



VICTOR KHANYE LOCAL MUNICIPALITY

TENDER NO. T/TECH/01/03/2024/2025

TENDER FOR APPOINTMENT FOR PANEL OF FIVE SUITABLE SERVICE PROVIDERS FOR DESIGN, CONSTRUCTION, SUPERVISION CLOSE-OUT REPORT OF ELECTRICITY INFRASTRUCTURE, AND MAINTANANCE WORK WITHIN THE ELECTRICAL FIELD OF VICTOR KHANYE LOCAL MUNICIPALITY FOR A PERIOD OF 36 MONTHS. AS AND WHEN REQUIRED

NAME OF TENDERER

TENDER AMOUNT

TEL NUMBER

CSD NUMBER

ISSUED BY:

MUNICIPAL MANAGER

VICTOR KHANYE LOCAL MUNICIPALITY

P O BOX 6

DELMAS 2210

CLOSING DATE: 13 MARCH 2025, 10:00 am

BIDDER'S QUESTIONNAIRE

Ref no	Question	VKLM's Requirement	Bidder's Response	Page Number & Please Indicate
1	Have you initialed all the pages of the tender document?	YES	* YES / NO	
2	Have you completed and signed the Returnable Schedules?	YES	* YES / NO	
2.1	Municipal account statement attached (with all applicable rates and taxes) should not be in arrears more than 90 days as follows: • All]directors' municipal accounts as per CIPC must be attached. • Registered office municipal account of the company as per CIPC must be attached if there is a lease. • A valid lease agreement signed by both parties must be attached with related municipal account where the registered office is located.	YES	YES / NO	
3	Have you completed / signed and submitted all relevant information as requested by the Evaluation Schedules (as and when required)?	YES	* YES / NO	
4	Have you submitted an original, valid Tax Clearance certificate?	YES	* YES / NO	
5	Have you completed and signed the MBD 4 form - Declaration of Interest?	YES	* YES / NO	
6	Have you completed the Questionnaire (MBD 5) regarding the declaration for procurement above R10 million and submitted your Company's latest three years audited financial statements (as and when required)?	YES	* YES / NO	
7	Have you take note of the contents of par 5 of MBD 6.1 to substantiate your target goals rating claims. Have you submitted an original, valid or certified copy of your Company's targeted goals to qualify for preference points?	YES	* YES / NO	
8	Have you completed and signed the following form: - MBD 7.1 Form – Contract form for purchase of goods / works? - MBD 7.2 Form - Contract Form for rendering of Services? (as and when required)	YES	* YES / NO	
9	Have you completed and signed the MBD 8 – Declaration of bidder's past Supply Chain Management Practices and MBD 9 – Certificate of Independent Bid Determination?	YES	* YES / NO	
10	Do you understand the Special Conditions of Contract / Specifications / Terms of Reference and /or Scope of Works?	YES	* YES / NO	
11	Have you completed the Form of Offer (C1.1) in WORDS as well as in FIGURES ?	YES	* YES / NO	
12	Have you completed and signed Part 2 of C 1.2 (Contract Data)?	YES	* YES / NO	

13	Have you completed the MBD 3.3 form and carried over your tendered price (Vat inclusive) to Form of offer (C 1.1)?	YES	* YES / NO	
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.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

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SCHEDULE OF DOCUMENTS

The Tender Documents for this Contract comprises of the following:

THE TENDER

T1: Tendering procedures

- T1.1. Tender Notice and Invitation to Tender
- T1.2. Tender Data
- T1.3. Standard Conditions of Tender

T2: Returnable documents

- T2.1. List of Returnable Documents

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C1: Agreement and Contract Data

C1.1 Form of Offer and Acceptance

Form of Offer
Form of Acceptance
Schedule of Deviations

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Part 1: Data provided by the Employer
Part 2: Data provided by the Service Provider

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T1: TENDERING PROCEDURES

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T1.2:**TENDER DATA**

CLAUSE NUMBER	
	The Standard Conditions of Tender for procurement makes several references to the tender data for details that apply specifically to this tender. The tender data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender for procurement other than disposals. Each item of data given below is cross-referenced to the relevant clause in the above mentioned Standard Conditions of Tender
1.1	The employer is the Victor Khanye Local Municipality
1.2	The single volume approach is adopted for this contract. The list of Returnable Documents identifies which of the documents a tenderer must complete when submitting a tender offer. The tenderer must submit his tender offer by completing the Returnable Documents including the fully priced Pricing Schedule, signing the "Offer" section in the "Form of Offer and Acceptance" and delivering the single volume procurement document back to the Victor Khanye Local Municipality bound up as it was when it was received. The tender documents issued by the Employer comprise of the following: TENDER Part T1: Tendering procedures T1.1 - Tender notice and invitation to tender T1.2 - Tender data T1.3 – Standard Conditions of Tender Part T2: Returnable documents T2.1- List of returnable documents T2.2 - Returnable schedules CONTRACT Part C1: Agreements and contract data C1.1 Form of offer and acceptance C1.2 Contract data Part C2: Pricing Schedule C2.1 Pricing Instructions C2.2 Priced fees and disbursements Part C3: Scope of work C3 Scope of work
1.4	The employer's agent is: Name: Mr TM Mashabela Capacity: Municipal manager Address: Victor Khanye Local Municipality P.O. Box 6, Delmas, 2210 Tel: 013-665-6000
1.5	Only those tenderers who satisfy the following eligibility criteria are eligible to submit tenders: 1. Tenderer is qualified and professionally registered for the consultancy service to be provided 2. Tenderer has the managerial capacity, reliability and experience regarding the nature of the project
1.6	However bidders must prepare presentations

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1.7	The closing time for submission of tender offers is as indicated in the tender notice
1.8	No alternative offers will be accepted
1.9	Additional copies of the tender offer will not be required
1.10 1.11	The employer's address for delivery of tender offers and identification details to be shown on such tender offer package are: Location of tender box: Victor Khanye Local Municipality Physical address: Corner Samuel and Van Der Walt Street, Delmas, 2210 <u>Identification details:</u> As indicated in the tender notice
1.12	A two-envelope procedure will not be followed.
1.13	Not a requirement.
1.14	The tenderer is required to submit with his tender an <u>original</u> valid Tax Clearance Certificate issued by the South African Revenue Services
1.15	The location for opening of the tender offers, immediately after the closing time thereof shall be at: Time: Bramfisher Hall hours on 13 March 2025 at 10:00am Location: Municipal Building where tenders will be opened
1.16	The procedure for the evaluation of responsive tenders is Functionality, Price and Targeted goals The total number of tender evaluation points for Targeted goals to may be claimed as indicated in MBD 6.1
1.17	Tender offers will only be accepted if: a) the tenderer has in his or her possession an original valid Tax Clearance Certificate issued by the South African Revenue Services (CSD compliant status) b) Municipal account statement attached (with all applicable rates and taxes) should not be in arears more than 90 days as follows: • All directors municipal accounts as per CIPC must be attached. • Registered office municipal account of the company as per CIPC must be attached if there is a lease. • A valid lease agreement signed by both parties must be attached with related municipal account where the registered office is located. c) the tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; and d) the tenderer has not: i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given written notice to this effect. e) it is considered that the performance of the services will not be compromised through any conflict of interest.
1.18	The number of paper copies of the signed Contract to be provided by the Employer is one.

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T1.3: STANDARD CONDITIONS OF TENDER

1 GENERAL

1.1 Actions

1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in **Clause 2** and **Clause 3**, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

Note:

- 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.
- 2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

1.3 Interpretation

1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

1.3.2 These conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.

1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) **conflict of interest** means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfil his or her duties impartially;
 - ii) an individual or organisation is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interests exist between an employee and the organisation which employs that employee.

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- b) **comparative offer** means the tenderer's financial offer after all tendered parameters that will affect the value of the financial offer have been taken into consideration in order to enable comparisons to be made between offers on a comparative basis.
- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process; and
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels.
- e) **organization** means a company, firm, enterprise, association or other legal entity, whether incorporated or not, or a public body.
- f) **quality (functionality)** means the totality of features and characteristics of a product or service that bear on its ability to satisfy stated or implied needs.

1.4 **Communication and employer's agent**

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be read, copied and recorded. Writing shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

1.5 **The employer's right to accept or reject any tender offer**

1.5.1 The employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a tenderer for such cancellation and rejection, but will give written reasons for such action upon written request to do so.

1.5.2 The employer may not subsequent to the cancellation or abandonment of a tender process or the rejection of all responsive tender offers re-issue a tender covering substantially the same scope of work within a period of six months unless only one tender was received and such tender was returned unopened to the tenderer.

1.6 **Procurement procedures**

1.6.1 **General**

Unless otherwise stated in the tender data, a contract will, subject to **Clause 3.13**, be concluded with the tenderer who in terms of **Clause 3.11** is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

1.6.2 **Competitive negotiation procedure**

1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of **Clause 3.4**, the employer shall announce only the names of the tenderers who make a submission. The requirements of **Clause 3.8** relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

1.6.2.2 All responsive tenderers, or not less than three responsive tenderers that are highest ranked in terms of the evaluation method and evaluation criteria stated in the tender data, shall be invited in each round to enter into competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of **Clause 2.17**, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the

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offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to make a fresh tender offer, based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

1.6.2.4 The contract shall be awarded in accordance with the provisions of **Clause 3.11** and **Clause 3.13** after tenderers have been requested to submit their best and final offer.

1.6.3 Proposal procedure using the two stage-system

1.6.3.1 Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

1.6.3.2 Option 2

1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

2 TENDERER'S OBLIGATIONS

2.1 Eligibility

2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.

2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

2.2 Cost of tendering

Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are

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incorporated into the tender documents by reference.

2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

2.7 Clarification meeting

Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the tender data.

2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) may not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

2.10 Pricing the tender offer

2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT)), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the tender data.

2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

2.11 Alterations to documents

Not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.

2.12 Alternative tender offers

2.12.1 Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

2.12.2 Accept that an alternative tender offer may be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

2.13 Submitting a tender offer

2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

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- 2.13.3** Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.
- 2.13.4** Sign the original and all copies of the tender offer where required In terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.
- 2.13.5** Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
- 2.13.6** Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
- 2.13.7** Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.
- 2.13.8** Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
- 2.13.9** Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

2.14 **Information and data to be completed in all respects**

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

2.15 **Closing time**

- 2.15.1** Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.
- 2.15.2** Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

2.16 **Tender offer validity**

- 2.16.1** Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period (not less than 90 days) stated in the tender data after the closing time stated in the tender data.
- 2.16.2** If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.
- 2.16.3** Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted.
- 2.16.4** Where a tender submission is to be substituted, submit a substitute tender in accordance with the requirements of **Clause 2.13** with the packages clearly marked as "SUBSTITUTE".

2.17 **Clarification of tender offer after submission**

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and

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correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: **Clause 2.17** does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

2.18 Provide other material

2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

2.20 Submit securities, bonds, policies, etc.

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within 28 days after the expiry of the validity period stated in the tender data.

2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

3 THE EMPLOYER'S UNDERTAKINGS

3.1 Respond to requests from the tenderer

3.1.1 Unless otherwise stated in the Tender Data, respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.

3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

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3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who drew documents

3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

3.4 Opening of tender submissions

3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, preferences claimed and time for completion for the main tender offer only.

3.4.3 Make available the record outlined in **Clause 3.4.2** to all interested persons upon request.

3.5 Two-envelope system

3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

3.5.2 Evaluate the quality of the technical proposals offered by tenderers, then advice tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the quality evaluation more than the minimum number of points for quality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for quality.

