



PROVINCE OF THE EASTERN CAPE

PANEL FOR REPAIRS AND MAINTENANCE OF STREETLIGHTS FOR TWO (02) YEARS

CONTRACT NO: UMZ/2024-25/INFRA/RM-STL/001

Bidder

.....

Total of the prices inclusive of value added tax: R

CRS No.....

***BIDDER'S CLOSES AT THE OFFICES OF: UMZIMVUBU LOCAL MUNICIPALITY
 OFFICES MT FRERE AT 12H00 ON WEDNESDAY THE 12th MARCH 2025***

Documents are to be delivered by hand in the tender box as no faxed copies will be acceptable; the box is situated at 'Reception' of Umzimvubu Local Municipality, Dabula Street, KwaBhaca.

NO LATE SUBMISSION WILL BE CONSIDERED

**Issued and by:
 UMZIMVUBU LOCAL MUNICIPALITY
 DABULA STREET
 KWABHACA
 5090**

**Municipal Manager : G.P.T. Nota
 Contact person : L. Moleko
 Telephone : 039 – 255 8500**

UMZIMVUBU LOCAL MUNICIPALITY
CONTRACT NO. UMZ/2024-25/INFRA/RM-STL/001
FOR
PANEL FOR REPAIRS AND MAINTENANCE OF STREETLIGHTS FOR TWO (02) YEARS (KwaBhaca & EmaXesibeni)

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1. **BACKGROUND**

The Umzimvubu Local Municipality, Infrastructure Department, requires the **services of suitably qualified and experienced contractors** to provide street lighting normalization, Repairs and maintenance on an adhoc basis, for a **period of 24 months** from the date of appointment. Details are indicated on the following schedules.

The street light networks consist of a combination of underground cable, bare overhead conductors and ABC conductors. Pole sizes range from 3,8 m to 17 m with and without street light brackets. There will be a maximum of three service providers awarded for this project.

CIDB (CONSTRUCTION INDUSTRY DEVELOPMENT BOARD)

Only those bidders who are registered with the CIDB or are capable of being so registered prior to the evaluation of bids, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum bidden for a 04 EP class of construction work, are eligible to submit bids.

In instances where the works or materials is not on the bill of quantities, the successful contractor can be requested to supply the required material according to the Umzimvubu Local Municipality specification at market related cost (proof of purchase will be required which must be market related) and the successful contractor/s will be allowed a mark-up of 10% on the said purchased equipment.

In the event of any dispute arising from whether such pricing is market related or not, three quotations will be called by Umzimvubu for the same material from three different suppliers and the cheapest of the three will be accepted by the contractor and Umzimvubu as the market related value.

The street lighting maintenance will include but not be limited to the following: -

- General repair and maintenance of all street- and area lighting
- Repair of damage to the networks, accidental or malicious, e.g. poles, fittings, control panels, etc.
- Replacement of luminaires, control circuits, lamps, bowls, ballasts, ignitors, diffusers, circuit breakers, fuses, etc.
- The removal and replanting of street light poles.
- Location and repair of streetlight cable faults.
- Location and repair of bare overhead line and ABC faults where these are not part of the main distribution network.
- Straightening of leaning street light poles.
- Auditing, updating of drawings and numbering of street light poles and luminaires.
- Welding of doors, panels, pole covers or replacements, etc.
- Branch trimming where it interferes with the street light supply circuits.
- Cleaning of bowls.

TRANSPORT

Transportation is pre-requisite to execute this work. The contractor must make use of his own vehicles and/or hired hydraulic lifting platforms (cherry pickers), crane trucks, etc and the cost must be included in the rates. Please include documentation of own vehicles that will be used and a declaration to the effect that specialized vehicles i.e. cherry pickers and crane trucks will be hired in, if they are not part of the contractor's fleet.

EQUIPMENT AND TOOLS

The contractor must supply all required tools and equipment i.e. winches, hydraulic lifting machines, fault finding equipment, etc to carry out the required maintenance and repair work and all those should be included in their tendered rates.

REGULATIONS

The work will be carried out strictly in accordance with the latest issues of the following documents:

- a) The Occupational Health and Safety Act, 1993 (Act 85 of 1993),
- b) The Electricity Department's Standard Policies and Procedures,
- c) The UMZIMVUBU LOCAL MUNICIPALITY By-Laws,
- d) Electricity Act, 1987 (Act 41 of 1987) (as amended). (Note, particularly, Government Gazette R103, 26 January 1996),
- e) Any special requirements of the Umzimvubu Local Municipality representative.

ENTERING AND CLOSING OF PRIMARY, SECONDARY SUBSTATIONS, MINIATURE SUBSTATIONS AND STREET LIGHT KIOSKS

- a) A competent person shall be authorized in writing to open and enter live primary-, secondary substations and open miniature substations and street light kiosks, if/when required.
- b) Whenever any substation, miniature substation or kiosk is visited, the doors and gates must be locked when leaving the premises. If no lock was fitted the contractor shall inform the Umzimvubu Local Municipality representative immediately, to ensure a lock is provided to him and the door/gate is locked.
- c) Care must be taken to ensure that nobody enters the premises while work is being carried out.
- d) Logbooks must be filled in on entering the substation or miniature substation and on completion of the work required.
- e) An authorised person that opens the substation, miniature substation or kiosk will remain in control of that substation, miniature substation or kiosk.
- f) The contractor/s shall do a visual inspection to ensure that it is safe to enter, before entering. If there is any doubt about the safety of entering or carrying out work in the substations or opening miniature substation or kiosk doors, the matter must be reported to the Umzimvubu Local Municipality representative.
- g) Some of the substations are fitted with pepper spray and the contractor must obtain the relevant information and requirements regarding those substations from the Umzimvubu Local Municipality responsible person.

T1.1 TENDER NOTICE AND INVITATION TO TENDER

MBD 1

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (UMZIMVUBU MUNICIPALITY.)

BID NUMBER: **UMZ/2024-25/INFRA/RM-STL/001** CLOSING DATE: **12TH MARCH 2025** CLOSING TIME: **12H00 PM.**

DESCRIPTION: **PANEL FOR REPAIRS AND MAINTENANCE OF STREETLIGHTS FOR TWO (02) YEARS (KwaBhaca & EmaXesibeni)**

The successful bidder will be required to fill in and sign a written Contract Form (MBD 7).

BID DOCUMENTS MAY BE POSTED TO:

MUNICIPAL MANAGER
UMZIMVUBU LOCAL MUNICIPALITY
PRIVATE BAG X 9020
KWABHACA
5090

CLEARLY STATE ON TOP THE ENVELOPE THE NAME: **PANEL FOR REPAIRS AND MAINTENANCE OF STREETLIGHTS FOR TWO (02) YEARS (KwaBhaca & EmaXesibeni).**

OR

DEPOSITED IN THE BID BOX SITUATED AT:

UMZIMVUBU LOCAL MUNICIPALITY OFFICE, DABULA STREET, KWABHACA, 5090, RECEPTION AREA

Bidders should ensure that bids are delivered timeously to the correct address. If the bid is late, it will not be accepted for consideration.

The bid box is generally open 24 hours a day, 7 days a week with assistance of municipal officials / security personnel.

ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (NOT TO BE RE-TYPED)

THIS BID IS SUBJECT TO THE GENERAL CONDITIONS OF CONTRACT (GCC), NATONAL ELECTRIC CODE (NEC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT / APPLICABLE LEGISLATION

THIS BID WILL BE EVALUATED AND ADJUDICATED ACCORDING TO THE FOLLOWING CRITERIA:

1. Relevant specifications
 2. Value for money
 3. Capability to execute the contract
 4. PPPFA & associated regulations
- *[insert any other criteria]*

NB: NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE (see definition on MBD 4 attached)

THE FOLLOWING PARTICULARS MUST BE FURNISHED (FAILURE TO DO SO MAY RESULT IN YOUR BID BEING DISQUALIFIED)

NAME OF BIDDER.....

POSTAL ADDRESS.....

STREET ADDRESS.....

TELEPHONE NUMBER CODE.....NUMBER.....

CELLPHONE NUMBER

.....

FACSIMILE NUMBER CODENUMBER.....

VAT REGISTRATION NUMBER.....

HAS AN ORIGINAL TAX CLEARANCE CERTIFICATE BEEN ATTACHED (MBD 2)? YES/NO

ARE YOU THE ACCREDITED REPRESENTATIVE
IN SOUTH AFRICA FOR THE GOODS/SERVICES OFFERED BY YOU? YES/NO
(IF YES ENCLOSE PROOF)

SIGNATURE OF BIDDER

DATE.....

