (kV)	7.2	12	24	36	145
Minimum Safety Clearances	m	m	m	m	m
Phase to Ground	0.15	0.20	0.32	0.43	1.5
Phase to Phase	0.20	0.30	0.40	0.60	2.5
Minimum Vertical Clearances	m	m	m	m	m
Above ground outside townships	5.0	5.1	5.2	5.3	6.3
Above ground inside townships	5.5	5.5	5.5	5.5	6.3
Above roads in townships	7.5	7.5	7.5	7.5	7.5
Above proclaimed roads outside townships	7.5	7.5	7.5	7.5	7.5
To building, poles and structures not part of the power line	3.0	3.0	3.0	3.0	3.8
To other power lines	0.7	0.8	0.9	1.0	2.0

3.7 APPLICABLE SPECIFICATIONS

ITEM	DESCRIPTION	OF	SANS/ SABS	IEC	BSS
1.	Circuit Breakers above 1kV		56	5311	
2.	Electrical power, switchgear & associated equipment				162

ITEM	DESCRIPTION OF SPECIFICATION	SANS/SABS	IEC	BSS
3.	AC metal enclosed switchgear			5227
4.	Insulation coordination		71	
5.	Isolators and earthing switches		129	5253
6.	Bushings for alternating voltages above 1kV		137	
7.	Guide to the Testing of Circuit Breakers with respect to Out of Phase Switching		267	
8.	Post insulators		273	
9.	Specification and acceptance on Sulphur Hexa Fluoride (SF6)		376	
10.	Surge diverters		99-1	
11.	Marking and arrangement of switchgear, busbars, main connections and small wiring			158
12.	Busbars and busbar connections	784		159
13.	Current Transformers		185	3938
14.	Voltage Transformers		186	3941
15.	Power transformers			171
16.	Distribution transformers	780	76	
17.	Pole mounted transformer	1029&1030		
18.	11kV Cables	97		
19.	PVC insulated cables	150		
20.	Integrating motors			37
21.	Motors	948		2613 / 170
22.	Small motor starters			587
23.	Contactors	1092	158-1	775
24.	Cartridge fuses up to 600V			88
25.	HRC fuses	172&173		2692
26.	Electrical indicating instruments		51	89
27.	Electrical protective relays			142
28.	Bushings	833&1035		
29.	Insulating oil for transformers & switchgear	555	148	

ITEM	DESCRIPTION	OF	SANS/ SABS	IEC	BSS
30.	Cable sealing boxes				2562
31.	Colours		1091		381C
32.	Moulded case circuit breakers		156		
33.	Structural steel sections		222		4
34.	The use of structural steel in Buildings				449
35.	Weldable structural steel				4360
36.	Isometric black hexagon & square bolts, screws, nuts		135		
37.	Hot-dip galvanized coatings on iron and steel		763		729
38.	Phosphate treatment of iron & steel				3189
39.	Electroplated coatings of tin				1872
40.	Mild steel rivets		435		
41.	Insulators for lines		161& 177		137
42.	Insulator and conductor fittings		178		3288
43.	General purpose galvanized steel wire				183
44.	Aluminium conductors, steel reinforced, for overhead power transmission lines		182		215
45.	Low voltage air-break switches		152		
46.	Low Voltage lightning arrestors		171		
47.	Flameproof enclosures for electrical apparatus		314		
48.	Wooden Poles		753& 754		
49.	Painting		630		
50.	Undercoat painting		681		
51.	Zinc chromate primer		679		
52.	Specification for Grey iron coatings				1452
53.	Metric dimensions				3979
54.	General requirements for rotating electrical machines				4999

ITEM	DESCRIPTION	OF	SANS/ SABS	IEC	BSS
55.	Recommendations for the classification of materials for the insulation of electrical machinery & apparatus in relation to their thermal stability in service			85	
56.	Capacitors			70	1650
57.	Specification for large power transformers		NEMA	TRI	
58.	Aerial Bundled Conductor Systems		1418		

3.8 CLASSIFICATION FOR EXCAVATION PURPOSES

The Contractor will use manual labour as far as possible to excavate any class of material, but his chosen method of excavation shall not determine the classification of the excavation. The Engineer will decide on the classification of the materials. The classification will be based on inspection of the material to be excavated and on the criteria given below. The Engineer's decision shall, subject to the relevant provisions of the contract, be final and binding.