3.6 Non-disclosure

Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

3.7 Grounds for rejection and disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

3.8 Test for responsiveness

3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

3.9 Arithmetical errors, omissions and discrepancies

3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.

3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with **Clause 3.11** for:

- a) the gross misplacement of the decimal point in any unit rate;
- b) omissions made in completing the pricing schedule or bills of quantities; or
- c) arithmetic errors in:
 - i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - ii) the summation of the prices.

3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and invite the tenderer to either confirm the tender offer as tendered or accept the corrected total of prices.

3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:

- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
- b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

3.11 Evaluation of Tender Offers

3.11.1 General

Appoint an evaluation panel of not less than three persons. Reduce each responsive tender offer to a comparative offer and evaluate them using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

3.11.2 Method 1: Financial offer

In the case of a financial offer:

- a) Rank tender offers from the most favourable to the least favourable comparative offer.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- b) Recommend the highest ranked tenderer for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- c) Re-rank all tenderers should there be compelling and justifiable reasons not to recommend the highest ranked tenderer and recommend the highest ranked tenderer, unless there are compelling and justifiable reasons not to do so and the process set out in this Sub-clause is repeated.

3.11.6 Decimal places

Score financial offers, as relevant, to two decimal places.

3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

3.13 Acceptance of tender offer

Accept the tender offer, if in the opinion of the employer, it does not present any unacceptable commercial risk and only if the tenderer:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
- c) has the legal capacity to enter into the contract,
- d) is not insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
- e) complies with the legal requirements, if any, stated in the tender data, and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

3.14 Prepare contract documents

3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents, and
- c) other revisions agreed between the employer and the successful tenderer.

3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

3.16 Notice to unsuccessful tenderers

3.16.1 Notify the successful tenderer of the employer's acceptance of his tender offer by completing and returning one copy of the form of offer and acceptance before the expiry of the validity period stated in the tender data, or agreed additional period.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender, but withhold information, which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2: RETURNABLE DOCUMENTS

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.1 LIST OF RETURNABLE DOCUMENTS

1. RETURNABLE SCHEDULES REQUIRED FOR TENDER EVALUATION PURPOSES

- 1.1 Schedule 1: Resolution of Board of Directors
- 1.2 Schedule 2: Resolution of Board of Directors to enter into consortia or JV's
- 1.3 Schedule 3: Special Resolution of Consortia or JV's
- 1.4 Schedule 4: Schedule of proposed sub-contractors
- 1.5 Schedule 5: Commitments of Tenderer
- 1.6 Schedule 6: Record of Addenda to tender documents
- 1.7 Schedule 7: Clarification Meeting Attendance Certificate
- 1.8 Schedule 8: Compulsory enterprise questionnaire

2. COMPULSORY MUNICIPAL BID DOCUMENTATION

- 2.1 MBD 2: Tax clearance certificate
- 2.2 MBD 4: Declaration of Interest
- 2.3 MBD 5 : Declaration for procurement above R 10 million
- 2.4 MBD 6.1: Preference Certificate
- 2.5 MBD 7.1 : Contract form- purchase of goods / works
- 2.6 MBD 8: Declaration of bidder's past supply chain management practices
- 2.7 MBD 9: Certificate of Independent Bid Determination

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.2 RETURNABLE SCHEDULES



Contractor



Witness 1



Witness 2



Employer



Witness 1



Witness 2

**T2.2.1 RETURNABLE SCHEDULES REQUIRED FOR TENDER EVALUATION
PURPOSES**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 1

RESOLUTION OF BOARD OF DIRECTORS

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

Held at _____ (place)

On _____ (date)

RESOLVED that:

1. The Enterprise submits a Bid / Tender to the Victor Khanye Local Municipality in respect of the following project:

{insert title}.....

Bid / Tender Number: **{insert number}**.....

2. *Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid / Tender, and any and all other documents and/or correspondence in connection with and relating to the Bid / Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid / Tender to the Enterprise mentioned above.

	Name	Capacity	Signature
1			
2			
3			
5			
6			

Note:

1. * Delete which is not applicable
2. **NB.** This resolution must be signed by all the Directors / Members / Partners of the Bidding Enterprise
3. Should the number of Directors / Members/Partners exceed the space available above, additional names and signatures must be supplied on a separate page

COMPANY STAMP

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 2

RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at _____ (place)

On _____ (date)

RESOLVED that:

1. The Enterprise submits a Bid /Tender, in consortium/Joint Venture with the following Enterprises:

(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

2. to the to the Victor Khanye Local Municipality in respect of the following project:

{Insert title}.....

Bid / Tender Number: **{insert number}**.....

3. *Mr/Mrs/Ms:

in *his/her Capacity as: _____ (Position in the Enterprise)

and who will sign as follows: _____

be, and is hereby, authorized to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

4. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.
5. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: _____

_____ (code)

Postal Address: _____

_____ (code)

Telephone number: _____ (code)

Fax number: _____ (code)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

Note:

1. * Delete which is not applicable
2. **NB.** This resolution must be signed by all the Directors / Members / Partners of the Bidding Enterprise
3. Should the number of Directors / Members/Partners exceed the space available above, additional names and signatures must be supplied on a separate page

COMPANY STAMP

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 3:

SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly bid for the project mentioned below: *(legally correct full names and registration numbers, if applicable, of the Enterprises forming a Consortium/Joint Venture)*

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Held at _____ *(place)*

On _____ *(date)*

RESOLVED that:

The above-mentioned Enterprises submit a Bid in Consortium/Joint Venture to the Victor Khanye Local Municipality in respect of the following project:

{Insert title}.....

Bid / Tender Number: **{insert number}**.....

A. Mr/Mrs/Ms: _____

in *his/her Capacity as: _____ *(Position in the Enterprise)*

and who will sign as follows: _____

be, and is hereby, authorised to sign the Bid, and any and all other documents and/or correspondence in connection with and relating to the Bid, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid to the Enterprises in Consortium/Joint Venture mentioned above.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- B. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of:

- C. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the municipality in respect of the project described under item A above.
- D. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the municipality for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item C above.
- E. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the municipality, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the municipality referred to herein.
- F. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the municipality in respect of the project under item A above:

Physical address: _____

_____ (code)

Postal Address: _____

_____ (code)

Telephone number: _____ (code)

Fax number: _____ (code)

	NAME	CAPACITY	SIGNATURE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Note:

1. * Delete which is not applicable
2. **NB.** This resolution must be signed by all the Duly Authorised Representatives of the Legal Entities to the Consortium/Joint Venture submitting this Bid
3. Should the number of Duly Authorised Representatives of the Legal Entities joining forces in this Bid exceed the space available above, additional names and signatures must be supplied on a separate page
4. Resolutions, duly completed and signed, from the separate Enterprises who participate in this Consortium/Joint Venture must be attached to the Special Resolution.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 4

SCHEDULE OF PROPOSED SUB-CONTRACTORS

We notify you that it is our intention to employ the following sub-contractors for work in this contract. If we are awarded a contract we agree that this notification does not change the requirement for us to submit the names of proposed sub-consultants in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us. We agree we will not subcontract more than 25% of the value of the contract to a person who is not an HDI or does not qualify for such preference.

	Name and address of proposed sub-contractor	Nature and extent of work	Previous experience with sub-contractor
1			
2			
3			
4			
5			

Name of representative	Signature	Capacity	Date

Name of organisation:	
------------------------------	--

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 5

COMMITMENTS OF TENDERER

PARTICULARS OF COMMITMENTS WHICH THE TENDERER IS PRESENTLY ENGAGED WITH:

Current projects:

Project		Employer	Reference / Contact person	Contact Tel. No.	Contract amount	Contract period	Date of commencement	Scheduled date of completion
1								
2								
3								
4								
5								

Name of Tenderer	Signature	Date

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 6

RECORD OF ADDENDA TO TENDER DOCUMENTS

I / We confirm that the following communications received from the Victor Khanye Local Municipality before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: *(Attach additional pages if more space is required)*

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		

Name of Tenderer	Signature	Date

6. I / We confirm that no communications were received from the Victor Khanye Local Municipality before the submission of this tender offer, amending the tender documents.

Name of Tenderer	Signature	Date

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SCHEDULE 7

CLARIFICATION MEETING ATTENDANCE CERTIFICATE

This is to certify that I, _____ representing
_____ in the company of
_____ attended the clarification meeting
on {insert date}.....

I have made myself familiar with all conditions likely to influence the work and the cost thereof. I further certify that I am satisfied with the description of the work and explanations given at the clarification meeting and that I understand perfectly the work to be done, as specified and implied, in the execution of this contract.

Name of Tenderer	Signature	Date

Name of Municipal Representative	Signature	Date

SCHEDULE 8
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: Particulars of sole proprietors and partners in partnerships

Section 8: 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 4: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 5: Record in the 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 or has been within the last 12 months in the service of any of the following:

	A member of any municipal council		A 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 Provinces		A employee of Parliament or a provincial legislature
	A member of the board of directors of any municipal entity		An official of any municipality or municipal entity

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

[illegible]

Section 6: Records of spouses, children and parents in the service of the state

Indicate by making the relevant boxes with a cross, if any spouses, 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 or has been within the last 12 months been in the service of any of the following:

☐	A member of any municipal council	☐	An employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management act, 1999 (act 1 of 1999)
☐	A member of any provincial legislature	☐	A member of an accounting authority of any national or provincial public entity
☐	A member of the National Assembly or the National Council of Province.	☐	An employee of Parliament or a provincial legislature
☐	A member of the board of directors of any municipal entity	☐	A 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 the 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 appears, has within the last five years been convicted of frauds 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; and
- 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: _____

T2.2.2 COMPULSORY MUNICIPAL BID DOCUMENTATION

MBD 2: TAX CLEARANCE CERTIFICATE

It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.

1. In order to meet this requirement bidders are required to complete in full form TCC001 "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to foreign bidders / individuals who wish to submit bids. Form TCC 001 is available from any SARS branch office nationally or on the website www.sars.gov.za.
2. SARS will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of 1 (one) year from the date of approval.
3. The **original** Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable.
4. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate.
5. Applications for the Tax Clearance Certificates may also be made via e-Filing. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.
6. Exemption to the provision of a Tax Clearance Certificate will be granted provided that:
 - a) The bidder is registered on the vendor database of the municipality and a valid tax clearance certificate was submitted together with the application for registration;
 - b) If the closing date of the price quotation or bid falls within the expiry date of the tax clearance certificate that is in the municipality's possession.

MBD 4

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
1. 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, hareholder²):.....

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 or not they are bidding for this contract.

YES / NO

3.14.1 If yes, furnish particulars:

.....
.....

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

Full Name	Identity Number	State Employee Number

.....
Date

.....
Signature

.....
Capacity

.....
Name of Bidder

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

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

1.	Are you by law required to prepare annual financial statements for auditing?	*YES / NO
1.1	If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.	
2.	Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than three months or any other service provider in respect of which payment is overdue for more than 30 days?	*YES / NO
2.1	If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than three months or other service provider in respect of which payment is overdue for more than 30 days.	
2.2	If yes, provide particulars:	
3.	Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?	*YES / NO
3.1	If yes, provide particulars:	
4.	Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?	*YES / NO
4.1	If yes, provide particulars:	

CERTIFICATION

I, THE UNDERSIGNED (NAME)

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

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

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 To be completed by the organ of state

(delete whichever is not applicable for this tender).