CAPACITY UNDER WHICH THIS BID IS SIGNED

TOTAL BID PRICE.....

TOTAL NUMBER OF ITEMS OFFERED.....

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

Municipality / Municipal Entity: UMZIMVUBU LOCAL MUNICIPALITY

Department: BUDGET & TREASURY: SCM UNIT

Contact Person: Mr. X. Blaweni

Tel: 039 255 8500 Fax: 039 255 0167

ANY REQUIRIES REGARDING TECHNICAL INFORMATION MAY BE DIRECTED TO:

Contact Person: Mr. L. Moleko

Tel: 039 255 8500

Fax: 039 255 0167

T1.1 Tender Notice and Invitation to Tender



UMZIMVUBU
 LOCAL MUNICIPALITY

ADVERT DATE: 05 FEBRUARY 2025
PANEL FOR REPAIRS & MAINTENANCE OF STREETLIGHTS FOR TWO (02) YEARS.
UMZ/2024-25/INFRA/RM-STL/001

MANDATORY DOCUMENTS TO BE SUBMITTED, FAILURE TO DO SO WILL LEAD TO BID BEING DEMEED TO BE NON-RESPONSIVE.

Umzimvubu Local Municipality Supply Chain Management policy will apply. A confirmation from SARS with a verification pin, Copy of company Registration/Founding Statement/CIPC Document. 80/20 where 20 points will be allocated to **specific goal** 5 points for companies with 50% and above owned by youth, 5 points for people with disability, 5 points for 50% and above for Female ownership and 5 points for 100% Black ownership. Prices quoted must be firm and must be inclusive of VAT for vat vendors. Certified ID Copies of Managing Directors/ Owners. Compulsory submission MBD form 4, 6.1, 8 and 9 and Billing Clearance certificate or Statement of Municipal Accounts or affidavit or lease agreement or confirmation letter with declaration that a company does not owe municipal services for more than 90 days. Bid documents will be available **ON E-TENDER PORTAL FOR FREE TO BE DOWNLOADED**. No couriered, faxed, e-mailed and late tenders will be accepted. Certification of documents must be within a period of 90 days. Bidders must be registered on CSD and provide confirmation of registration. **There will be no compulsory briefing session and site visit.** Umzimvubu Local Municipality reserves the right not to appoint and value for money will be the key determinant of appoint. All tenders must be deposited in the tender box situated at Umzimvubu Local Municipality Offices at Dabula Street, KwaBhaca, Eastern Cape 5090 (30° 54' 30" S, 28° 58' 53" E) not later than **12h00 noon on 12th March 2025** as per table provided above, where they will be opened in public. All tenders must be clearly marked "Name of the project indicated above. **The municipality will not make any award to a person or persons working for the state**

FUNCTIONALITY

A minimum of 70 Points to be scored for further evaluation.

CRITERIA	POINTS
Ownership of Plant and Equipment	50
Company Experience and expertise	50
Total	100

Enquiries: All technical enquiries may be directed to Infrastructure and planning department: Mr. LJ Moleko @ 039 255 8500 and SCM enquiries may be directed to Mr. X Blaweni 0392558555 email: Blaweni.Xolisa@umzimvubu.gov.za

GPT NOTA: MUNICIPAL MANAGER

T1.2 TENDER DATA

T1.2 TENDER DATA

The Tender Data shall be read with the Standard Conditions of Tender in order to expand on the Tenderer's obligations and the Employer's undertakings in administering the tender process in respect of the project under consideration.

The Tender Data hereafter shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item of Tender Data given below is cross-referenced to the relevant clause in the Standard Conditions of Tender. The Conditions of Tender are the Standard Conditions of Tender as contained in Annex F of the CIDB

Standard for Uniformity in Construction Procurement, as printed in Board Notice 94 of 2006 in the Government Gazette No. 29138 of 2006 dated 18 August 2006.

The Standard Conditions of Tender make several references to the Tender Data which specifically applies 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 Tender Data given below is cross-referenced to the relevant clause in the Standard Conditions of Tender.

Tender Data Applicable to this Tender

Clause Number	Data / Wording
F.1.2	The Tender Documents consist of the following: (a) This Project Document, which contains the following: 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 PART C1: AGREEMENTS AND CONTRACT DATA C1.1 Form of Offer and Acceptance C1.2 Contract Data C1.3 Form of Guarantee C1.4 Agreement in terms of Section 37(2) of the Occupational Health and Safety Act No. 85 of 1993 C1.5 Transfer of rights PART C2: PRICING DATA C2.1 Pricing Instructions C2.2 Schedule of Quantities PART C3: SCOPE OF WORKS C3.1 Project Specifications
F.1.4	The Accounting Officer is: Name : Mr G.P.T. Nota Tel: (039) 255 8500 Fax: (039) 255 0167/1893 E-mail: notat@umzimbubu.gov.za
F.2.1	A Tenderer will not be eligible to submit a tender if: (a) the Contractor submitting the tender is under restrictions or has principals who are under restriction to participate in the Employer's procurement due to corrupt or fraudulent practices. (b) the Tenderer does not have the legal capacity to enter into the contract. (c) the Contractor submitting the tender is insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has

Clause Number	Data / Wording
	suspended his business activities, or is subject to legal proceedings in respect of the foregoing. (d) The Tenderer does not comply with the legal requirements stated in the Employer's procurement policy. e) The Tenderer cannot demonstrate that he possesses the necessary professional and technical qualifications and competence, financial resources, equipment and other physical facilities, managerial capability, personnel, experience and reputation to perform the contract. (f) The Tenderer cannot provide proof that he is in good standing with respect to duties, taxes, levies and contributions required in terms of legislation applicable to the work in the contract. Only Tenderers meeting the Construction Industry Development Board (CIDB) contractor grading designation of 4 EP or Higher, as defined in the Regulations (01 June 2004 as amended) in terms of the CIDB Act 38 of 2000, are eligible to submit tenders for this contract: In terms of the Umzimvubu Municipality Supply Chain Management Policy Guideline, all suppliers of goods and services to the Umzimvubu Municipality are required to register on the Database. (1) Application forms may be obtained by phoning 039 255 8500
F.2.7	There will not be a compulsory Clarification Meeting. Contact person for technical inquiries. Contact person: Mr. L. Moleko Tel: (039) 255 8500 Fax: (039) 255 0167 Email: moleko.lebohang@umzimvubu.gov.za
F.2.8	Change 'five working days' to 'seven working days. Working days shall be from Monday to Friday and shall exclude all gazetted public holidays.
F.2.10	(b) All tenderers must be registered for Value Added Tax (VAT) with the South African Revenue Services (SARS).
F.2.13	F.2.13.3 Tender offers shall be submitted as an original only. Under no circumstances whatsoever may the tender forms be retyped or redrafted. Photocopies of the original tender documentation may be used, but an original signature must appear on such photocopies. F.2.13.5 The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are: Location of Tender Box: In the Foyer, Umzimvubu Local Municipality Physical Address: Dabula Street, KwaBhaca Identification Details: PANEL FOR REPAIRS AND MAINTENANCE OF

Clause Number	Data / Wording
	STREETLIGHTS FOR TWO (02) YEARS Contract No. UMZ/2024-25/INFRA/RM-STL/001 F.2.13.6 A two-envelope system will <u>not be followed</u>.
	The closing time for submission of Tender Offers is: 12h00 on 12th March 2025 Telegraphic, telephonic, telex, facsimile, electronic, e-mailed and late tenders will not be accepted.
F.2.16	The tender offer validity period is 90 days from the closing time for submission of tenders.
F.2.19	Access shall be provided for inspections and testing by personnel acting on behalf of the Employer.
F.2.22	This is not applicable.
F.2.23	The certificates as required in the Returnable Schedules and Forms must be provided with the tender for each party to a consortium / joint venture.
F.3.1	Change 'five working days' to 'seven working days. Working days shall be from Monday to Friday and shall exclude all gazetted public holidays.
F.3.2	Change 'seven days' to 'five working days. Working days shall be from Monday to Friday and shall exclude all gazetted public holidays.
F.3.4	The time and location for opening of the tender offers are: Time: 12h00 Date: 12th March 2025 Location / Venue: Umzimvubu Local Municipality Reception.
F.3.5	A two-envelope system will <u>not be followed</u> .
F.3.11	Evaluation of tender offers
F.3.11.1	
F.3.11.2	1. EVALUATION CRITERIA The evaluation of this Bid will be conducted in the following two (2) stages:

Clause Number	Data / Wording															
	1. Functionality Criteria (a) Tenders will be pre-evaluated on the criteria as set out below. Bidders that score less than 70 out of 100 points for this criterion will be regarded as non-responsive and will not be evaluated on price and specific goals. Unclear, vague, fragmented or incomplete information provided will result in no points being allocated. (b) The Municipality reserves the right to request any documentation required to perform a meaningful functionality pre-evaluation. Bidders must therefore ensure that only relevant information is submitted. Please note that all feedback requested is time barred and SCM Evaluation team will not award any points for late submission and/or lack of response. (c) The following criteria will be used to calculate points for the functionality of tenders and bidders should ensure that they submit all information to be pre-evaluated on the criteria mentioned below: <table><tr><th>Functionality Criteria</th><th>Basis for points allocation</th><th>Score</th><th>Max. Points</th><th>Verification Method</th></tr><tr><td>Plant/Machinery</td><td> 1. 1x Crane truck 2. 1x Cherry picker 3. 2x Bakkies </td><td> 15 15 20 </td><td>50</td><td> Ownership (full points) or Lease agreement (half the points): Bidders must attach proof of ownership or lease agreement per plant or equipment to claim points. Please note: For leased machinery or equipment: copy of lease agreement must be signed by both parties. </td></tr><tr><td>Company experience & Expertise</td><td>05 or more completed Maintenance of Heavy Current Electrical Work projects.</td><td>30</td><td>50</td><td>Bidders must attach proof of experience where repairs and maintenance of</td></tr></table>	Functionality Criteria	Basis for points allocation	Score	Max. Points	Verification Method	Plant/Machinery	1. 1x Crane truck 2. 1x Cherry picker 3. 2x Bakkies	15 15 20	50	Ownership (full points) or Lease agreement (half the points): Bidders must attach proof of ownership or lease agreement per plant or equipment to claim points. Please note: For leased machinery or equipment: copy of lease agreement must be signed by both parties.	Company experience & Expertise	05 or more completed Maintenance of Heavy Current Electrical Work projects.	30	50	Bidders must attach proof of experience where repairs and maintenance of
Functionality Criteria	Basis for points allocation	Score	Max. Points	Verification Method												
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Company experience & Expertise	05 or more completed Maintenance of Heavy Current Electrical Work projects.	30	50	Bidders must attach proof of experience where repairs and maintenance of												

Clause Number	Data / Wording					
			Site agent: Minimum of National Diploma in Electrical Engineering with trade test and 05 years' experience	10		Heavy Current Electrical Work was completed for other customers/institutions/ municipalities in a form of a signed appointment letter/order number, completion certificate and signed positive reference letter relating to the experience to be attached for points to be awarded. Certified copies of the listed qualifications with respective CV's should be attached.
			Site Foreman: With LV Authorization from Eskom, Prior Learning Experience and 05 years work experience	10		
2.	<u>Preference points systems</u> Only those qualifying Bids will be evaluated in terms of the 80/20 preference points systems, where the 80 will be used for price (VAT inclusive) and the 20 for points awarded for specific goals. The procedure for evaluation of responsive Tender Offers will be Method 2: Financial offer and preferences.					
F.3.13	F.3.13.1 The legal requirements for acceptance of the tender offer are: (a) Tender Defaulters Register – the Tenderer or any of its principals is <u>not</u> 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. (b) Abuse of the SCM System – the Tenderer has <u>not</u> abused the Employer's Supply Chain Management System and has <u>not</u> been given a written notice to the effect that he has failed to perform on any previous contract. (c) Declaration – the Tenderer has indicated and declared whether a spouse, child or parent of the Tenderer is in the service of the State. (d) Fraud and Corruption – the Employer is satisfied that the Tenderer or any of his principals have <u>not influenced</u> the tender offer and acceptance by the following criteria:					

Clause Number	Data / Wording
	(A) having offered, promised or given a bribe or other gift or remuneration to any person in connection with the obtaining of this Contract. (ii) having acted in a fraudulent or corrupt manner in obtaining this Contract. (iii) having approached an officer or employee of the Employer or the Employer's Agent with the object of influencing the award of a Contract in the Tenderer's favour. (iv) having entered into any agreement or arrangement, whether legally binding or not, with any other person, firm or company to refrain from Tendering for this Contract or as to the amount of the Tender to be submitted by either party. (v) having disclosed to any other person, firm or company other than the Employer, the exact or approximate amount of his proposed Tender. (c) (d) The Employer may, in addition to using any other legal remedies, repudiate the Tender offer and acceptance and declare the Contract invalid should it have been concluded already.
F.3.18	The number of paper copies of the signed contract to be provided by the Employer is one (1) .

T2. RETURNABLE DOCUMENTS

A. CERTIFICATE OF ATTENDANCE (N/A)

This is to certify that (*Tenderer*)

of (*address*)

..... was represented by the person(s) named below at the compulsory clarification meeting held for all tenderers **at the Umzimvubu Local Municipality offices, Mount Frere on starting at 10h00.**

I / We acknowledge that the purpose of the meeting was to acquaint myself / ourselves with the site of the works and / or matters incidental to doing the work specified in the tender documents for me / us to take account of everything necessary when compiling our rates and prices included in the tender.

Particulars of person attending the meeting:

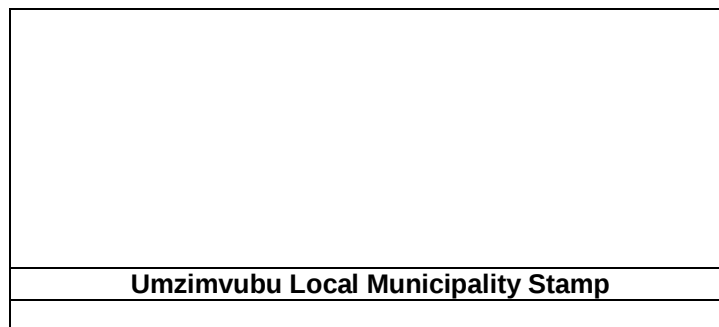
Name: Signature:

Capacity:

Attendance of the above person at the meeting is confirmed by the Employer's agent, namely:

Name: L. Maqalekane Signature:

Capacity: PROJECT MANAGER Date and Time:



B. RECORD OF ADDENDA TO TENDER DOCUMENTS

I / We confirm that the following communications received from the Employer or his representative before the date of submission of this tender offer, amending the tender documents, have been considered in this tender offer and are attached hereto.

ADDENDUM No.	DATE

Please attach all Addenda to this page

SIGNATURE:

DATE:

(Of person authorised to sign on behalf of the Tenderer)

C. COMPULSORY ENTERPRISE QUESTIONNAIRE

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

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: CIDB registration number, if any:

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 5: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 6: Record of service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently serving or has served within the last 12 months as 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 the National Assembly or the National Council of Province | ☐ a member of an accounting authority of any national or provincial public entity |
| ☐ a member of the board of directors of any municipal entity | ☐ an employee of Parliament or a provincial legislature |
| ☐ an official of any municipality or municipal entity | |

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

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	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 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently serving or has served within the last 12 months as 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 spouse, child or parent	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

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the enterprise:

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order.
- ii) confirms that neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise, appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004.
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise, has within the last five years been convicted of fraud or corruption.
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have 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;
- v) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed _____ Date _____

Name _____ Position _____

Enterprise
name _____

D. CERTIFICATE OF AUTHORITY

The tenderer must indicate the enterprise status by ticking the appropriate box hereunder.

(I) SOLE PROPRIETOR	(II) CLOSE CORPORATION	(III) PARTNERSHIP	(IV) COMPANY	(V) JOINT VENTURE

The tenderer must complete the relevant certificate/s set out hereafter or must provide a certificate authorising the signatory on behalf of the enterprise(s).

(I) CERTIFICATE FOR SOLE PROPRIETOR

I....., hereby confirm that I am the sole owner of the
 business trading as:.....

Specimen Signature of Sole Owner:

Date:

In the case of a Joint Venture, this certificate must be completed by all Joint Venture partners that are Sole Proprietorships.