The excavation of material will be classified as follows for purposes of measurement and payment:

3.8.1 SOFT EXCAVATION

Soft excavation shall be excavation in material that can be efficiently removed by a back-acting excavator of flywheel power approximately 0,10kW per millimetre of tined-bucket width, without the assistance of pneumatic tools such as paving breakers, or that can be efficiently loaded, without prior ripping or stockpiling, by a rubber tyre type front-end loader of mass approximately 15 t and flywheel power approximately 100kW.

3.8.2 INTERMEDIATE EXCAVATION

Intermediate excavation shall be excavation in material that requires a back-acting excavator of flywheel power exceeding 0,10kW per millimetre of tined-bucket width or the use of pneumatic tools before removal by loading equipment equivalent to that specified in "Soft excavation" above.

3.8.3 HARD ROCK EXCAVATION

Hard rock excavation shall be excavation in material that cannot be efficiently removed without blasting or without wedging and splitting before removal.

The tenderer must give a unit rate in the Bill of quantities for excavations of trenches and pole excavations as if a classification of Intermediate excavation is applicable.

3.9 LAWS AND REGULATIONS

The Contractor will be responsible to ensure that the Contract Works comply in full of the requirements laid out in the latest edition of the following:

- a) The Occupational health and Safety Act, Act 85 of 1993.
- b) The Code of Practice for Overhead Power Lines for Conditions.
- c) The Code of Practice for Wiring of Premises (SABS 0142).
- d) Relevant regulations of the City of Mbombela.
- e) The relevant NRS specifications.

3.10 DRAWINGS

The Contractor shall conform to the drawings and specifications and to any orders in writing which the Engineer DULY supply during the progress of the Works. Should any difference or discrepancy exist between the drawings and the specifications, or should there be any difference or discrepancy in the figures or in the scales or in quantities, or the descriptions or the dimensions or between any of them or in any other respect whatsoever, it shall be the duty of the Contractor to seek in writing the decision of the Engineer on the true intent and meaning of the contract, the Engineer's decision shall be final and binding.

3.11 CONTRACTOR TO INFORM AND SATISFY HIMSELF FULLY AS TO ALL CONDITIONS AFFECTING THE CONTRACT PRICE

The Contractor shall be deemed to have satisfied himself as to all the conditions and circumstances affecting the Contract Price, as to the possibility of executing the Contract works as shown and described in the contract and as to the general circumstances of the site of the Contract Works; and to confirm his price, according to his own view of these, as no additional allowances except as otherwise herein expressly provided for, will afterwards be made beyond the Contract Price.

3.12 NOTICES

All instructions, directions, and notices from the Employer to the Contractor, and all notices from the Contractor to the Employer for the purposes of the Contract shall be conveyed in writing and shall be deemed to have been duly served at the time when the letter containing the same would be delivered in the ordinary course of the post and in proving such service it shall be sufficient to prove that the letter was properly addressed and posted.

3.13 SITE MEETINGS

A senior member of the Contractor's organization will be required to attend site meetings throughout the continuance of the contract. It is estimated that site meetings shall be held at two weekly intervals. The tenderer shall allow for attendance at these meetings in his tender, however, no guarantee can be given as to the exact number or intervals between each of these site meetings. No extras to the contract will be allowed and any

additional site meeting required or called for is at the absolute discretion of the Engineer.

3.14 NOTICE BY CONTRACTOR OF WORK BEING COVERED OR BUILT-IN

The Contractor shall give notice to the Engineer at least one week before the date on which he will be ready for the inspection of any work that is to be covered over or built in as part of the works and which would not be accessible for inspection after being so covered or built in. The Contractor shall not proceed with the covering or building in of such work without the prior approval of the Engineer.

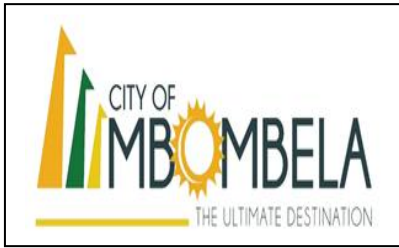
3.15 PROJECT STEERING COMMITTEE

A Project Steering Committee will be constituted by the ward councillor and selected members from his ward committee. The ward councillor will appoint a community liaison officer (CLO). The CLO will assist the engineer and contractor with all liaison required with the community and labour force.

3.16 MANDATORY SUBCONTRACT WORK

A sub-contracting and Labour-Intensive Construction (LIC) Method of up to Thirty percent (30%), where it is possible or the percentage or amount as stipulated on the bid document, is mandatory on this bid to the local community service provider/s where the construction works will be undertaken. The process of identifying and appointing of the sub-contractor(s) must be competitive, transparent, fair and equitable.