- a) The applicable preference point system for this tender is the 90/10 preference point system.
- b) The applicable preference point system for this tender is the 80/20 preference point system.
- c) Either the 90/10 or 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

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	
SPECIFIC GOALS	
Total points for Price and SPECIFIC GOALS	100

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

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

2. DEFINITIONS

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

$$\begin{array}{ccc} \text{80/20} & \text{or} & \text{90/10} \\ \\ Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) & \text{or} & Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \end{array}$$

Where

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

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

3.2.1. POINTS AWARDED FOR PRICE

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

$$\begin{array}{ccc} \text{80/20} & \text{or} & \text{90/10} \\ \\ Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) & \text{or} & Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) \end{array}$$

Where

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

4. POINTS AWARDED FOR SPECIFIC GOALS

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

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

(Note to 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 (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
RACE	6	
GENDER	6	
DISABILITY	6	
YOUTH	2	

DECLARATION WITH REGARD TO COMPANY/FIRM

- 4.3. Name of company/firm.....
- 4.4. Company registration number:
- 4.5. TYPE OF COMPANY/ FIRM

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

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

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

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

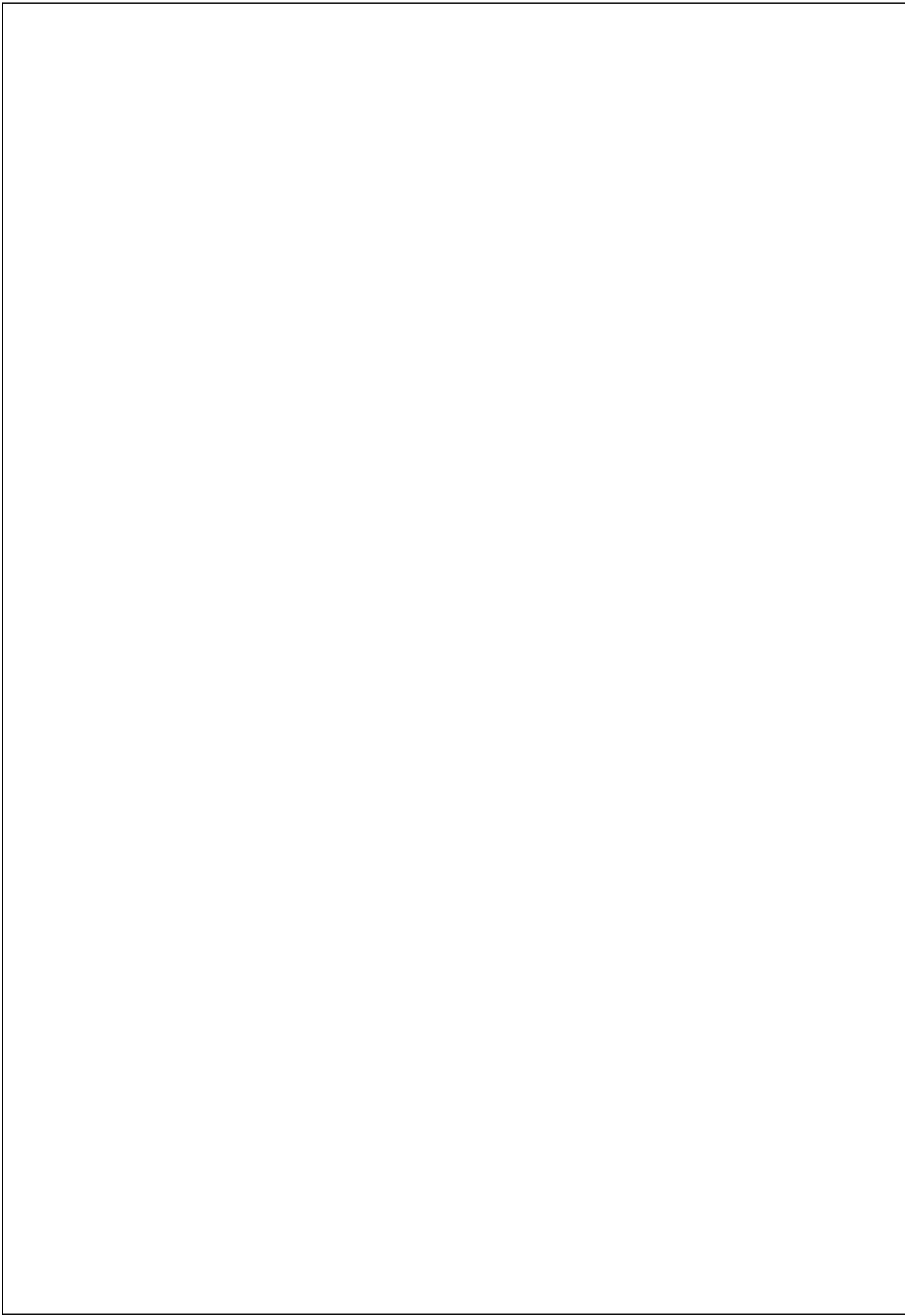
DATE:

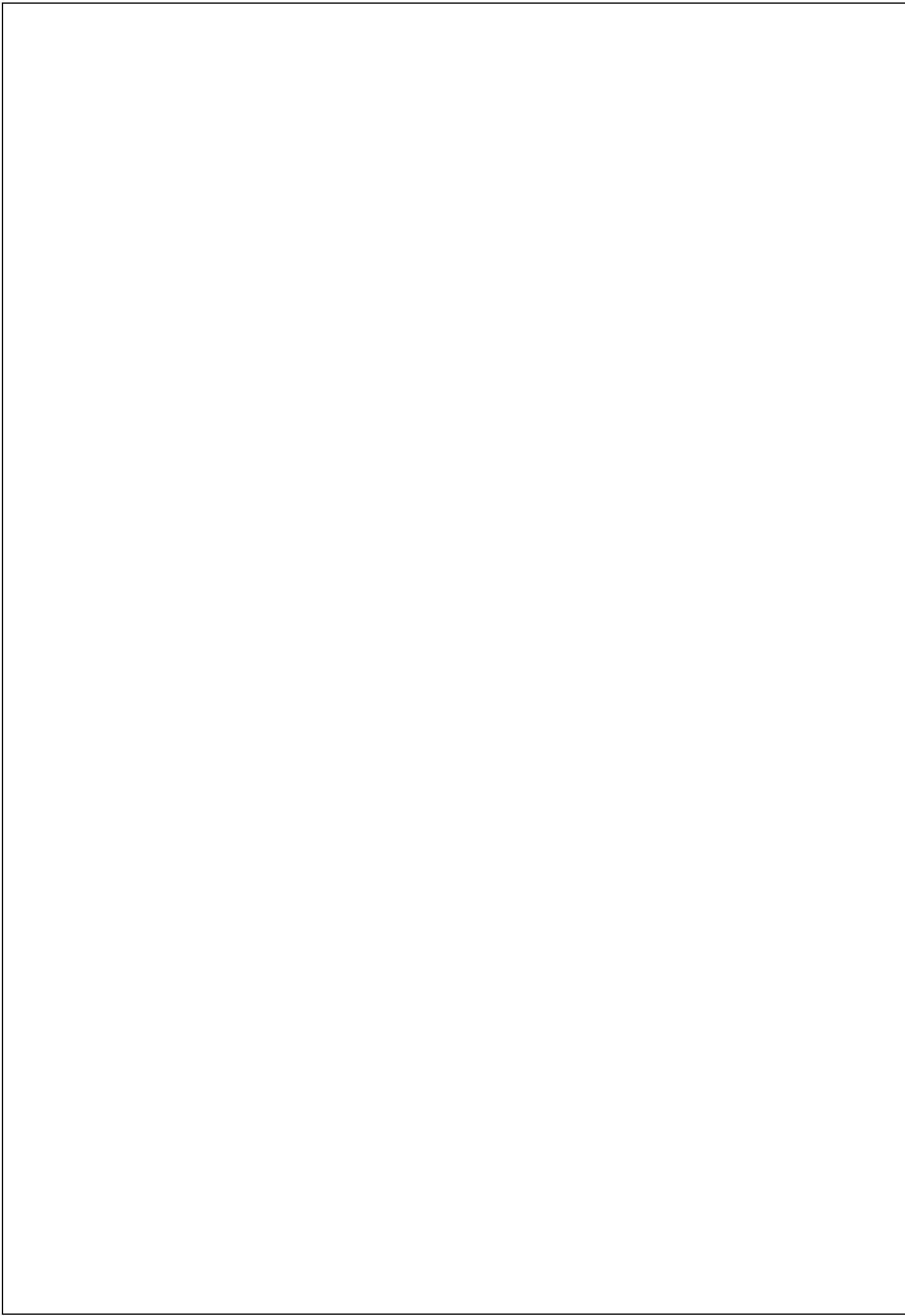
ADDRESS:

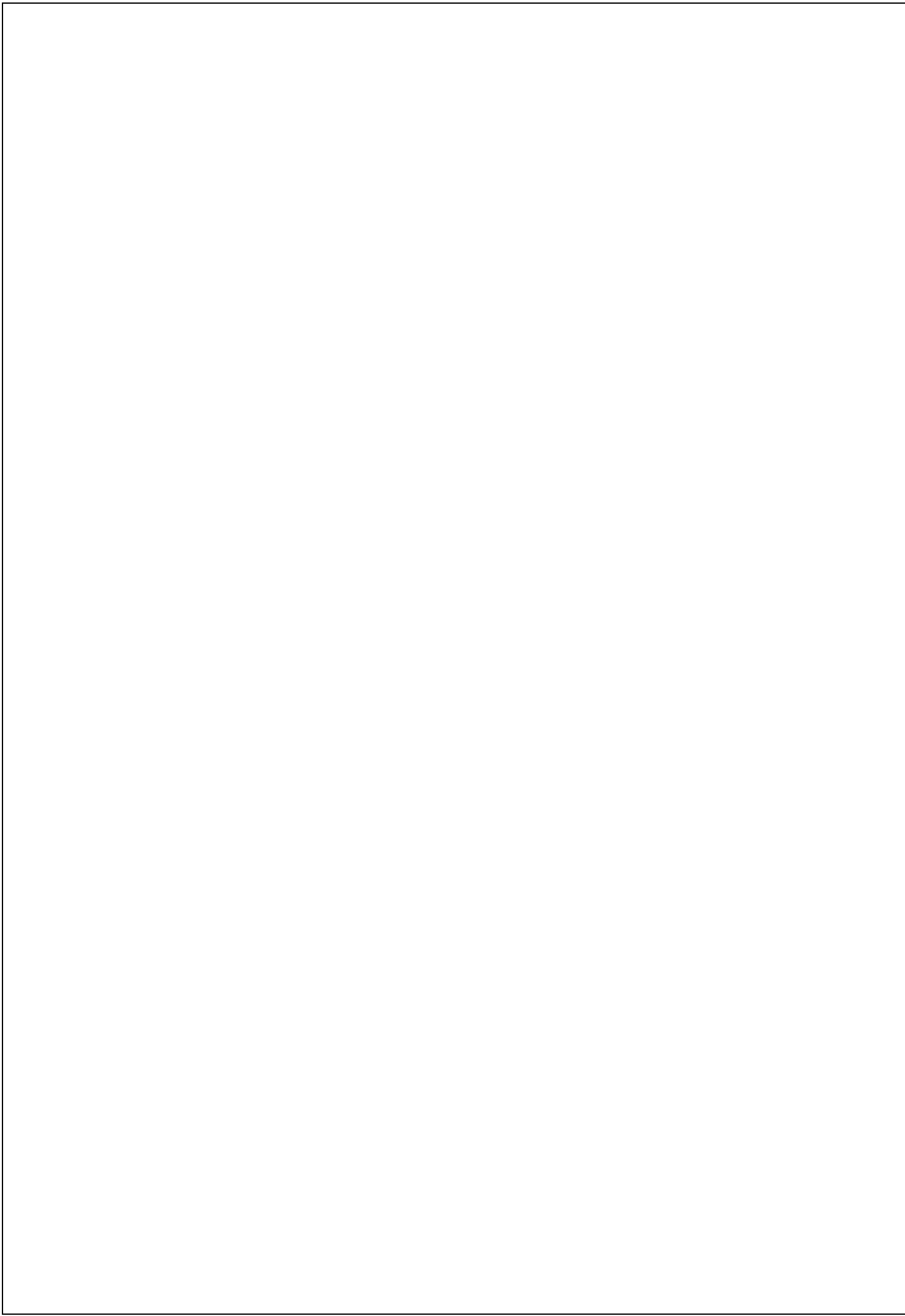
.....