(II) CERTIFICATE FOR CLOSE CORPORATION

I / We, the undersigned, being the key members in the business trading as.....
 hereby authorise Mr/Ms, acting in the
 capacity of, to sign all documents in connection with the
 tender for Contract No. and any contract resulting from it on our behalf.

Signatures of Members:

NAME	ADDRESS	SIGNATURE	DATE

Note: *This certificate is to be completed and signed by all of the key members upon whom rests the direction of the affairs of the Close Corporation as a whole.*

Specimen Signature of Signatory:

Date:

In the case of a Joint Venture, this certificate must be completed by all Joint Venture partners that are Close Corporations.

(III) CERTIFICATE FOR PARTNERSHIP

We, the undersigned, being the key partners in the business trading as

.....

hereby authorise Mr/Ms

acting in the capacity of, to sign all documents in connection with the

tender for Contract No. and any contract resulting from it on

our behalf.

NAME	ADDRESS	SIGNATURE	DATE

Note: *This certificate is to be completed and signed by all of the key partners upon whom rests the direction of the affairs of the Partnership as a whole.*

Specimen Signature of Signatory:

Date:

In the case of a Joint Venture, this certificate must be completed by all Joint Venture partners that are Partnerships.

(IV) CERTIFICATE FOR COMPANY

I, chairperson of the Board of Directors

of, hereby confirm that by resolution of the Board

(copy attached) taken on 20.....,

Mr/Ms, acting in the capacity of

....., was authorised to sign all documents in connection with this tender and any contract resulting from it on behalf of the company.

Signature of Chairman:

Specimen Signature of Signatory:

Date:

In the case of a Joint Venture, this certificate must be completed by all Joint Venture partners that are companies.

(V) CERTIFICATE FOR JOINT VENTURE

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorize
 Mr/Ms
 authorized signatory of the company
 acting in the capacity of Lead Partner, to sign all documents in connection with the tender offer for,
 Contract No. and any contract resulting from it on our behalf. This
 authorisation is evidenced by the attached power of attorney signed by legally authorised signatories of
 all the partners to the Joint Venture.

NAME OF FIRM	ADDRESS	AUTHORISING SIGNATURE, NAME AND CAPACITY

Note: *This certificate is to be completed and signed by all of the key partners upon whom rests the direction of the affairs of the Joint Venture as a whole.*

Specimen Signature of Signatory:

Date:

DETAILS OF CONTRACT MANAGER, ELECTRICIAN AND ARTISANS EXPERIENCE

Tenderers shall set out in the Schedule hereunder details of the Plumber/ Contract Manager and Artisans experience in work of a similar nature to that for which their Tender is submitted.

Failure to complete this Schedule may result in the Tender not being considered.

CONTRACT MANAGER AND ELECTRICIAN	NAME:NQF LEVEL.....			
CONTRACT & CLIENT	NATURE OF WORK	POSITION HELD	VALUE OF WORK	YEAR COMPLETED

ARTISAN	NAME:NQF LEVEL.....			
CONTRACT & CLIENT	NATURE OF WORK	POSITION HELD	VALUE OF WORK	YEAR COMPLETED

Number of sheets, appended by the tenderer to this Schedule..... (If nil, enter NIL).

MBD 2

TAX CLEARANCE REQUIREMENTS

The tenderer is to attach SARS pin issued by the South African Revenue Services (SARS) to this page

MBD2/ Application for tax Certificate

**ANNEXURE C
MBD 4**

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.

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

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

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee, shareholder²)

3.4 Company Registration Number:

3.5 Tax Reference Number.....

3.6 VAT Registration Number:

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

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

3.8.1 If yes, furnish particulars.

.....

¹MSCM Regulations: "in the service of the state" means to be –

(a) a member of –

- (i) any municipal council.
- (ii) any provincial legislature; or
- (iii) the national Assembly or the national Council of provinces.

(b) a member of the board of directors of any municipal entity;

(c) an official of any municipality or municipal entity.

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

(e) a member of the accounting authority of any national or provincial public entity; or

(f) an employee of Parliament or a provincial legislature.

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

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

- 3.9.1 If yes, furnish particulars.....
- 3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
- 3.10.1 If yes, furnish particulars.
.....
.....
- 3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
- 3.11.1 If yes, furnish particulars
.....
.....
- 3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES/ NO**
- 3.12.1 If yes, furnish particulars.
.....
.....
- 3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**
- 3.13.1 If yes, furnish particulars.
.....
.....
- 3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether they are bidding for this contract. **YES / NO**
- 3.14.1 If yes, furnish particulars:
.....
.....

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

Full Name	Identity Number	State Employee
-----------	-----------------	----------------

		Number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

MBD 6.1

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT
REGULATIONS 2022**

This preference form must form part of all bids 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 TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

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

1.2 To be completed by the organ of state

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

(e) **“The Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3.1 POINTS AWARDED FOR THE PRICE

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

$$P_s = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$$
$$P_{min} = \text{Price of lowest acceptable tender}$$

3.2.1 POINTS AWARDED FOR THE PRICE

80/20 or **90/10**

$$P_s = 80 \left(1 - \frac{Pt - P_{max}}{P_{max}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{Pt - P_{max}}{P_{max}} \right)$$

P_{max} = Highest acceptable tender

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:

4.2.1an 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

4.2.2 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 organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
100% Black Owned		5		
50% and above Female owned		5		
50% and above Youth owned		5		
Disability		5		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3 Name of company/firm.....

4.4 Company registration number:

4.5 TYPE OF COMPANY/ FIRM

4.5.1 Partnership/Joint Venture / Consortium

4.5.2 One-person business/sole propriety

4.5.3 Close corporation

4.5.4 Public Company

4.5.5 Personal Liability Company

4.5.6 (Pty) Limited

4.5.7 Non-Profit Company

4.5.8 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 because 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 because of that person's conduct
 - (c) cancel the contract and claim any damages which it has suffered because 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:	
	
	
	

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

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

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). 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.	Yes ☐	No ☐
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
4.2.1	If so, furnish particulars:		

4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☐
4.3.1	If so, furnish particulars:		
Item	Question	Yes	No
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes ☐	No ☐
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☐
4.7.1	If so, furnish particulars:		

CERTIFICATION

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

I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT,
ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE
TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse.
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

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

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

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

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

I certify, on behalf of _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate.
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect.
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder.
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder.
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation.
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
- (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation

.....

Signature

.....

Position

.....

Date

.....

Name of Bidder

C1: AGREEMENTS AND CONTRACT DATA

C1.1 FORM OF OFFER AND ACCEPTANCE

A. OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter a contract in respect of the following works:

Bid
Description.....
Bid
number.....

The Tenderer, identified in the Offer signature block below, has examined the documents listed in the Tender Data and addenda thereto as listed in the Tender 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 Value Added Tax is:

Amount in Words.....
.....
...
.....
.

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 to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

Signature: (of person authorised to sign the tender):

Name: (of signatory in capitals):

Capacity: (of Signatory):
.....

Name of Tenderer: (organisation):

Address:
.....
.....

Telephone number: Email:

Witness:

Signature:

Name: (in capitals):

Date:

[Failure of a Tenderer to sign this form will invalidate the tender]

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:

Agreements and contract data (which includes this agreement)
Pricing Data
Scope of work

and drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender 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 agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within two weeks after 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 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 fulfill 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**

UMZIMVUBU LOCAL MUNICIPALITY
DABULA STREET
KWABHACA, 5090

Name and
Signature
of witness

Date

C2: PRICING DATA

PRICING INSTRUCTIONS

1. GENERAL

The Schedule of Quantities forms part of the Contract Documents and must be read and priced in conjunction with all the other documents comprising the Contract Documents, which include the Conditions of Tender, Conditions of Contract, the Specifications (including the Project Specifications).

2. DESCRIPTION OF ITEMS IN THE SCHEDULE

The short descriptions of the items in the Schedule of Quantities are for identification purposes only and the measurement and payment.

For the purposes of this Schedule of Quantities, the following words shall have the meanings hereby assigned to them:

Unit: The unit of measurement for each item of work as defined in the specifications.

Quantity: The number of units of work for each item.

Rate: The payment per unit of measurement at which the Tenderer tenders to do the work.

3. QUANTITIES REFLECTED IN THE SCHEDULE

There are no quantities on the schedule as the contract is on rates only.

4. PRICING OF THE SCHEDULE OF QUANTITIES

The prices and rates to be inserted by the Tenderer in the Schedule of Quantities shall be the full inclusive prices to be paid by the Employer for the work described under the several items and shall include full compensation for all costs and expenses that may be required in and for the completion of the works.