It remains the contractor's responsibility to enter into agreement with these subcontractor/s, to negotiate payment, guarantees and percentage and duration of the retention kept, strictly in accordance with the CIDB regulations. No direct payments to, or sessions in favour of subcontractors will be entertained. It stays the responsibility of the main contractor.



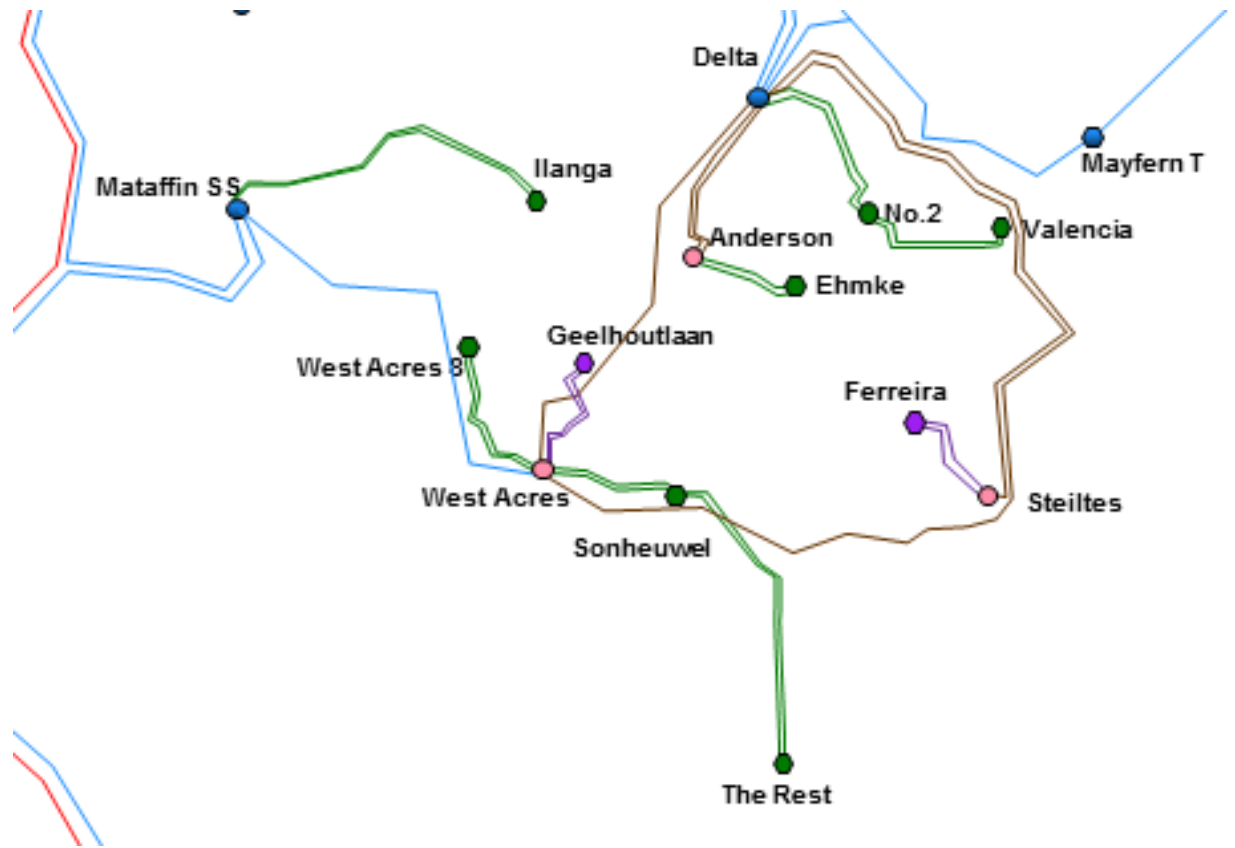
02/222

APPOINTMENT OF A PANEL FOR ELECTRICAL SERVICE PROVIDERS FOR CONSTRUCTION OF THE 132KV BACKBONE INFRASTRUCTURE PROJECTS WITHIN CITY OF MBOMBELA FOR A PERIOD OF THREE YEARS.