.....

.....







CONTRACT FORM - PURCHASE OF GOODS/WORKS

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

PART 1 (TO BE FILLED IN BY THE BIDDER)

1. I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to (name of institution) in accordance with the requirements and specifications stipulated in bid number at the price/s quoted. My offer/s remain binding upon me and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Bidding documents, viz
 - Invitation to bid;
 - Tax clearance certificate;
 - Pricing schedule(s);
 - Technical Specification(s);
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011;
 - Declaration of interest;
 - Declaration of bidder's past SCM practices;
 - Certificate of Independent Bid Determination;
 - Special Conditions of Contract;
 - (ii) General Conditions of Contract; and
 - (iii) Other (specify)
3. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfillment of this contract.
5. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
6. I confirm that I am duly authorised to sign this contract.

NAME (PRINT)

CAPACITY

SIGNATURE

NAME OF FIRM

DATE

WITNESSES	
1	
2	
DATE:	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CONTRACT FORM - PURCHASE OF GOODS/WORKS

PART 2 (TO BE FILLED IN BY THE PURCHASER)

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

ITEM NO.	PRICE (ALL APPLICABLE TAXES INCLUDED)	BRAND	DELIVERY PERIOD	B-BBEE STATUS LEVEL OF CONTRIBUTION	MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT (if applicable)

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

SIGNED AT ON

NAME (PRINT)

SIGNATURE

OFFICIAL STAMP

WITNESSES

1

2

DATE:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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:		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

Js367bW

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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 or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder.
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or 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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

.....
Date

.....
Position

.....
Name of Bidder

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

THE CONTRACT

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1: AGREEMENTS AND CONTRACT DATA

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.1 FORM OF OFFER AND ACCEPTANCE

FORM OF OFFER

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the following project:

.....

Bid / Tender Number: **TENDER NO: T/TECH/01/03/2024/2025**

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the service provider / consultant 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 THE FOLLOWING:

MBD 3.1: Rand (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 provider / consultant in the conditions of contract identified in the contract data.

Signature Block: Tenderer	
Signature.....	Date.....
Name.....	
Capacity.....	
Name of organization.....	
Address of organization.....	
.....	
Signature of witness.....	Date.....
Name of witness.....	

*

Bidders have to complete the offer total of price in words as well as in figures

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2
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FORM OF 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 service provider / consultant the amounts due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offers shall form an agreement between the employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part C1 Agreements and contract data, (which includes this agreement)
- Part C2 Pricing data
- Part C3 Scope of work

and documents or parts thereof, which may be incorporated by reference into Parts C1 to C3 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 fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

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

Signature Block: Employer	
Signature.....	Date.....
Name.....	
Capacity.....	
for the Employer	Victor Khanye Local Municipality P.O. Box 6 Delmas, 2210
Signature of witness.....	Date.....
Name of witness.....	

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Contractor

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Witness 1

--

Witness 2

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Employer

--

Witness 1

--

Witness 2

SCHEDULE OF DEVIATIONS

1. Subject: _____
Details: _____
2. Subject: _____
Details: _____
3. Subject: _____
Details: _____
4. Subject: _____
Details: _____

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

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.2 CONTRACT DATA

PART 1: DATA PROVIDED BY THE EMPLOYER

- a) The Employer is the **Victor Khanye Local Municipality**
- b) The authorized and designated representative of the Employer: Municipal manager
- c) The address for receipt of communications is:
- Tel: 013-665-6000
Fax: 013-665-2913
E-mail: secmm@vklm.gov.za
Address: Corner Samuel and Van Der Walt Street
Delmas 2210
- d) The Project is: **TENDER No: T/TECH/01/03/2024/2025**
- e) The Period of Performance commences on the date of signature of the Form of Acceptance.
- f) The location for the performance of the Project is **the Municipal area of Delmas.**
- g) The Service Provider is required to provide the Service with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.
- h) The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions:
- i) Appointing Subcontractors for the performance of any part of the Services,
ii) Appointing Key Persons or Personnel not listed by name in the Contract Data.
- j) Copyright of documents prepared for the Project shall be vested with the Employer
- k) Interim settlement of disputes is to be by mediation
- l) Final settlement is by litigation
- m) In the event that the parties fail to agree on a mediator, the mediator is nominated by the National Treasury(NT)
- n) Neither the Employer nor the Service Provider is liable for any loss or damage resulting from any occurrence unless a claim is formally made within two (2) months from the date of termination or completion of the Contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PART 2: DATA PROVIDED BY THE SERVICE PROVIDER

The Service Provider is: _____

Address: _____

Telephone: _____

Facsimile: _____

The authorised and designated representative of the Service Provider is:

Name: _____

The address for receipt of communications is:

Telephone: _____

Facsimile: _____

Email: _____

Address: _____



Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.2 CONTRACT DATA

PART 1: DATA PROVIDED BY THE EMPLOYER

- d) The Employer is the **Victor Khanye Local Municipality**
- e) The authorised and designated representative of the Employer: Municipal manager
- f) The address for receipt of communications is:
- Tel: 013-665-6000
Fax: 013-665-2913
E-mail: secmm@victorkhanyelm.gov.za
Address: Corner Samuel and Van Der Walt Street
Delmas 2210
- i) The Project is: **TENDER No: T/TECH/01/03/2024/2025**
- j) The Period of Performance commences on the date of signature of the Form of Acceptance.
- k) The location for the performance of the Project is **the Municipal area of Delmas.**
- l) The Service Provider is required to provide the Service with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.
- m) The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions:
- iii) Appointing Subcontractors for the performance of any part of the Services,
iv) Appointing Key Persons or Personnel not listed by name in the Contract Data.
- o) Copyright of documents prepared for the Project shall be vested with the Employer
- p) Interim settlement of disputes is to be by mediation
- q) Final settlement is by litigation
- r) In the event that the parties fail to agree on a mediator, the mediator is nominated by the National Treasury(NT)
- s) Neither the Employer nor the Service Provider is liable for any loss or damage resulting from any occurrence unless a claim is formally made within two (2) months from the date of termination or completion of the Contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PART 2: DATA PROVIDED BY THE SERVICE PROVIDER

The Service Provider is: _____

Address: _____

Telephone: _____

Facsimile: _____

The authorised and designated representative of the Service Provider is:

Name: _____

The address for receipt of communications is:

Telephone: _____

Facsimile: _____

Email: _____

Address: _____



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Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.2 CONTRACT DATA

PART 1: DATA PROVIDED BY THE EMPLOYER

- g) The Employer is the **Victor Khanye Local Municipality**
- h) The authorised and designated representative of the Employer: Municipal manager
- i) The address for receipt of communications is:
- Tel: 013-665-6000
Fax: 013-665-2913
E-mail: secmm@victorkhanyelm.gov.za
Address: Corner Samuel and Van Der Walt Street
Delmas 2210
- n) The Project is: **TENDER No: T/TECH/01/03/2024/2025**
- o) The Period of Performance commences on the date of signature of the Form of Acceptance.
- p) The location for the performance of the Project is **the Municipal area of Delmas.**
- q) The Service Provider is required to provide the Service with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.
- r) The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions:
- v) Appointing Subcontractors for the performance of any part of the Services,
vi) Appointing Key Persons or Personnel not listed by name in the Contract Data.
- t) Copyright of documents prepared for the Project shall be vested with the Employer
- u) Interim settlement of disputes is to be by mediation
- v) Final settlement is by litigation
- w) In the event that the parties fail to agree on a mediator, the mediator is nominated by the National Treasury(NT)
- x) Neither the Employer nor the Service Provider is liable for any loss or damage resulting from any occurrence unless a claim is formally made within two (2) months from the date of termination or completion of the Contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PART 2: DATA PROVIDED BY THE SERVICE PROVIDER

The Service Provider is: _____

Address: _____

Telephone: _____

Facsimile: _____

The authorised and designated representative of the Service Provider is:

Name: _____

The address for receipt of communications is:

Telephone: _____

Facsimile: _____

Email: _____

Address: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Victor Khanye Local Municipal Council

Number : T/TECH/01/03//2024/2025

Name: APPOINTMENT OF PANEL OF THREE SUITABLE PROVIDERS FOR DESIGN, CONSTRUCTION ,SUPERVISION, CLOSE-OUT REPORT OF ELECTRICITY INFRASTRUCTURE AND MAINTANANACE WORK WITHIN THE ELECTRICAL FIELD OF VICTOR KHANYE LOCAL MUNICIPALITY FOR A PERIOD OF 36 MONTHS AS AND WHEN REQUIRED.

Points System: 80:20

The tender shall be evaluated on a 80/20 preferential points system, where 80 points will be allocated in respect of price and 20 points in respect of targeted goals.

POINTS FOR CONTRACTING AN ENTERPRISE OWNED BY HISTORICALLY DISADVANTAGED PERSONS OR INDIVIDUALS		
HISTORICALLY DISAVANTAGED PERSONS OR INDIVIDUALS	POINTS ALLOCATION	SOURCE DOCUMENTS REQUIRED TO CLAIM POINTS
100% black person or people owned enterprise	6	A copy of a Full CSD report not older than 3 months

POINTS FOR CONTRACTING AN ENTERPRISE OWNED BY WOMEN OR MEN		
WOMEN OR MEN	POINTS ALLOCATION	SOURCE DOCUMENTS REQUIRED TO CLAIM POINTS
More than 30% women owned enterprise	6	A copy of a Full CSD report not older than 3 months
Men only owned enterprise	5	

POINTS FOR CONTRACTING AN ENTERPRISE OWNED BY PEOPLE WITH DISABILITY		
PEOPLE WITH DISABILITY	POINTS ALLOCATION	SOURCE DOCUMENTS REQUIRED TO CLAIM POINTS
More than 30% people living with disability shareholding or owned enterprise	6	A copy of a Medical Certificate to confirm disability

POINTS FOR IMPLEMENTING RDP PROGRAMMES		
YOUTH	POINTS ALLOCATION	SOURCE DOCUMENTS REQUIRED TO CLAIM POINTS
100% YOUTH OWNED ENTERPRISE PERSONS WHO ARE AGE 35 YEARS AND LESS	2	A COPY OF A FULL CSD REPORT NOT OLDER THAN 3 MONTHS.
TOTAL PREFERENCE POINTS TO BE CLAIMED	20	

Contractor

Witness 1

Witness 2

Employer

Witness 1

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EVALUATION CRITERIA

No.	Quality Criteria	Sub-criteria	Maximum number of points
1.	Experience of the tenderer in related scope of works	Previous company experience- relevant similar project experience in the past. (Attach minimum of 3 copies of appointment and reference letters).	Max 15 points
		3 or more similar project: 15 points 3 appointment letters and reference letters	
		2 similar project: 10 points	
		1 similar project: 05 points	
		No information provided: 0 points	
2.	Experience of key staff- Attach certified copies of qualifications and professional registration.(Project manager)	Person must have at least 5 years' post-qualification experience and professionally registered with ECSA. Also have experience in managing of electrical network installation and maintenance coordination, admiration, reporting to client and management of resources.	Max 30 points
		0-2 years : 2 points	10 points
		2-5 years: 5 points	
		+5 years: 10 points	
		Professional Council registration (ECSA)	20 points
		BSc/ B.Eng. :(Pr. Eng.) : 20 points	
		B-tech. (Pr. Tech) : 10 points	
		Qualification without professional registration certificate from ECSA will not be considered.: 0 points	
3.	Experience of the key person (Artisan)	Person must have at least +3 years' experience in performing electrical works.: 10 points	Max 10 points
		Trade test and 3 years' experience: 10 points	
		Trade test and below 3 years' experience: 5 points	
4.	Experience of the key person (Linesman) x 1	Key person will be responsible for construction of overhead lines.	Max 10 points.