Reasonable compensation will be received where no payment item appears in respect of work required in terms of the Contract which is not covered in any other pay item.

All rates and amounts quoted in the Schedule of Quantities shall be in Rand and cents and shall include all levies and taxes. Note that fractions of a cent in all rates shall be discounted.

Quoted prices will be in Rand, exclusive of VAT and will include all Material, overhead costs and other expenses

A. GENERAL

ITEM	DESCRIPTION	UNIT	Rate
A.1.	EXCAVATIONS AND BACKFILLING		
1.1	TRENCHES:	Per m³	
1.1.1	Pickable ground		
1.2	HOLES:	Per m³	
1.2.1	Pickable ground		
1.3	BREAKING:	Per m³	
1.3.1	Concrete		
1.3.2	Tar		
1.3.3	In-print paving		
		Per m²	
1.3.4	Lifting of paving		
A.2.	DRILLING (HORIZONTAL):	Per metre	
2.1	1 x 110 mm sleeve per hole	m	
	DRILLING (HORIZONTAL):	Per metre per hole	
2.2	2 x 110 mm sleeves in 2 holes	Per meter hole	
2.3	DRILLING PIT:	Each	
2.3.1	Starting pit		
2.3.2	Finishing pit		
A.3.	INSTALLATION OF SLEEVES:	Per metre sleeve	
3.1	UPVC-and similar sleeves		
3.2	Asbestos cement sleeves		
3.3	Steel sleeves		

UMZIMVUBU LOCAL MUNICIPALITY
 PANEL FOR REPAIR AND MAINTENANCE OF STREETLIGHTS FOR TWO (02) YEARS
 BID NO.: UMZ/2024-25/INFRA/RM-STL/001

A.4.	DRILLING (HORIZONTAL):	Per metre	
	Railway: Track crossings		
4.1	1 x 110 mm sleeve per hole		
	DRILLING (HORIZONTAL) :	Per metre per hole	
4.2	2 x 110 mm sleeves in 2 holes		
4.3	DRILLING PIT:	Each	
4.3.1	Starting pit		
4.3.2	Finishing pit		
A.5	CUTTING OF TAR, CONCRETE OR PAVED SERVICE:	Per metre	
5.1	Cutting of service with mechanical machine (breaking as per item 1.3)		
	TUNNEL AND BRIDGE CROSSINGS:	Per metre	
5.2	Mounting of racks/cable clamps and installation of cables/aerial bundle conductor		
A.6.	REPAIR OF SURFACE COVERINGS:	Per m²	
6.1	Paving/tiles/ stones/bricks		
6.2	Channel covering tiles		
6.3	Concrete		
6.4	Tarred pavement		
6.5	In- print concrete paving		
6.6	Gardens (Excluding new plants)		

B. INSTALLATION OF CABLES

ITEM	DESCRIPTION	UNIT	RATE
B.1.	CABLES		
1	INSTALLATION OF CABLES		
1.1	INSTALLATION OF CABLES IN TRENCHES OR THROUGH SLEEVES, INCLUDING EARTH CONDUCTOR WHERE REQUIRED 600/1000 VOLT:	Per m	
1.1.1	6 - 16 mm ² (Cu/Al) two, three or four core, PVC Cable (600/1000 Volt)		
1.1.2	25 - 95 mm ² (Cu/Al) two, three or four core, PVC Cable (600/1000 Volt)		

C. TERMINATING OF CABLES

ITEM	DESCRIPTION	UNIT	RATE
B.3.	TERMINATING OF CABLES		
3.1.	TERMINATING 600/1000 VOLT, CABLES	Per termination	
3.1.1	6 - 16 mm ² (Cu/Al) two, three or four core, PVC Cable (600/1000 Volt)		
3.1.2	25 - 95 mm ² (Cu/Al) two, three or four core, PVC Cable (600/1000 Volt)		

D. FAULT LOCATION

ITEM	DESCRIPTION	UNIT	RATE
B.4.	CABLE FAULT LOCATION AND PRESSURE TESTING	Each	
4.1.	LV cable fault location (Only payable on indication of the actual fault to the satisfaction of the Senior Manager: Electrical Department or his authorized representative).		
4.2.	Additional call out for confirmation of cable fault when not visible after fault location in 4.1. (Only payable when initial fault indicated was in the correct position).		
4.3.	DC pressure test per call out.		
4.4.	Additional DC pressure test whilst on site.		
4.5	Cable route location including GPS coordinates every 300 m.		
4.6	Cable identification.		

E. STREET LIGHT MAINTENANCE

ITEM	DESCRIPTION	UNIT	RATE
C.1.	STREETLIGHTS		
1.	REPLACEMENT OF LAMPS	Each	
1.1	Single lamp replacement and cleaning/replacement of bowl		
	STREET LIGHT POLES		
C.2.	STRAIGHTENING AND INSTALLATION OF POLES	Per pole	
2.1	Straighten existing street light pole		
2.2	Remove existing damaged and install a new Steel Street light Pole 4,5m – 6 m		
2.3	Remove existing damaged and install a new Steel Street light Pole 8,7m – 10m		
2.4	Remove existing damaged and install a new Steel Street light Pole 13,5m – 17m		

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2.5	Remove existing damaged and install a new Concrete Pole 4,5m – 7,5m		
2.6	Remove existing damaged and install a new Concrete Pole 8m – 11m		
2.7	Remove existing damaged wooden pole and replace with a steel/concrete pole		
2.8	Replacement of street light pole covers/pole mounted termination boxes		
2.9	Welding close of street light pole covers/pole mounted termination boxes		
2.10	Strapping of cable/s to pole with stainless steel strapping.		
	BARE OVERHEAD AND AERIAL BUNDLE CONDUCTOR		
		Per fault	
2.11	Location and repair of minor bare overhead conductor and aerial bundle conductor faults		
		Per span	
2.12	Re-installation of 25 – 95 mm ² aerial bundle conductor and connection of street light luminaires		
2.13	Re-installation of bare overhead conductors		
	STREET LIGHT LUMINAIRES		
C.3.	REMOVAL AND INSTALLATION OF STREET LIGHT LUMINAIRES	Each	
3.1	Install new 70 W – 250 W HPS luminaire		
3.2	Install new 400W, HPS luminaire		
3.3	Install new 70W, HPS / 125 W, Hg Post-top luminaire		
3.4	Remove existing and install new 70 W – 250 W HPS luminaire		
3.5	Remove existing and install new 400W, HPS luminaire		
3.6	Remove existing and install new 70W, HPS / 125 W, Hg Post-top luminaire		
	CONTROL CIRCUITS		
C.4.	MINIATURE CIRCUIT BREAKER	Each	
	Replace/install miniature circuit breaker on control panel or pole		
C.5.	FUSE	Each	

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	Replace/install fuse holder and fuse		
C.6.	CONTACTOR	Each	
	Replace contactor on control panel		
C.7.	PHOTO CELL	Each	
7.1	Replace/install photo cell on control panel or pole		
7.2	Replace/install ripple control receivers.		
7.3	Replace/install lightning arrestors.		
C.8.	LUMINAIRE CONTROL EQUIPMENT	Per luminaire	
	Replace faulty control equipment inside luminaire.		
C.9.	RESETTING OF TRIPPED CIRCUIT BREAKER	Per circuit breaker	
	Reset tripped circuit breaker only.		
C.10.	REMOVAL AND INSTALLATION OF STREET LIGHT BRACKET	Each	
	Removal and installation of street light bracket		
C.11.	WIRING OF STREET LIGHT POLES	Per pole	
11.1	Wiring of street light poles		
11.2	Welding close of pole cover/pole termination box cover.		
C.12.	HIGH MASTS	Per luminaire	
12.1	Repair and maintenance of luminaire		
12.2	Lowering and raising of high mast.		
12.3	Replacement of trailing cable in high mast.		
12.4	Replacement of high mast door/cover		
12.5	Welding close of high mast door/cover		
Total taken to the form of offer			

C3: SCOPE OF WORK

SCOPE OF CONTRACT

EXCAVATIONS AND BACKFILLING: (SCHEDULE OF PRICES, GENERAL, ITEM A.1.)

The unit rate in cubic metre (m³) for excavations and backfilling includes the following items:

The initial clearing of the route of all unwanted vegetation or material and the removal thereof to a suitable dumping site.