Part C4: Site information

C4. Site Information

The site for the supply, delivery, installation, construction, and commissioning of the 132kV backbone Infrastructure is situated in the City of Mbombela area of supply as follows:



CHECKLIST FOR RETURNABLE DOCUMENTS STIPULATED UNDER SPECIAL CONDITIONS OF TENDER DOCUMENTS AS MANDATORY REQUIREMENTS. THIS DOCUMENT SHALL BE APPLICABLE TO ALL TENDER DOCUMENTS OF THE CITY.

Preamble

The objective of this checklist is aimed at ensuring that interpretation and application of the special conditions and other mandatory requirements at Bid Evaluation Committee (BEC) & Bid Adjudication Committee (BAC) are aligned as envisaged by the Bid Specification Committee (BSC). This will enhance consistency and uniformity in the entire bid committee system whilst promoting “user friendly” principles by simplifying tender requirements to all interested prospective bidders.

ITEM NO:	DESCRIPTION / RETURNABLE DOCUMENTS	NOTES	FOR OFFICE USE ONLY	
			CHECKLIST	YES or NO or N/A
1.	Company Registration Certificate	a) It's a certificate issued by the Companies and Intellectual Property Commission in line with section 14 of the Companies Act 78 of 2008 b) A Certificate issued by CIPRO in line with section 2 of the Close Corporation Act 69 of 1984 NB: The registration of Close Corporations (CCs) was replaced by introduction of the New Companies Act which came to effect in April 2011. CCs to be recognized as valid registration certificate will be up to 2010.	Has the bidders attached a valid company registration document in line with the applicable legislation?	YEE
2.	Company Profile	a) A Company Profile is a professional introduction of your Business that aims to inform Clients about its purpose, vision, trustworthiness, products and services, and experience of your Company. It is basically a “CV for your Business/Company”	Has the bidder attached a company profile and its experience is relevant to add value on this project?	N/A
3.	Certification of documents to be submitted together with the tender document. I.e. ID Copies of business owners, qualifications, Licenses and certificates, accreditation by professional bodies, proof of ownership document, appointment letters, completion certificates, etc.	a) The certification of documents must be done by a commissioner of oath as prescribed in the Justices of the Peace and Commissioners of Oaths Act 16 of 1963 and its Regulations. b) Acceptable certified copies are copies originally certified from any police station, post office, Lawyers or notary public (who are members of a recognised professional body), Actuaries or accountants (who are members of a recognised professional body), Members of the judiciary, Directors, managers or company secretaries of a banks or regulated financial services business. c) <i>Commissioner of Oaths stamps can be purchased at Stationary shops, but it can be custom made following the below example:</i> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> CERTIFIED TRUE COPY OF THE ORIGINAL DOCUMENT. THERE ARE NO INDICATIONS THAT THE ORIGINAL DOCUMENT HAS BEEN ALTERED BY UNAUTHORISED PERSONS. Designation (rank) ex officio: RSA Date: Place Business Address: Commissioner of Oaths Signature Full Names </div> NB: All certified copies must NOT exceed three months and be originally certified.	Has the bidder certified all documents to be certified as per special conditions of bid? Check validity on the date, check if the commissioner of oaths stamp is compliant as per example copied from the Regulations.	YES

4.	Central Supplier Database (CSD) Full report, (Summary report will NOT be acceptable). N/B CSD Report date should not be more than 30 days before Bid closing date.	a) The City requires that all prospective bidders should be registered on CSD. This is aimed at verification of email addresses, phone numbers, banking details, company registration numbers, tax status with SARS, state employees, etc.	Has the bidder attached a full CSD report, are tax matters in good order, are the directors not in the employment of any state and the CSD report is not older than 30 days from the closing date?	YES
5.	Tax Compliant Status (TCS)	a) Prospective bidders are required to attach a valid TCS together with the tender document.	Has the bidder attached a valid (not expired) TCS? The designated official should verify the bidder's tax compliance status prior to finalization of the award of a bid or prize quotation. Where the recommended bidder is not tax compliant, the bidders should be notified of their non-compliant status and the bidder must be requested to submit to the City within 7 working days, written proof from SARS of their tax compliance status or proof from SARS that they have made arrangements to meet their outstanding tax obligations. The proof of tax compliance status submitted by the bidder to the City must be verified via the CSD report or e-Filing. The City should reject a bid submitted by the bidder if such a bidder fails to provide proof of tax compliance status within the timeframe stated above (See MFMA Circular No: 90).	YES
6.	Certified copy of B-BBEE Certificate / affidavit for B-BBEE status level of contributor (to claim points only).	<p>a) EMEs in terms of the B-BBEE Act 53 of 2003 may submit a sworn affidavit confirming annual total revenue and level of black ownership or Certified Copy of B-BBEE Certificate.</p> <p>b) Bidders other than EMEs and QSEs MUST submit their certified copies of valid B-BBEE status level verification certificate, substantiating their B-BBEE rating issued by a registered auditor approved by IRBA or a verification agency accredited by SANAS.</p> <p>c) A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.</p> <p>NB: There is NO consolidated affidavit for B-BBEE status level of contributor. Only consolidated B-BBEE certificate will be considered for JVs / Consortium & large companies that are making an annual turnover in excess of R50 million including value added tax (VAT). <i>This is not a disqualifying factor, non-adherence will lead to no allocation of B-BBEE points.</i></p>	<p>Is the copy B-BBEE Certificate valid?</p> <p>Is the sworn affidavit for EME / QSE in line with the threshold for EME and EME and valid?</p> <p>If the tendering entity is a JV / Consortium / Large company, has the bidder attached a certified copy of a valid and consolidated B-BBEE certificate in order to claim points as prescribed by the MSCM Regulations?</p> <p>Is the copy of B-BEE certificate certified by the Commissioner of Oaths reflects as prescribe on the regulations of the Act?</p> <p>Is the affidavit for B-BBEE stamped and signed by commissioner of oaths?</p> <p>I.e. full names and signature, force/practice</p>	YES