Contractor

Witness 1

Witness 2

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Witness 1

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5	Financial capabilities Financial capabilities of the bidders Bank rating letter Non-submission is	code a undoubted for the amount =20 points code b undoubted for the amount =15 points code c undoubted for the amount =10 points code d undoubted for the amount =0 points	Max 20 points
5	Maximum Points		85

PLEASE NOTE :THAT RESPONDENTS WILL PASS FUNCTIONALITY IF THEY SCORE 70 % OF HIGHER FOR FUNCTIONALITY.

Victor Khanye Local Municipal Council

SUPPLY CHAIN MANAGEMENT DOCUMENTS

Contractor

Witness 1

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Employer

Witness 1

Witness 2

SCOPE OF WORK

1. General

1.1 This section provides the tenderer with guidelines and requirements with regard to the completion of the Price Schedule. (The quantities provided in the pricing schedule are estimates)

1.2 The Price Schedule shall be read with all the documents, which form part of this Contract.

1.3 The following words shall have the meanings hereby assigned to them:

Unit: The unit of measurement for each item of work in terms of the Specifications and the Project Specifications.

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

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

Price: The product of the quantity and the rate tendered for an item.

Lump sum: An amount tendered for an item, the extent of which is described in the Price Schedule, and the Specification, but the quantity of work of which is not measured in any units.

1.4 The price for each Item shall include the cost of all labour both skilled and unskilled, including transport, supervision and profit required to complete the Services covered by each specific Item.

1.5 No addition, erasure or alteration is to be made on the estimated quantities. Such corrections will invalidate the tender.

1.6 Issue of Purchase Orders: Before a Purchase Order is issued; the Employer will determine the Services (Items) to be provided, to determine the remuneration of the specific proposed Services.

1.7 The Schedule has to be completed in black ink.

2. Units of Measurements

The units of measurement described in the Price Schedule are metric units.

Abbreviations used in the Price Schedule are as follows:

MM = MILLIMETER

M = METRE

KM = KILOMETER

M² = SQUARE METRE

M². PASS = SQUARE METER PASS

HA = HECTARE

M³ = CUBIC METRE

M³.KM = CUBIC METRE-KILOMETRE

L = LITRE

KL = KILOLITER

MPA = MEGA PASCAL

H = HOUR

KG = KILOGRAM

T = TON (1000KG)

NO. = NUMBER

SUM = LUMP SUM

MN = MEGA NEWTON

MN.M = MEGA NEWTON-METRE

PC SUM = PRIME COST SUM

PROV SUM= PROVISIONAL SUM

% = PER CENT

KW = KILOWATT

3. RATES

3.1 This Price Schedule has columns for quantity, rate and total for the activities and Item. Entries in these columns are made as follows:

3.2. If the Supplier is to be paid an amount for the Services which is the unit rate for each activity in an Item multiplied by the quantity of the activity supplied, (i.e. a 'Price Schedule' arrangement) - the tenderer enters the rate which is then multiplied by the quantity (which has been entered by the Employer) to produce the

Contractor

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price which is to be entered.

3.4. Rate only entries must not be made for work covered by other Items.

3.5 All prices tendered must include all expenses, disbursements and costs (e.g. transport, overheads, accommodation etc.) that may be required in and for the execution of the work described in the Specification, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the Contract as well as overhead charges and profit (in the event that the tender is successful).

3.6 All prices tendered will be final and binding. The Rates in the Price Schedule shall be firm for the Tender Validity Period and fixed for the Contract Period and no escalation or price adjustment is applicable to this tender.

4. Specification

5.1. All Services performed must be fit for the purpose intended and comply with the applicable South African Bureau of Standards specifications. Service provider's attention is specifically drawn, but not limited, to inter alia SANS 10142-1 and SANS 10142-2 where applicable to an Item or activities within an Item.

5.2. Information on currently valid national and international standards can be obtained from the South African Bureau of Standards.

5.3. Provide CV's for your key personnel. This should at least include the project manager, the Safety representatives, the site supervisors and artisans.

6. Emergency work

6.1. Emergency work must be carried out in the shortest possible time and will be stipulated in the Purchase Order. As the continuous functioning of the electrical equipment is of vital importance, the maintenance/repair work must be done in the shortest possible time.

6.2. Preference will be given to the appointed contractor at all times but Council reserves the right to procure outside of the contract if the appointed contractor can't attend to the emergency services as required by the emergency situation where the supplier is required, or the Contractor's services are not readily available.

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Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ITEM 3: 11kV Cable Jointing and Termination [XLPE, PILE & PILC]

Activities:

Excavation Work:

A. Digging of Joint Bay or Trenches in

1. Tarmac
2. Concrete
3. Brick Paving
4. Base Course
5. Soft Soil
6. Intermediate Soil
7. Hard Soil

B. Reinstate of Joint Bay or Trenches to original compaction and finish

1. Tarmac
2. Concrete
3. Brick Paving
4. Base Course
5. Soft Soil
6. Intermediate Soil
7. Hard Soil

C. Cable Joints 11Kv

1. Heat Shrink Straight Joint, 16mm² - 70mm²
2. Heat Shrink Straight Joint, 95mm² - 150mm²
3. Heat Shrink Straight Joint, 185mm² - 300mm²
Heat Shrink Straight Joint, 300mm² - 500/600mm² single core per core

D. Cable Terminations 11Kv

Indoor Termination (Heat Shrink) Including:

- i) Installation of securing devices
- ii) Installation of Lugs
- iii) Reconnection of Termination onto Switchgear
- iv) Installation of Flexible Boots
 1. 16mm² - 70mm²
 2. 95mm² - 150mm²
 3. 185mm² - 300mm²
 4. 300mm² - 500/600mm² single core per core

Outdoor Terminations (Heat Shrink) Including:

- i) Removal of existing cable from pole or switchgear
- ii) Strapping of cable against pole, irrespective of Cable size
- iii) Installation of Earthing Kit
- iv) Installation of Lugs
- v) Reconnection of Termination onto Fuses or Terminal Post
 5. 16mm² - 70mm²
 6. 95mm² - 150mm²
 7. 185mm² - 300mm²
 8. 300mm² - 500/600mm² single core per core

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ITEM 4: Erection and Maintenance: 11kV Overhead Lines

Activities:

A. Excavation Work:

All dimensions on holes shall be tendered on depth PLUS 200mm

1. Hole for Pole, 1.8m Soft Soil
2. Hole for Pole, 1.8m Intermediate Soil
3. Hole for Pole, 1.8m Hard Soil
4. Hole for Pole, 1.5m Soft Soil
5. Hole for Pole, 1.5m Intermediate Soil
6. Hole for Pole, 1.5m Hard Soil
7. Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Soft Soil
8. Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Intermediate Soil
9. Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Hard Soil
10. Hole for Strut Pole, 9 & 11m strut - Soft Soil
11. Hole for Strut Pole, 9 & 11m strut - Intermediate Soil
12. Hole for Strut Pole, 9 & 11m strut - Hard Soil
13. Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill
14. Hole for Pole, 1.8m x 405mm diameter - Rock Drill
15. Hole for Peg Pole 1.5m x 405mm diameter - Rock Drill
16. Hole for Stay for 2m x 405mm diameter, round stay plate, 350mm - Rock Drill

B Construction Work:

1. Dressing of 11m Wooden Poles with A-frame, Strain and Terminal Structures Including:

- i) 2 x Threaded Rod Assemblies, 20mm x 350mm
- ii) 10m x Stay Wire, 7 x 4mm (for earthing)
- iii) 10 x U-nails (for fastening 7 x 4mm wire)

2. Dressing of 11m Wooden Poles with A-frame, Intermediate Structures Including:

- i) 2 x Threaded Rod Assemblies, 20mm x 350mm
- ii) 10m x Stay Wire, 7 x 4mm (for earthing)
- iii) 10 x U-nails (for fastening 7 x 4mm wire)

3. Dressing of 11m Wooden Poles with Strain Cross Arm Including:

- i) 2 x Threaded Rod Assemblies, 20mm x 350mm
- ii) 1 x Bonding Clip

4. Dressing of 11m Terminal Structure, with Insulators Including:

- i) 3 x D-shackles
- ii) 3 x Long Rod Insulators, 22Kv

Contractor

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- iii) 3 x Clevis Thimbles

Excluding:

- i) A-frame - measured elsewhere

5. Dressing of 11m Strain Structure, with Insulators Including:

6 x D-shackles, 6 x Long Rod Insulators, 6 x Clevis Thimbles

Excluding:

- i) A-frame - measured elsewhere

6. Dressing of Strain Cross-arm, T-off from 11m Intermediate, with Insulators Including:

3 x D-shackles, 3 x Long Rod Insulators, 11 or 22Kv, 3 x Clevis Thimbles, 3 x Dead Ends, 2 x Line Post Insulators (Jumper support), 2 x 50mm Spindles (Jumper support), 2 x Wrap Lock Ties (Jumper support)

Excluding:

- i) Strain Cross Arms measured elsewhere

7. Dressing of 11m Intermediate Structure, with Insulators Including:

- i) 3 x Line Post Insulators, 11 or 22Kv
ii) 3 x Spindles, 50mm

8. Installation of 11m Wooden Poles (Terminal, Strain and Intermediate)

Including:

- i) Backfilling and compaction

9. Installation of 9m Wooden Poles

Including:

- i) Backfilling and compaction

10. Installation of 9 or 11m Strut Pole

Including:

- i) 1 x L-Bracket
ii) 4 x Threaded Rod Assemblies 20mm x 350mm
iii) Backfilling and compaction of Strut Hole

11. Installation of Normal Stay

Including:

- i) 1 x Pole Top Make-off
ii) 3 x Guy Grip Dead Ends
iii) 1 x Stay Insulator
iv) 10m Stay Wire, 7 x 4mm
v) 1 x Rope Thimble
vi) 1 x Stay Rod 2m x 20mm
vii) 1 x Stay Plate, 450mm x 450mm
viii) Backfilling and compaction of stay hole

Including:

- i) 2 x Pole Top Make-off
ii) 6 x Guy Grip Dead Ends
iii) 2 x Stay Insulator
iv) 17m Stay Wire, 7 x 4mm
v) 1 x Rope Thimble
vi) 1 x Clevis Thimble

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- vii) 1 x Eye Bolt Assembly 20mm x 350mm
 - viii) 1 x Stay Rod, 2m x 20mm
 - ix) 1 x Stay Plate, 450mm x 450mm
 - x) Backfilling and compaction of Stay Hole
- Excluding:
- i) Installation of 9m pole measured elsewhere.