The excavations itself which includes the excavations in rock, stone, clay or in any other material as well as cable crossings or any other service crossings.

The safeguarding and the maintenance of the excavations in terms of the relevant Acts and By-Laws. The contractor shall acquaint him-/herself with the specific requirements in this regard.

The contractor shall make the necessary arrangements with all the relevant Service Providers which include the following: Energy Services, Roads, Transport and Civil Works, Water and Sewer Services, Emergency Services, the asset holder and the Provincial Administration, to comply with their requirements and for supervision by one of their representatives when necessary. The Contractor shall make application for wayleaves in terms of the Municipalities standard requirements.

The sifting and installation of the needed bedding, the backfilling of the excavation and compacting of the ground after the installation of the cable/s. The backfilling and compaction of all trenches and holes shall be according to the requirements of the Electricity Department

The restoration of the route to its original form, the clearing of the route of all unwanted material and the removal thereof to a suitable dumping site.

The amount of trenching to be carried out on a day shall be carefully assessed taking the availability of cable and workforce into account.

Furthermore, all vehicle access driveways shall be closed as soon as possible. Where necessary, temporary bridges of braced steel plates shall be placed over open trenches, where vehicles have to cross whilst the trench is open.

It is a prime requirement of this contract that all open trenches be barricaded with wooden stakes, 1,2m high placed no more than 12 m apart and plastic warning mesh/tape always to alert people of the danger.

The Contractor's insurance on this contract shall, apart from other requirements, specifically cover the risks attached to excavations and open trenches.

BREAKING

The unit rate in **cubic metre (m³)** for the breaking of concrete, tar or in-print paving includes the breaking of the concrete, tar or in-print paving by means of a jackhammer as well as the removal of all unwanted material to a suitable dumping site.

The unit rate in **square metre (m²)** for the lifting of paving includes the cost to lift any form of paving (bricks, tiles, blocks etc.) and stack them neatly in terms of the Senior Manager: Electrical Department or his authorized representative's requirements as well as the removal of all unwanted material to a suitable dumping site. Any paving that is damaged will be for the account of the contractor.

HORIZONTAL DRILLING: (SCHEDULE OF PRICES, GENERAL, ITEM A.2.)

The unit rate per metre or per metre per hole for horizontal drilling of holes includes the collection, from the relevant depot/store and installation of the sleeves, the supply and installation of steel wire and the placing of the end seal. The contractor shall supply water for the drilling process.

At tarred road intersections, the number of sleeves to be installed will be determined by the Senior Manager: Electrical Department or his authorized representative.

The contractor shall make the necessary arrangements with all the relevant Service Providers which include the following: Electrical Services, Roads, Transport and Civil Works, Water and Sewer Services, Emergency Services, the asset holder and the Provincial Administration, to comply with their requirements and for supervision by one of their representatives when necessary. The contractor shall make application for wayleaves in terms of the Municipalities standard requirements.

An accurate hole is defined as when a hole is drilled in such a way that the sleeves installed are at the same height on both ends. Inaccurate holes are unacceptable and no payment will be made for such mistakes. The Senior Manager: Electrical or his authorized representative will make the decision. Payment will only be made for sleeves that were successfully installed.

The unit rate (each) for the drilling pits includes the following:

The initial clearing of the site of all unwanted vegetation or material and the removal thereof to a suitable dumping site and the digging of the pit.

The safeguarding and the maintenance of the excavations in terms of the relevant Acts and By-Laws. The bidder/contractor shall acquaint him-/herself with the specific requirements in this regard.

The supply, sifting and spreading of the needed bedding, the backfilling of the excavation and compacting of the ground after the installation of the cable/s. The backfilling and compaction shall be according to the requirements of the Senior Manager: Electrical Department or his authorized representative.

The restoration of the site to its original form, the clearing of the site of all unwanted material and the removal thereof to a suitable dumping site.

INSTALLATION OF SLEEVES: (SCHEDULE OF PRICES, GENERAL, ITEM A.3.)

The unit rate (per metre sleeve) for the installation of sleeves includes the following:

NB!!!! This section excludes sleeves installed by means of horizontal drilling.

These sleeves would normally be installed underneath opened driveways, opened tar roads and in trenches as required by the General Manager: Energy Department or his authorized representative.

The collection, from the relevant depot/store, the installation of the sleeves and the placing of the necessary end seals on the sleeves which are not used.

If the sleeves are to be installed in concrete, the unit rate (per metre sleeve) shall include the supply of the concrete and the casting work but excluding the material cost of the concrete.

Payment will only be made for sleeves successfully installed. Successful installation is defined as when the sleeves are installed at the same height.

HORIZONTAL DRILLING: RAILWAY TRACK CROSSINGS: (SCHEDULE OF PRICES, GENERAL, ITEM A.4.)

The unit rate (per metre) for crossings includes the following:

The contractor tendering for this section shall also tender for horizontal drilling, excavations and the installation of sleeves.

The contractor shall make the necessary arrangements with all the relevant Service Providers which include the following: Electrical Services, Roads, Transport and Civil Works, Water and Sewer Services, Emergency Services, the asset holder and the Provincial Administration, to comply with their requirements and for supervision by one of their representatives when necessary. The contractor shall make application for wayleaves in terms of the Municipalities standard requirements.

An accurate hole is defined as when a hole is drilled in such a way that the sleeves installed are at the same height on both ends. Inaccurate holes are unacceptable, and no payment will be made for such mistakes. The Senior Manager: Electrical Department or his authorized representative will make the decision. Payment will only be made for sleeves that were successfully installed.

The unit rate (each) for the drilling pits includes the following:

The initial clearing of the site of all unwanted vegetation or material and the removal thereof to a suitable dumping site and the digging of the pit.

The safeguarding and the maintenance of the excavations in terms of the relevant Acts and By-Laws. The bidder/contractor shall acquaint him-/herself with the specific requirements in this regard.

The supply, sifting and spreading of the needed bedding, the backfilling of the excavation and compacting of the ground after the installation of the cable/s. The backfilling and compaction must be according to the requirements of the Senior Manager: Electrical Department or his authorized representative.

The restoration of the route to its original form and the clearing of the site of all unwanted material and the removal thereof to a suitable dumping site.

CUTTING OF TAR, CONCRETE OR PAVED SERVICES WHERE HORIZONTAL DRILLING IS IMPOSSIBLE: (SCHEDULE OF PRICES, GENERAL, ITEM A.5.)

The contractor tendering for this section must also tender for horizontal drilling, excavations and the installation of sleeves.

The service must be cut with a mechanical machine to ensure a smooth breaking service. Breaking of the required service must be in terms of item 1.3.

The contractor tendering for this section must also tender for breaking of tar or concrete, excavations, installation of sleeves and the repair of surface coverings.

The contractor must make the necessary arrangements with all the relevant Service Providers which include the following: Electrical Services, Roads, Transport and Civil Works, Water and

Sewer Services, Emergency Services, the asset holder and the Provincial Administration, to comply with their requirements and for supervision by one of their representatives when necessary. The contractor must make application for wayleaves in terms of the Municipalities standard requirements.

Tunnel- and bridge crossings

The unit rate (per metre of cable to be installed on the racks and/or cable clamps) for the mounting of racks and/or cable clamps includes the mounting of the racks or cable clamps in the tunnels or to the side of the bridge as well as the installation of the cables.

The contractor must make the necessary arrangements and obtain approval and any specific requirements with all the relevant Service Providers which include the following: Electrical Services, Roads, Transport and Civil Works, Water and Sewer Services, Emergency Services, the asset holder and the Provincial Administration, to comply with their requirements and for supervision by one of their representatives when necessary. The contractor must make application for wayleaves in terms of the Municipalities standard requirements.

REPAIR OF SURFACE COVERINGS: (SCHEDULE OF PRICES, GENERAL, ITEM A.6.)

The work must be carried out according to the requirements of the Umzimvubu Local Municipality.

Paving/tiles/stones/bricks:

The unit rate (per square metre) for the repair of paving/tiles/stones/bricks includes the compacting of the ground and the restoration thereof to the original condition. Any bricks, paving or tiles that are broken by the contractor, will be for the account of the contractor.

Concrete:

The unit rate [per square metre (m²)] for the repair of concrete includes the supply, delivery and casting of the concrete to the satisfaction of the Senior Manager: Electrical Department or his authorized representative.