			number, designation / rank, date and address. Is the certification date not older than 3 months and original ink is clear on the document to confirm if it is originally certified?	
7.	Formal agreement must be attached in case of a joint venture (JV) or consortium.	a) The JV/consortium must amongst others, reflect clear profit and loses sharing percentages. It is compulsory that the lead partner must have at least 51% majority shares in the JV/consortium.	If the tendering entity / bidder is a JV/Consortium, has the bidder attached a detailed JV/Consortium agreement with all critical information?	YES
8.	In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit separate required returnable documents.	a) This will not be applicable to functionality and B-BBEE requirements.	If the tendering entity / bidder is a JV/Consortium, have the parties involved attached all individual required documents as per special condition of bid?	YES
9.	<p>Latest municipal rates and taxes certificates from relevant local authority for the business and all business directors</p> <p>OR</p> <p>Proof of resident from tribal authority for the business and all business directors</p> <p>OR</p> <p>Lease agreement with the Lessor's latest municipal rates and taxes certificates from relevant local authority.</p> <p>NB: All accounts owing any municipality for more than 90 days will be disqualified as prescribed on the MSCM Regulations.</p>	<p>a) If the business is operated and its director(s) are residing within a municipal area, bidders are expected to attach latest municipal rate and taxes certificates for the business and ALL its directors.</p> <p>b) If the business is operated and its director(s) are residing within a tribal authority. Bidders are expected to attach proof of resident for the business and ALL its directors.</p> <p>c) If the business directors are leasing a facility for residential purposes, they are required to attach individual lease agreement with lessor's latest municipal rates and taxes for a facility is within a Municipal boundary and if the business is renting office / business facility, the bidders are required to attach lease agreement for the business with lessor's latest municipal rates and taxes for a facility within a municipal boundary. If the facility leased is in a rural area, lease agreement will be accompanied with the lessor's proof of residential from a tribal authority.</p> <p>NB: <i>Domicilium citandi at executandi</i>: Domicilium citandi et executandi is a Latin legal term meaning the address nominated by a bidder in a legal contract where legal notices may be sent.</p> <p>Bidders are encouraged to update their addresses when they relocate their businesses and the preferred address on the CSD should be in line with the address on the Company Registration Document. It is the responsibility of the bidder to ensure that all physical addresses reflected either on the company registration document and CSD are not owing any municipal rates and taxes for more than three months including the Lessor's municipal account in case of lease. The rationale behind this requirement is the enhance revenue in RSA municipalities as enshrined on the Municipal Systems Act 32, 2000. Alignment of addresses must be as per special conditions in the tender document.</p>	<p>Has the bidder attached latest municipal rates and taxes from relevant local authority for the company / business and all company directors / owners?</p> <p>In case of lease, has the bidders attached lease agreements and lessor's proof of res from a tribal authority or latest municipal rates and taxes certificate?</p> <p>Is the account not in areas for more than 90 days (3 months)?</p>	YES
10.	<p><u>Forging of documents/certificates</u></p> <p>The City has noted that prospective bidders are allegedly submitting fraudulent and forged documents when bidding for tenders. Bidders are advised not to commit fraudulent activities and forge documents. The City will ensure that this Act is adhered to by reporting all abusers of the SCM system to SAPS and enlist them on the Register of Tender Defaulters as prescribed on section 29 of the Prevention and Combating of Corrupt Activities Act 12 of 2004.</p>	<p>Section 34(1)(b) of the Prevention and Combating of Corrupt Activities Act 12 of 2004, stipulates that: <i>"any person who holds a position of authority and who knows or ought reasonably to have known or suspected that any other person has committed the offence of theft, fraud, extortion, forgery or uttering a forged document involving an amount of R100 000 or more, must report such knowledge or suspicion or cause such knowledge or suspicion to be reported to any police official"</i>.</p> <p>Section 34(2) of the same Act stipulates that: <i>"subject to the provision of section 37(2), any person who fails to comply with subsection (1), is guilty of an offence"</i>.</p>	<p>Are there any suspicious / alleged fraudulent or forged documents?</p> <p>If yes, has the matter been reported to the nearest SAPS following correct institutional protocol?</p> <p>Has the matter been registered with the Registrar to enable due processes and per the Act?</p> <p>NB: The minutes of the BEC / BAC should detail</p>	YES