12. Installation of Rock Anchor

Including:

- i) 1 x Pole Top Make-off
- ii) 3 x Guy Grip Dead Ends
- iii) 1 x Stay Insulator
- iv) 10m Stay Wire, 7mm x 4mm
- v) 1 x Rope Thimble
- vi) 1 x Rock Anchor Rod

Excluding:

- i) Hole 1m x 32mm, measured elsewhere

13. Installation of Drop-out Fuses

Including:

- i) 3 x L-Brackets
- ii) 3 x Fuse Insulators
- iii) 3 x Fuse Tubes or Solid Links
- iv) 3 x Connections to lines or transformer bushings
- v) 3 x Fuse Elements

A. Installation of Conductors:

1. Fir/Pine Conductor (running out and hook into pulleys)
2. Oak/Ash Conductor (running out and hook into pulleys)
3. Termination of Conductor on 11m A-frame, Terminal Structure, irrespective of conductor size and Span lengths

Including:

- i) 3 x initial tensioning of Conductor
- ii) 3 x tensioning with Dynamometer to specification
- iii) 3 x Installation of Dead Ends
- iv) 3 x Installation of droppers onto fuses or transformers

4. Termination of Conductor on 11m A-framed pole, Strain Structure

Including:

- i) 3 x initial tensioning of Conductor
- ii) 3 x tensioning with Dynamometer to specification
- iii) 6 x Installation of Dead Ends
- iv) 3 x Installation of jumpers
- v) 3 x Installation of non-tension crimps
- vi) 3 x Line Post Insulators (Jumper support)
- vii) 3 x Spindles, 50mm (Jumper support)
- viii) 3 x Wrap Lock Ties (Jumper support)

5. Binding of Conductors, on 11m Intermediate A-framed pole Structures

Including:

- i) 3 x Lifting Conductor from pulley to Line Post Insulator
- ii) 3 x Installation of Rubber Tube underneath Conductor
- iii) 3 x Installation of Wrap Lock Ties

6. Installation of Spiral or other Vibration Dampers, irrespective conductor size

B. Installation of Transformer:

Contractor

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- 1. Installation of pole mounted transformer irrespective of kVA rating 16-200kVA**
Including:
 - i) 4 x Threaded Rod Assemblies 20mm x 450mm
 - ii) 2 x Transformer Brackets

- 2. Installation of transformer on a platform, irrespective of kVA rating 16 – 400kVA**
Including:
 - i) 1 x Platform
 - ii) 8 x Threaded Rod Assemblies 20mm x 450mm
 - iii) 2 x Cross Bars 76mm x 38mm (for transformer hold-down)
 - iv) 1 x Support Pole 9m

- 3. Installation of transformer on a 4- Pole Structure, irrespective of kVA rating 160 - 500kVA**
Including:
 - i) 4 x Channels, 2.2m long, 55mm x 100mm
 - ii) 4 x Threaded Rod Assemblies 20mm x 450mm
 - iii) 4 x Threaded Rod Assemblies 20mm x 350mm
 - iv) 4 x Bolts 20mm x 50mm (Transformer Hold-down)
 - v) 4 x Support Pole 9m

- 4. Installation of 12kV Surge Arresters**
Including:
 - i) 3 x Surge Arresters
 - ii) 3 x Bolts, 12mm x 50mm
 - iii) 3 x Connection of earthing to transformer body and earth
 - iv) 3 x Connections between transformer bushings and arresters
 - v) 3 x Twisted Lug Bolts (for connection of droppers onto transformer bushings)

- 5. Installation of all Earthing at Transformer Station**
Including:
 - i) 11m Insulated Earth Wire, 16mm² and/or 35mm² bare copper
 - ii) 1 x Earth Rods, 1.5m or earth mats
 - iii) 3m Galvanized Conduit, 20mm
 - iv) 15m Bare Copper Earth Wire, 16 or 35mm²
 - v) 2 x Earth Rod Clamps
 - vi) 1 x Lug 16mm² x 12mm
 - vii) 5m Stainless Steel Strapping and 5 x Stainless Steel Buckles
 - viii) 1 x Earth Resistant Test (Reading must be lower than 20Ω)

- 6. Installation of LV Earthing at Transformer Station**
Including:
 - i) 1 x Surge Arrester, 6kV
 - ii) Connection between 6kV Arrester and Neutral bushing of transformer
 - iii) 8m Insulated Earth Wire, 16mm²
 - iv) 1 x Earth Rods, 1.5m or earth mat
 - v) 1m Galvanized Conduit, 20mm
 - vi) 15m Bare Copper Earth Wire, 16 or 35mm²
 - vii) 4 x Earth Rod Clamps
 - viii) 1 x Lug 16mm² x 10mm
 - ix) 5m Stainless Steel Strapping and 5 x Stainless Steel Buckles
 - x) 1 x Earth Resistant Test (Reading must be lower than 10Ω)

- 7. Installation of Meter Box at Transformer Station**
Including:
 - i) Fixing of Meter Box to pole
 - ii) 7m x Cable 4 core between bushings and Meter Box, irrespective of cable size
 - iii) 1 x Break-out Boot (Heat Shrink)
 - iv) 4 x Lugs, irrespective of size
 - v) 1 x Cable Gland, irrespective of size

Contractor

Witness 1

Witness 2

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- vi) 5m x Stainless Strap and 5 x Stainless Steel Buckles

ITEM 5: Demolition: Power Lines (HV, MV and LV)

A. Demolishing of Existing Power Lines:

1. **Removal of steel or wooden poles irrespective of length**
Including:
 - i) Cutting of poles more than 300mm beneath ground level
 - ii) Removal of Cross Arm, Stays and Insulators
 - iii) Transport and Offloading at Victor Khanye Local Municipal Stores, irrespective of distance.
2. **Removal of stays**
Including:
 - i) Cutting of Stay Rods more than 300mm beneath ground level
 - ii) Transport and Offloading at Victor Khanye Local Municipal Stores, irrespective of distance.
3. **Removal of all three Conductors, irrespective of size, type of conductor and distance between poles (pole to pole)**
Including:
 - i) Measured and coiled
 - ii) Transport and Offloading at Victor Khanye Local Municipal Stores, irrespective of distance
4. **Removal of Transformers, irrespective of size**
Including:
 - i) Removal from structure
 - ii) Safe handling of transformer (for re-use)
 - iii) Transport and Offloading at Victor Khanye Local Municipal Stores, irrespective of distance.

ITEM 6: Erection and maintenance of LV Overhead Lines

Includes ABC, Copper and Aluminum conductor

Activities

A. Excavation Work:

1. Hole for Pole, 1.5m Soft Soil
2. Hole for Pole, 1.5m Intermediate Soil
3. Hole for Pole, 1.5m Hard Soil
4. Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Soft Soil
5. Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Intermediate Soil
6. Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Hard Soil
7. Hole for Stay, 1.5m x 12mm stay rod, 450mm x 450mm stay plate - Soft Soil
8. Hole for Stay, 1.5m x 12mm stay rod, 450mm x 450mm stay plate - Intermediate Soil
9. Hole for Stay, 1.5m x 12mm stay rod, 450mm x 450mm stay plate - Hard Soil
10. Hole for Strut Pole, 9m strut - Soft Soil
11. Hole for Strut Pole, 9m strut - Intermediate Soil
12. Hole for Strut Pole, 9m strut - Hard Soil
13. Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill
14. Hole for Pole, 1.5m x 405mm diameter - Rock Drill
15. Hole for Stay for 2m x 405mm diameter, round stay plate, 350mm - Rock Drill
Hole for Stay for 1.5m x 405mm diameter, round stay plate, 350mm - Rock Drill

Contractor

Witness 1

Witness 2

Employer

Witness 1

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B. Construction Work:

1. Dressing of 9m Wooden Poles, Strain and Terminal Structures for stringing conductors irrespective of conductor size

Including:

- i) 1 x Pig Tail Bolt Assembly 16mm x 350mm
- ii) 1 x Eye Nut, 16mm

2. Dressing of 9m Wooden Poles Intermediate for hanging conductors

Including:

- 1 x Pig Tail Bolt Assembly 16mm x 350mm

3. Installation of 9m Wooden Poles

Including:

- Backfilling and compaction

4. Installation of 9m Strut Pole

Including:

- i) 1 x L-Bracket
- ii) 4 x Threaded Rod Assemblies
- iii) Backfilling and compaction of Strut Pole Hole

5. Installation of Normal Stay

Including:

- i) 1 x Pole Top Make-off
- ii) 3 x Guy Grip Dead Ends
- iii) 1 x Stay Insulator
- iv) Stay Wire, 7 x 4mm
- v) 1 x Rope Thimble
- vi) 1 x Stay Rod, 1.5m x 12mm
- vii) 1 x Stay Plate, 450mm x 450mm
- viii) Backfilling and compaction of stay hole

6. Installation of Flying Stay

Including:

- i) 2 x Pole Top Make-off
 - ii) 6 x Guy Grip Dead Ends
 - iii) 2 x Stay Insulator
 - iv) 17m Stay Wire, 7 x 4mm
 - v) 1 x Rope Thimble
 - vi) 1 x Clevis Thimble
 - vii) 1 x Eye Bolt Assembly 20mm x 350mm
 - viii) 1 x Stay Rod, 1.5m x 12mm
 - ix) 1 x Stay Plate, 450mm x 450mm
 - x) Backfilling and compaction of Stay Hole
- Excluding: Installation of 9m pole measured elsewhere

7. Installation of a Rock Anchor

Including:

- i) 1x Pole Top Make-off
 - ii) 3 x Guy Grip Dead Ends
 - iii) 1 x Stay Insulator
 - iv) 10m Stay Wire, 7 x 4mm
 - v) 1 x Rope Thimble
 - vi) 1 x Rock Anchor Rod
- Excluding: Hole 1m x 32mm, measured elsewhere

C. Installation of Conductors:

Contractor

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Witness 2

Employer

Witness 1

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1. Aluminum or Copper Conductor of any size (running out and hook into pulleys)
2. ABC Conductor 3 x 70/95/120/150mm² + 1 x 54.6mm² + 1 x 25mm² or any variation hereof (running out and hook into pulleys)
3. **Termination of conductor at 9m pole, Terminal Structure, irrespective of conductor size**
Including:
 - i) 1 x initial tensioning of conductor
 - ii) 1 x tensioning with Dynamometer to specification
 - iii) 1 x Installation of ABC or other Strain Clamp
 - iv) 1 x Fixing of ABC or other end against pole, by means of 40mm PVC pipe, stainless steel straps and buckles
 - v) 1 x Installation of ABC end caps and bending ends of ABC upwards
4. **Termination of conductor at 9m Strain Pole, irrespective of conductor size and number of Spans**
Including:
 - i) 1 x initial tensioning of Conductor
 - ii) 1 x tensioning with Dynamometer to specification
 - iii) 2 x Installation of ABC or other Strain Clamps
 - iv) 5 x Installation of non-tension ferrules
 - v) 1 x making of jumper
5. **Suspension of conductor at 9m pole, Intermediate Structures, irrespective of conductor size**
Including:
 - i) 1 x Lifting conductor from pulley to Suspension Bracket
 - ii) 1 x Fixing conductor into Suspension Bracket, using 2 x cable ties
6. **ABC T-off, from ABC line, at 9m wooden Strain Structure**
Including:
 - i) 1 x Pig Tail Bolt Assembly 16mm x 350mm
 - ii) 1 x Installation of ABC Strain Clamp
 - iii) 6 x Installation of Piercing Connectors
 - iv) 1 x Fixing of ABC by means of Cable Ties
7. **ABC T-off, from open line, at 9m wooden Strain Structure**
Including:
 - i) 1 x Pig Tail Bolt Assembly 16mm x 350mm
 - ii) 1 x Installation of ABC Strain Clamp
 - iii) 6 x Installation of Line Tap Connectors
 - iv) 1 x Fixing of ABC by means of Cable Ties
8. **ABC T-off, from ABC line, at 9m steel Strain Structure**
Including:
 - i) 1 x Mounting Bracket CS-10 Aluminium
 - ii) 2m Stainless Steel Strap
 - iii) 2 x Stainless Steel Buckles
 - iv) 1 x Installation of ABC Strain Clamp
 - v) 6 x Installation of Piercing Connectors
 - vi) 1 x Fixing of ABC by means of Cable Ties
9. **ABC T-off, from open line, at 9m steel Strain Structure**
Including:
 - i) 1 x Mounting Bracket CS-10 Aluminium
 - ii) 2m Stainless Steel Strap
 - iii) 2 x Stainless Steel Buckles
 - iv) 1 x Installation of ABC Strain Clamp
 - v) 6 x Installation of Line Taps
10. **ABC T-off, from ABC line, at 9m wooden Intermediate Structure**
Including:
 - i) 1 x Pig Tail Bolt Assembly 16mm x 350mm
 - ii) 1 x Installation of ABC Strain Clamp