Tarred pavement:

The unit rate [per square metre (m²)] for the repair of tar pavements includes the supply, delivery and placing of the tar and the finishing thereof to the standards set by the Senior Manager: Electrical Department or his authorized representative.

Tarred roads will be repaired by the Municipality. Any of the other services may also be repaired by the Municipality if required by the Senior Manager: Electrical Department or his authorized representative.

In-print concrete paving:

The unit rate [per square metre (m²)] for the repair of in-print concrete paving includes the supply, delivery and placing of the concrete paving and the finishing thereof to the satisfaction of the Senior Manager: Electrical Department or his authorized representative.

SUITABLE GROUND FOR BACKFILLING OF CABLE TRENCHES: (SCHEDULE OF PRICES, GENERAL, ITEM A.7.)

This section is only valid when the ground at the excavations is not suitable and extra ground must be supplied.

The unit rate (per cubic metre) includes the supply, delivery and spreading of the necessary bedding. The supplied bedding must be suitable for use. The decision will lay with the Senior

Manager: Electrical Department or his authorized representative whether the bedding is suitable or not.

HIRING OF MACHINERY: (SCHEDULE OF PRICES, GENERAL, ITEM A.8.)

The unit rate (per hour) includes the hire of the relevant machinery/equipment and operator costs.

The operator shall be able to operate the machinery/equipment and shall have the necessary training certificates, where required. The contractor shall supply proof of training certificates of the operator, when requested by the Senior Manager: Electrical Department or his authorized representative.

INSTALLATION OF CABLES. (SCHEDULE OF PRICES, CABLES, ITEM B.1.)

The unit rate [per metre (m)] for the installation of cables includes the installation of the cable and the earth wire (where applicable), the handling thereof in the excavations, pipes, sleeves or channels as well as the straightening of the cables.

The cost to draw up the route plans for the cables must be included in the unit rates for the installation of cables.

Contractors are to take note of and comply with the provisions of the Occupational Health and Safety Act: 1993 regarding excavations.

Excavations, cable laying and backfilling operations shall be programmed to minimise damage and inconvenience to people due to open trenches, holes, dumped soil and stones.

All backfilling for trenches along sidewalks (pedestrian areas) shall be done in layers of 250 mm, each layer dampened and compacted mechanically to achieve a 90 % MOD AASHTO density.

All backfilling for trenches along trafficable areas (roads and property entrances) shall be done using stabilised C4 material in layers of 250mm, each layer dampened and compacted mechanically to achieve a 95 % MOD AASHTO density. A soil lab test shall be furnished for excavations at road crossings to prove compliance with this requirement.

Trenches are to be initially backfilled with a layer of selected backfill covering the cables to a depth of 200mm, of which 75mm shall be below the cables, remaining backfill is to be the previously excavated material.

JOINTING OF CABLES. (SCHEDULE OF PRICES, CABLES, ITEM B.2)

The unit rate (per joint) for the jointing of cables, includes the making of the joint, the installation of a Cable Joiner identification tag, the updating of the cable route plans, the performing of the necessary tests and all work which may be necessary to finish the jointing point properly. Only suitably qualified and experienced cable jointers working under the constant supervision of the contractor's responsible person (who must be a competent person as defined in the Health and Occupational Safety Act) may be used to perform the jointing tasks. Only competent personnel, as defined in the Occupational Health and Safety Act, may be used for jointing cables which are in close proximity of electrically energized equipment. This work must be carried out in compliance with the relevant Operational Procedures and Policies. Jointing and terminating must be carried out strictly in accordance with the "jointing and terminating instructions" issued by the material manufacturer and the Municipality's specific requirements.

The contractor must ensure that the cable tests clear before making any joints in the event of any possible further cable faults. The additional fault/faults must first be located before jointing is carried out.

It could be required from the contractor to make a test joint at his own cost before he will be allowed to perform cable joints on the Municipality's distribution network. Should a test joint be required, the contractor must supply the material for the joint.

TERMINATING OF CABLES. (SCHEDULE OF PRICES, CABLES, ITEM B.3)

The unit rate (per termination) for the terminating of cables includes the terminating of the cable, the installation of a Cable Joiner identification tag, the updating of the cable route plans, the execution of tests and any work which may be necessary to finish the terminating point properly. Only suitably qualified and experienced cable jointers working under the constant supervision of the contractor's responsible person (who must be a competent person as defined in the Occupational Health and Safety Act) may be used to perform the terminating tasks. Only competent personnel, as defined in the Occupational Health and Safety Act, may be used for terminating cables which are in proximity of electrically energized equipment. This work must be carried out in compliance with the relevant section of the UMZIMVUBU LOCAL MUNICIPALITY Operational Procedures and Policies. Jointing and terminating must be carried out strictly in accordance with the "jointing and terminating instructions" issued by the material manufacturer and the Municipality's specific requirements.

It could be required from the contractor to make a test termination at his own cost before he will be allowed to perform cable terminating on the Municipality's distribution network. Should a test termination be required, the contractor must supply the material for the termination.

CABLE FAULT LOCATION AND PRESSURE TESTING. (SCHEDULE OF PRICES, CABLES, ITEM B.4.)

The unit rate (each) for cable fault location will only be payable on the successful indication of the actual fault to the satisfaction of the project Manager: Infrastructure Department or his authorized representative. The repair cost will be determined in terms of the Schedule of Prices.

The unit rate (each) for pressure testing on completion of repairs, which will be the responsibility of the contractor, will only be payable on the successful completion of the pressure testing of the cable. On receipt of a test certificate, on site, the cable will be energised by an authorized operator of the Umzimvubu Electricity Department.

Please note that fault location and pressure testing can only be carried out under the constant supervision of an authorized operator of the Umzimvubu Electrical Department who will issue, on commencing of fault location, the permit/s and sign off the permit/s and commission the cable on successful completion. THE CONTRACTOR/SUBCONTRACTOR SHALL UNDER NO CIRCUMSTANCES COMMENCE WITH ANY FAULT LOCATION OR PRESSURE TESTING UNLESS HE/SHE WAS ISSUED WITH THE REQUIRED PERMIT/S, DULY COMPLETED AND SIGNED. Working without a duly completed and signed permit is a contradiction of the Act and the contractor will take full responsibility in doing so.

THE FOLLOWING TEST METHODS AND PROCEDURES MUST BE ADHERED TO AT ALL TIMES: -

TEST PROCEDURES AND TEST EQUIPMENT

Specifications

The following specifications shall apply:

- LV - SANS 1507:90

The above test voltage shall be supplied to the successful bidder.

Procedure for insulation test

Insulation testing of cables must be done with a DC pressure test set but the prescribed test voltage of 2 kV must not be exceeded.

Both ends of the cable must be isolated with far end earthed initially for safety.

Perform a phase to earth insulation test on each phase (the other two phases must be earthed during each test). Perform a phase-to-phase insulation test.

Procedure for continuity test

Perform a continuity test on all phases, neutral and earth (the cable shall initially be earthed on the far end for safety purposes).

Perform a continuity test on all three phases by means of:

- TDR (Cable open on far end and thereafter earthed/shorted to confirm continuity)
- Voltage (Breaker/cable open on far end, and thereafter earthed to confirm earthed position)

Once continuity is confirmed and faulty phase/s is/are isolated, the technician shall confirm the type of fault present (short circuit fault, open circuit fault or high resistance fault).

Test Equipment:

- Surge generators must have a minimum output of 5 kV (variance to adjust voltage from 0 kV to voltage required) with no less than 1000 Joules to prevent applying over voltage to the network. The surge voltage shall not exceed 3 kV.
- Fault location systems shall have a built in or stand-alone filter (known names are ARM or SIM) to assist in quick and accurate pre-location.
- The Test System must have a high resistance scope with methods of ARM/SIM, impulse current, decay and TDR. The scope must have a range of not less than 30 km.
- The test system shall have a ground microphone that is able to locate faults up to 6 m deep. The ground microphone shall give an indication of distance to fault reading, once in close vicinity of the fault.
- The test system must have its own independent power supply, by means of inverter or power generator.

Route Location

For route location the test system must have a cable tracer to locate the route of the cable with at least 3 frequencies and can pick up a cable at least 6 m deep. The Cable tracer must be able to connect directly on the cable or by means of a CT Clamp where both ends are not accessible. The Transmitter of the cable tracer must have at least 50 W output to be able to locate long cables, cables where short circuit and open circuit faults are present.