	Abusers of the SCM system, amongst other penalties, may be restricted to do business with any Public Institutions for a period NOT exceeding 10 years (see section 28 of this Act).		all the elements of alleged fraud and forged documents.	
11.	Copy of Public Liability insurance. Only insurance covers from registered and authorized financial service providers will be accepted.	a) Public liability insurance may vary from one project to another on the basis of the level of risk and complexity of the project. Minimum cover to be determined by the BSC prior consultation with the project manager if deemed necessary.	If applicable, is the bidder compliant with the minimum cover stipulated in the bid document? Is the public liability insurance from a registered financial institution?	YES
12.	Recent audited / independently reviewed financial statements for three consecutive years. NB: if a company provides any financial statements in terms of section 29 of the Companies Act, such statements must comply with the provision of the Act.	a) Applicable to private companies that are not managed by its owners, if: <ul style="list-style-type: none"> - It compiles its financial statement internally and its public interest score is less than 100. - It has its financial statements compiled independently and its public interest score is between 100 and 349. - the public interest score is 350 points or more, is required for an audit to be conducted. 	Has the bidder furnished MBD 5 as mandatory for all projects estimated to be in excess of R10 million? Has the bidder attached the relevant AFS as required by law and is it aligned with his/her declaration on MBD 5? False / mismatched / inconsistent declaration may lead to immediate disqualification.	YES
13.	Recent annual financial statement (AFS) for three consecutive years (unaudited AFS). NB: if a company provides any financial statements in terms of section 29 of the Companies Act, such statements must comply with the provision of the Act.	a) Applicable to private companies with a public interest score of less than 100. b) If, with respect to a particular company, every person who is a holder of, or has a beneficial interest in, any securities issued by that company is also a director of the company, that company is exempt from the requirements in this section to have its annual financial statements audited or independently reviewed. NB: An independent review will suffice if the company has opted to have its financial statement audited or is required by its Memorandum of Incorporation (MOI) to do so.	Has the bidders furnished MBD 5 as mandatory? Has the bidder attached the relevant AFS as required by law in line with his/her declaration on MBD 5?	YES
14.	Functionality / Quality for evaluation of complex projects	a) Functionality test refers to evaluation of bidders on various aspects of the contract to establish if the bidders has the capabilities to execute the contract or not. The various aspect may include but not limited to: track record and experience on similar projects, human resource and their individual experience, financial capabilities, relevant technology, etc. NB: Functionality will not be compulsory for all projects but for complex projects. Functionality criteria will vary from one project to another.	Has the bidder met the minimum threshold on functionality in order to qualify for further evaluation on price and B-BBEE? Has the bidders been scored in line with the evaluation criteria set on the tender document? All portfolio of evidence attached and certified as stated on the bid document?	YES
15.	The Compensation for Occupation Injuries and Diseases Act 130 of 1993 (COIDA)	a) The COIDA provides for compensation for disablement caused by occupational injuries or diseases sustained or contracted by employees in the course of their employment, or for death resulting from such injuries or diseases, hence bidders are expected to attach COIDA certificates in line with their specialize area aligned to the type/nature of business.	If applicable, is the COIDA certification / letter of good standing attached, valid and reflects the nature of work in line with the scope of works?	YES