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Witness 1

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- iii) 6 x Installation of Piercing Connectors
- iv) 1 x Fixing of ABC by means of Cable Ties

11. ABC T-off, from open line, at 9m wooden Intermediate Structure Including:

- i) 1 x Pig Tail Bolt Assembly 16mm x 350mm
- ii) 1 x Installation of ABC Strain Clamp
- iii) 6 x Installation of Line Tap Connectors
- iv) 1 x Fixing of ABC by means of Cable Ties

12. ABC T-off, from ABC line, at 9m steel Intermediate Structure Including:

- i) 1 x Mounting Bracket CS-10 Aluminium
- ii) 2m Stainless Steel Strap
- iii) 2 x Stainless Steel Buckles
- iv) 1 x Installation of ABC Strain Clamp
- v) 6 x Installation of Piercing Connectors

Total: R.....

ITEM 10: Streetlights: Installation, maintenance and erection

A. Excavation Work:

1. Hole for Pole, 1.8m Soft Soil
2. Hole for Pole, 1.8m Intermediate Soil
3. Hole for Pole, 1.8m Hard Soil
4. Hole for Pole, 1.5m Soft Soil
5. Hole for Pole, 1.5m Intermediate Soil
6. Hole for Pole, 1.5m Hard Soil
7. Hole for Pole, 1m Soft Soil
8. Hole for Pole, 1m Intermediate Soil
9. Hole for Pole, 1m Hard Soil
10. Hole for Pole, 1.8m x 405mm diameter - Rock Drill / Compressor

B. Construction

1. Installation of 9 or 11m Streetlight Pole Including:

- i) Assembling of Pole
- ii) Installation of Luminaire
- iii) Installation of Circuit Breaker
- iv) Installation of Wiring between Luminaire and Circuit Breaker
- v) Installation of Lamp
- vi) Connection of Supply Cables
- vii) Backfilling and Compaction

2. Installation of 5m - 7m Streetlight Pole Including:

- i) Assembling of Pole
- ii) Installation of Luminaire
- iii) Installation of Circuit Breaker
- iv) Installation of Wiring between Luminaire and Circuit Breaker
- v) Installation of Lamp
- vi) Connection of Supply Cables
- vii) Backfilling and Compaction

3. Installation of Streetlight Cables

LV Cables, in trenches and through ducts, irrespective number of cores, Copper

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Or Aluminum, **Including:**

Installation of 1000V Cables, 10mm² - 25mm²

Installation of 1000V Cables, 35mm² - 50mm²

4. Assembling and installation of Streetlight Control Kiosk

Including:

Circuit Breakers, Contactors, Photo Cell, Connection of Cables

5. Removal of existing Streetlight Control Kiosk

Including:

- i) Digging out of Kiosk
- ii) Disconnection and removal of cables

- 6. Installation of Outreach Arm, on new or existing pole
- 7. Replacement of Luminaire on existing pole (wood or steel Pole)
- 8. Replacement of Internal Wiring, irrespective length of pole
- 9. Replacement of Lamp, irrespective length of pole and size of Luminaire
- 10. Replacement of Ballast, irrespective length of pole and size of Luminaire
- 11. Replacement of Lens, irrespective length of pole and size of Luminaire
- 12. Replacement of Circuit Breaker, irrespective length of pole and size of Luminaire.

ITEM 12: Erection of a 30m & 15m High Mast

A. Excavation Work:

- i) Excavation for Mast Foundation - Soft Soil
- ii) Excavation for Mast Foundation - Intermediate Soil
- iii) Excavation for Mast Foundation - Hard Soil

Including backfilling and compaction

- 1. Trenching 400mm x 750mm - Soft Soil
- 2. Trenching 400mm x 750mm - Intermediate Soil
- 3. Trenching 400mm x 750mm - Hard Soil

B. Form and Civil Work:

- 1. Casting of 25 MPA concrete for Mast Foundation, irrespective distance from Municipal Stores

Including:

- i) Delivery of Sand, Stone and Cement to Site
- ii) Mixing of Concrete
- iii) Casting of Concrete
- iv) Poking of Concrete
- v) Installation of reinforced Steel
- vi) Installation of Foundation Bolts
- vii) Installation of 110mm Bended Cable Sleeve
- viii) Installation of Foundation Earthing (4 x 1.5m Rods and 12m x 70mm² Copper)

C. Mechanical Construction & Maintenance Work of 30m Mast

- 1. Installation of 30m Mast, irrespective distance to Municipal Stores

Including:

- i) Transport Mast to Site
- ii) Assembling of Mast
- iii) Installation of Stainless Steel Cables
- iv) Installation of Electrical Cable
- v) Installation of Luminaire Ring Cage
- vi) Installation of Splitter Box

Excluding:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- i) Erection of Mast - measured elsewhere
 - ii) Hiring of Crane - measured elsewhere
2. Dismantling of 30m Mast for maintenance and safety reasons, irrespective distance to Municipal Stores

Including:

- i) De-assembling of Mast
- ii) Removal of Luminaire Cage Ring
- iii) Removal of Stainless Steel Cables
- iv) Removal of Electrical Cable
- v) Transport Mast from Site to Municipal Stores

Excluding:

- i) Lowering of Mast - measured elsewhere
- ii) Hiring of Crane - measured elsewhere

D. Electrical Construction & Maintenance Work of 30m Mast

1. Installation of Electrical Components on 30m Mast, irrespective number of Luminaires:

Including:

- i) Installation of Luminaires
- ii) Wiring of Luminaires
- iii) Connecting of Splitter Box
- iv) Installation of Distribution Board
- v) Connection of Supply Cable
- vi) Installation of Photo Cell
- vii) Alignment of Luminaires
- viii) Test and Commissioning and C.O.C

2. Removal of Electrical Components for maintenance and safety reasons, irrespective distance to Municipal Store

Including:

- i) Disconnection of Supply Cable
- ii) Removal of Distribution Board
- iii) Removal of Photo Cell
- iv) Removal of Luminaires - irrespective number of luminaires
- v) Removal of existing wiring
- vi) Removal of Splitter Box

E. Erection and lowering of 30m Mast

1. Erection of 30m Mast by means of 30-ton Crane

Including:

- i) Sling of Mast
- ii) Barricading of work area
- iii) Fastening of Foundation Nuts (2 per bolt)

Excluding:

- i) Hiring of Crane - measured elsewhere

2. Lowering of existing 30m Mast by means of 30-ton Crane

Including:

- i) Sling of Mast (using a man cage or rope for sling installation)
- ii) Barricading of work area
- iii) Loosening of Foundation Nuts
- iv) Lay down Mast on stands

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Excluding:

- i) Hiring of Crane - measured elsewhere
- ii) Transport of Mast to new Site

F. Mechanical Construction and Maintenance Work of 15m Mast

1. Installation of 15m Mast, irrespective distance to Municipal Stores

Including:

- i) Transport Mast to Site
- ii) Assembling of Mast
- iii) Installation of Stainless Steel Cables
- iv) Installation of Electrical Cable
- v) Installation of Luminaire Ring Cage
- vi) Installation of Splitter Box

Excluding:

- i) Erection of Mast - measured elsewhere
- ii) Hiring of Crane - measured elsewhere

2. Dismantling of 15m Mast for maintenance and safety reasons, irrespective distance to Municipal Stores

Including:

- i) De-assembling of Mast
- ii) Removal of Luminaire Cage Ring
- iii) Removal of Stainless Steel Cables
- iv) Removal of Electrical Cable
- v) Transport Mast from Site to Municipal Stores

Excluding:

- i) Lowering of Mast - measured elsewhere
- ii) Hiring of Crane - measured elsewhere

G. Electrical Construction and Maintenance Work of 15m Mast

1. Installation of Electrical Components on 15m Mast, irrespective number of Luminaires:

Including:

- i) Installation of Luminaires
- ii) Wiring of Luminaires
- iii) Connecting of Splitter Box
- iv) Installation of Distribution Board
- v) Connection of Supply Cable
- vi) Installation of Photo Cell
- vii) Alignment of Luminaires
- viii) Test and Commissioning and C.O.C

2. Removal of Electrical Components for maintenance and safety reasons, irrespective distance to Municipal Store

Including:

- i) Disconnection of Supply Cable
- ii) Removal of Distribution Board
- iii) Removal of Photo Cell
- iv) Removal of Luminaires - irrespective number of luminaires
- v) Removal of existing wiring Removal of Splitter Box

H. Erection and lowering of 15m Mast

1. Erection of 15m Mast by means of 30-ton Crane

Including:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- i) Sling of Mast
- ii) Barricading of work area
- iii) Fastening of Foundation Nuts (2 per bolt)

Excluding:
Hiring of Crane - measured elsewhere

2. Lowering of existing 15m Mast by means of 30-ton Crane

Including:

- i) Sling of Mast (using a man cage or rope for sling installation)
- ii) Barricading of work area
- iii) Loosening of Foundation Nuts
- iv) Lay down Mast on stands

Excluding:
i) Hiring of Crane - measured elsewhere Transport of Mast to new Site

I. Cabling

1. Installation of supply cable for Masts or Poles, irrespective of cable size normally (16mm² to 35mm² 4 core)

Including:

- i) Installation of Cable in trench
- ii) Casting of Concrete over cable for protection
- iii) Installation of 110mm PVC Sleeves or Galvanized Pipe
- iv) Installation of Cable into 110mm PVC Sleeve or Galvanized Pipe
- v) Installation of 300mm Warning Sheet
- vi) Backfilling and compaction

Excluding:
i) Trenching measured elsewhere

J. Hiring of Crane

1. Hiring of 30-ton Crane and Man Cage, with at least 35m working height (Tender price shall be for a 9 hour working day)

Including:

- i) Site Establishment
- ii) Hiring Rate
- iii) Crane Insurance
- iv) Load under hook Insurance

2. Hiring of Truck Mounted Crane with at least 17m working height

Including:

- i) Hiring Rate
- ii) Travelling Rate
- iii) Crane Insurance
- iv) Load under hook Insurance

ITEM 13: Annual Legislative Inspection & Certification on Masts

A. Annual Mast and Pole Inspection

1. MPI Test to be carried out by an authorised person

Including:

- i) Sandblasting of Mast or Pole bottom end
- ii) Inspection by authorised person
- iii) Welding of Mast or Pole, if necessary

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- iv) Re-inspection by authorised person after welding
- v) Retreating of Mast or Pole by using Zinc Spray
- vi) Issuing of Safety Certificate

B. Hiring of Crane

1. Hiring of 30-ton Crane and Man Cage, with at least 35m working height (Tender price shall be for a 9 hour working day)

Including:

- i) Site Establishment
- ii) Hiring Rate
- iii) Crane Insurance
- iv) Load under hook Insurance

2. Hiring of Truck Mounted Crane with at least 17m working height

Including:

- i) Hiring Rate
- ii) Travelling Rate
- iii) Crane Insurance

Total: R.....