Cable Identification

For cable ID the test system shall have a positive cable identification system with direct connection to the cable with a CT clamp. The transmitter must use positive current flow and the CT clamp must ID the cable positively in the excavation.

REPLACEMENT OF LAMPS (SCHEDULE OF PRICES, ITEM C.1.)

Single replacement

The unit rate (each) for the replacement of single lamps shall include the cost to replace any faulty lamp with a new lamp and the cleaning of the bowl as well as the replacement of any damaged/missing bowls. The faulty lamps must be clearly marked with the pole number, street name and area from which it was removed and returned to the relevant depot for storage/disposal. The amount to be paid to the contractor will be determined by the number of clearly marked lamps returned.

STRAIGHTENING AND INSTALLATION OF POLES (SCHEDULE OF PRICES, ITEM C.2.)

The unit rate (per pole) includes for the straightening of an existing leaning pole, if practicable.

The excavation for the removal of an existing damaged pole, the installation of the new pole, the installation of the conductors, the installation and connection of the street light luminaire and street light bracket and the completion of the repairs to its original form.

All poles shall be planted perfectly vertical and to the correct depth. The planting depth for a 9 m pole shall be 1, 8 m. After planting one half of the corrosion sleeve on the pole shall be above and one half below the natural ground level.

Installation and compacting must be done in terms of the Umzimvubu Local Municipality General Instructions, Operational Procedures and Policies.

On completion of the work the site must be restored to its original form, cleared of all unwanted material which must be removed to a suitable dumping site.

The replacement of missing/damaged street light pole covers/pole mounted termination boxes.

The welding close of street light pole covers/pole mounted termination boxes, if required by the Senior Manager: Electrical or his authorized representative.

The strapping of cable/s to the pole includes the stainless-steel strapping at 300 mm intervals.

Bare overhead and aerial bundle conductor

The unit rate (per fault) includes for the location and repair of minor bare overhead conductor and aerial bundle conductor faults. (Typical examples of minor faults would be loose connections, broken/burnt off conductor, etc).

The unit rate (per span) includes the re-installation of the 25 – 95 mm² aerial bundle conductor to the required standard, the connection of all the streetlights and protective equipment to the conductor, the restoration of the site to its original condition and the testing, confirmation and certification that the streetlights are functional. This would normally be in instances where aerial bundle conductor was stolen or damaged during an accident but excludes the installation of the conductor and connection of the street light luminaires when a pole has been replaced as detailed above.

Re-installation of bare overhead conductor to the required standard, the connection of all the streetlights and protective equipment to the conductor, the restoration of the site to its original condition and the testing, confirmation and certification that the streetlights are functional. This would normally be in instances where bare overhead conductor was stolen or damaged during an accident but excludes the installation of the conductor and connection of the street light luminaires when a pole has been replaced as detailed above.

REMOVAL AND INSTALLATION OF STREET LIGHT LUMINAIRES (SCHEDULE OF PRICES, ITEM C.3.)

The unit rate (each) for mounting of new fittings includes the supply of the material, mounting of the street light bracket to the pole, the mounting of the fitting to the street light bracket and the electrical connection thereof. The installation and connection of the starting panels and the installation of the lamps must be included in the unit rate. The performing of the necessary tests on completion must be included in the unit rate.

The unit rate (each) for the replacement of existing fittings includes the removal of faulty or damaged fittings and the installation of new fittings. The cost of all electrical connections and the rewiring must be included. The installation and connection of the starting panels, photocells and lamps must be included. The performing of the necessary tests on completion of the installation must be included in the unit rate. The old fittings must be returned to the relevant depot. The fittings removed must be clearly marked with the pole number, street name and area from which it was removed and returned to the relevant depot for storage/disposal. The amount to be paid to the contractor will be determined by the number of clearly marked fittings returned.

STREET LIGHT CONTROL CIRCUITS (SCHEDULE OF PRICES, ITEM C.4 to C.8.)

The unit rate (each) for the repair work to street light control circuits includes the following:-

The cost to locate the fault, replace/install a miniature circuit breaker on the control panel or pole, a fuse holder and fuse, a contactor on the control panel, a photocell on the control panel or pole, ripple control receivers, timers, lightning arrestors, control equipment inside the luminaire and return the faulty item/s to the relevant depot. Any item replaced must be tagged with the work order number.

The cost to repair/replace must be same whether the equipment is mounted on a pole (in case of miniature substation) or close to the unit (in case of overheads).

After completion of the repair work, the whole street light supply area fed from this control circuit must be inspected to ensure that the whole area is functional. The cost of the inspection must be included in the unit rate. The address should be neatly recorded on the work order form.

RESETTING TRIPPED CIRCUIT BREAKER (SCHEDULE OF PRICES, ITEM C.9.)

The unit rate (per circuit breaker) is when a circuit breaker must be reset in a street light supply area in order to return the area back to normal.

REMOVAL AND INSTALLATION OF STREET LIGHT BRACKETS (SCHEDULE OF PRICES, ITEM C.10.)

The unit rate (each) for the replacement of street light brackets includes the cost of replacing the faulty street light bracket with a new street light bracket. The cost to mount and wire the fitting/s, install the lamp/s and testing of the installation must be included. The faulty street light bracket must be delivered to the stores and the cost must be included in the unit rate. The street light bracket removed must be clearly marked with the pole number, street name and area from which it was removed and returned to the relevant depot for storage/disposal.

The amount to be paid to the contractor will be determined by the number of clearly marked street light brackets returned. The address must be neatly recorded on the work order form.

WIRING OF STREET LIGHT POLES (SCHEDULE OF PRICES, ITEM C.11.)

The unit rate for the wiring of street light poles includes the installation of the pole termination box (where required), the installation of the circuit breaker/fuse mounting plate, the installation of the connectors and the circuit breakers/fuses in the termination box/pole base, the mounting of the photocell on the fitting, where necessary, the termination of all cables in the pole, the installation of the pole/termination box cover and the installation of the conductors from the pole base to the fitting.

Welding close of the pole cover/pole termination box cover, if required by the Senior Manager: Electrical or his authorised representative.

POLE STAY INSULATORS (SCHEDULE OF PRICES, ITEM C.13.)

All pole clamps, stay wires and anchors shall be galvanized and shall be suitable for the type of pole, size of aerial bundled conductor and span length of the situation. Stays and anchors shall be installed at an angle of 45 degrees to the horizontal. Care shall be taken to disturb as little of the ground around a hole for an anchor and the soil over an anchor shall be very thoroughly compacted with water added if necessary.

The unit rate (per stay) for the installation of a new pole stay as and when required by the Senior Manager: Electrical or his/her authorised representative.

The unit rate (per insulator) for the installation of a stay insulator in an existing stay as and when required by the Senior Manager: Electrical or his/her authorised representative.

HIGH MAST MAINTENANCE AND INSPECTIONS (SCHEDULE OF PRICES, ITEM C.12.)

The unit rate (**per luminaire**) for the repair work on high mast luminaires includes the costs to remove and repair/replace one or more of the following components: - lamps, ballasts, ignitors, diffusers, circuit breakers, fuses, lamp holder, fitting, etc and the cleaning, as well as the replacement of any damaged/missing bowls. The faulty items must be returned to the relevant work section and the cost must be included in the unit rate. The cleaning of luminaires includes the cleaning of the glass shield and the reflector. The cost to lower and hoist the fittings must be indicated separately.

The equipment removed must be clearly marked with the high mast number, street name and area from which it was removed and returned to the relevant depot for storage/disposal. The amount to be paid to the contractor will be determined by the number of clearly marked equipment returned.

The address shall be neatly recorded on the work order form.

RESTORATION AND CLEANING UP

Upon completion of work or any portion thereof the ground, paved, concreted or tarred areas, fences and any other structures, which have been interfered with, shall be carefully restored to their original condition. All rubble, rubbish, tools, tackle, plant and materials shall be removed and the whole of the works or each completed portion thereof shall be left in a neat, orderly and working condition.

INSPECTIONS

The Umzimbubu Local Municipality representative will on a random basis, inspect the works.

COMMUNICATIONS

The Contractor should be available on call 24 hours by means of a cellular phone.

IDENTIFICATION

Contractors must identify themselves and vehicles on request to all customers, stating their business and producing proof of their appointment for the task.

PAYMENT

Payments will be made monthly for work completed during a specific month. Payment will be made within thirty (30) days from the date that the invoices have been received by the Umzimbubu Local Municipality representative.