ITEM 14: High Mast and Stadium Lights: Maintenance

A. General Maintenance on High Mast and Stadium, irrespective of distance to Municipal Stores

- i) Changing of Luminaires - 400W and LED (any size)
- ii) Changing of Luminaires - 1000W and 2000W

Including:

- i) Lowering and rising of Lamp Cage Ring (if applicable)
- ii) Installation of Winch (if applicable)

Excluding: Crane hire, measured elsewhere

- i) Changing of Lamps - 400W and LED (any size)
- ii) Changing of Lamps - 1000W and 2000W

Including:

- i) Lowering and rising of Lamp Cage Ring (if applicable)
- ii) Installation of Winch (if applicable)

Excluding: Crane hire, measured elsewhere

- i) Changing of Ballasts or control gear - 400W and LED
- ii) Changing of Ballasts - 1000W and 2000W

Including:

- i) Lowering and rising of Lamp Cage Ring (if applicable)
- ii) Installation of Winch (if applicable)

Excluding: Crane hire, measured elsewhere

- i) Changing of Lenses - 400W and LED
- ii) Changing of Lenses - 1000W and 2000W

Including:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- i) Lowering and rising of Lamp Cage Ring (if applicable)
- ii) Installation of Winch (if applicable)

ITEM 15: Mini-Substation Installation

A. Excavation and Formwork:

1. Digging out, 300mm deep, compact and backfill, 150mm with sub base, for foundation of Mini-Substation, irrespective kVA rating of Mini-Substation, normally 160kVA to 1000kVA
2. Installation of Foundation Mold and reinforced steel, irrespective kVA rating of Mini Substation, normally 160kVA to 1000Kva
3. Casting of 25 MPA concrete for Mini-Substation Foundation, irrespective distance from Municipal Stores

Including:

Delivery of Sand, Stone and Cement to Site, Mixing of Concrete, Casting of Concrete, Poking of Concrete, Installation of Foundation Earthing (4 x 1.2m 16mm Rods and 12m x 70mm² Copper)

B. Installation Work

1. Installation of Mini-Substation Collection of Mini-Substation at Victor Khanye Local Municipal Stores, transport to site and place on foundation, irrespective distance from Stores and kVA rating of Mini-Substation, normally 160kVA to 1000Kva

Including:

- i) Digging of trench 400mm wide x 500mm deep x 20m long for earthing, Irrespective soil conditions, MV and LV, Installation of trench earthing for Mini-Substation, MV or LV (4 x 1.2m 16mm Rods and 20m x 70mm² Copper), Test of Earthing and issuing of Certificate

Excluding:

Trenches for MV cables, Trenches for LV cables, Cable Terminations, MV and LV- all done by others

2. Removal of Mini-Substation

Remove Mini-Substation from plinth and transport to Victor Khanye Local Municipal Stores, irrespective distance from Stores and kVA rating of Mini-Substation, normally 160kVA to 1000kVA, Including: Disconnection of cables, MV and LV.

ITEM 16: Trenching and installation of cables

A. Excavation Work:

1. Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil
2. Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil
3. Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil
4. Digging of trenches by hand, 400mm Wide x 650mm Deep - Hard Soil, Compressor & Breaker

Including:

Installation of 150mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Material, all measured elsewhere.

5. Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil
6. Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil
7. Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil, pick able
8. Digging of trenches by hand, 400mm Wide x 850mm Deep - Hard Soil, Compressor & Breaker

Including:

Installation of 200mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoil Material, all measured Elsewhere

9. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Soft Soil
10. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Intermediate Soil
11. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil, pick able
12. Digging of trenches by hand, 600mm Wide x 1200mm Deep - Hard Soil, Compressor & Breaker

Including:

Installation of 200mm Deep Sand Bed, Installation of 200mm Deep Sand Blanket, Installation of 300mm Wide Warning Orange Cable Warning Sheet above blanket, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

13. Digging of Trenches by means of machine, 400mm Wide x 950mm Deep, irrespective of soil conditions, but limited to Soft Soil, Intermediate Soil, Hard Soil Pick able

Including:

Installation of 250mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

14. Digging of Trenches by means of machine, 600mm Wide x 1200mm Deep, irrespective of soil conditions, but limited to Soft Soil, Intermediate Soil, Hard Soil Pick able

Including:

Installation of 300mm Deep Sand Bed and Sand Blanket of 200mm, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

15. Removal of Tarmac
16. Removal of Concrete
17. Removal of Brick Paving
18. Removal of Base Course

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

19. Reinstatement of Tarmac
20. Reinstatement of Concrete
21. Reinstatement of Brick Paving
22. Reinstatement of Base Course
23. Removal and disposal of spoilt material, irrespective distance to Dumping Site
24. Transport to Site, irrespective of distance – Tarmac
25. Transport to Site, irrespective of distance – Concrete
26. Transport to Site, irrespective of distance - Brick Paving
27. Transport to Site, irrespective of distance - Base Course
28. Transport to Site, irrespective of distance – Sand
29. Transport to Site, irrespective of distance - Backfill Material

B. Installation of Cables

1. MV Cables, in trenches and through ducts, PILC or XLPE

- i) Installation of 11kV Cables, 35mm² - 50mm²
- ii) Installation of 11kV Cables, 70mm² - 95mm²
- iii) Installation of 11kV Cables, 120mm² - 185mm²
- iv) Installation of 11kV Cables, 240mm² - 500mm², including single core cables

Including:

Transport from Municipal Stores to Site, irrespective of distance

Excluding:

Sand Bedding, Installation of 300mm, Wide Warning Sheet, Backfilling and compaction, Installation of Ducts, Reinstatement of Tarmac, Concrete, Brick Paving and Base Course Termination, all measured elsewhere, and Jointing of Cables done by others

2. LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminum

- i) Installation of 1000V Cables, 1.5mm² - 16mm²
- ii) Installation of 1000V Cables, 25mm² - 70mm²
- iii) Installation of 1000V Cables, 95mm² - 150mm²
- iv) Installation of 1000V Cables, 185mm² - 240mm²
- v) Installation of 1000V Cables, single core cables, irrespective of size

Including:

Transport from Municipal Stores to Site, irrespective of distance, Termination and Jointing of Cables

Excluding:

Sand Bedding, Installation of 300mm, Wide Warning Sheet, Backfilling and compaction, Installation of Ducts, Reinstatement of Tarmac, Concrete, Brick Paving and Base Course Termination, all measured elsewhere, and Jointing of Cables done by others

3. Installation of Earth Conductor, in trenches and through ducts, irrespective size

Installation of covered conductor or BCEW, 16mm² to 70mm²

Including: Termination and Jointing of Earth Wires, irrespective of size

A. Transformer oil replacement

1. Site establishment and equipment deployment

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

2. Drain existing oil into container/s supplied by tenderer
3. Replace with virgin oil, oil filtration and purification per litre
4. Ensure correct functioning of all auxiliary/monitoring equipment and relays associated with the oil
5. Oil sampling and testing after completion with certification (SANS)
6. Site restoration (cleaning of oil spills, etc.)

ITEM 17: 11kV Oil Circuit breakers.

A. Breaker, Recloser, Sectionalized and Ring Main Units: Maintenance

(Indoor: Reyrolle, Alstom, – Outdoor: Schneider, Lucy

Lucy, GEC, Rey Rolle, Hawker Siddeley, etc.

1. Service mechanism and associated contact mechanisms, including control gear
2. Service and load test contacts
3. Repair oil or gas leaks
4. Repair all rusted items, zinc treat and respray
5. Repair/Replace of bushings and insulators
6. Site establishment fee
7. Visually inspect all bushings, spouts and cables
8. Visually/ physically inspect wiring and terminations for loose connections.
9. Lubricate moving parts and inspect for correct operation.
10. Pressure test bus bar.

ITEM 18: Mini-Substations, Transformers & RMU's: Mechanical Maintenance of 11/0.4Kv 200 to 500 KVA

A. Transformer and Tap Changer Maintenance:

Monthly Basis Maintenance of Transformer

1. Check tap changer position, functionality and contacts – replace if degraded
2. Replace breathers & silica gel + breather oil
3. Repair oil leaks
4. Repair all rusted items, zinc treat and respray complete
5. Earthing test
6. Do oil sample tests on main and OLTC tank and report on the following and not limited to:
 - i) Moisture
 - ii) Dielectric strength
 - iii) Acidity
 - iv) Furanic Analysis
 - v) Dissolved Gas
 - vi) PCB
7. Repair transformer cooling fins
8. Repair of all valves and sampling points
9. Clean/Repair/Replace of bushings and insulators
10. Re-tighten all Bolts & Nuts
11. Record all LV fuses/circuit breakers info and inspect functionality
12. Check/Repair/Replace all locking devices if need be

B. Ring Main Unit Maintenance

1. Replace the insulating oil or regas with SF6, if applicable, restore vacuum
2. Check load switch mechanisms and functionality, including control gear
3. Record Fuse sizes and relay settings and test fuses
4. Check and test Earth Fault Detection devices
5. Repair rust, clean, zinc treat and respray
6. Ensure that supports are firmly attached to the plinth
7. Test the Earthing and complete certificate
8. Site establishment

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ITEM 19: Mini-Substation On-Site Maintenance

All maintenance will be done while the units are in service as far as possible. Therefore, it is of utmost importance that an authorised or responsible person (ORHVS) must be on site at all times. This work will be performed under permit at all times.

A. Maintenance of Mini-Substations and Associated Equipment:

1. Open all covers of switchgears and panels.
2. All connections to be checked and correct torque values used for bolts.
3. Pressure test bus bars
4. Do injection test and proof relay
5. Inspect bus bar and connections for loose connections
6. Inspect terminations
7. Check all control connections
8. Test open/ close function
9. Check up and down racking on switches
10. Check all CT's and connections
11. Check 220V DB
12. Check 220V circuits and lights
13. Test BTU functions
14. Check battery water level of BTU and clean BTU.
15. Check for first Aid kit to be in vicinity

B. Maintenance of Area in and Around Mini-Substation and Associated Equipment:

1. Labour rate: cleaning of an area of 1 metre all around the equipment.
2. Labour rate: Removal of trees or shrubs cleared from the 1 metre area.
3. Labour rate: cleaning and removing pests and the effects of their presence, including long lasting control.

C. Site establishment:

1. Site establishment (Transport and accommodation to Victor Khanye Local Municipal Area)

ITEM 20: Electrical Pole Refurbishment

A. Refurbishment of poles, irrespective of length.

All refurbishment materials and equipment to be supplied by the Tenderer.
Elevated work to be carried out with an Aerial Platform or equivalent device only (no ladders or scaffolding will be allowed).

1. Steel poles
 - i) Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners
 - ii) Remove rust spots and treat with Zinc Galvanizes
 - iii) Respray/repaint treated areas with Galvanizes spray/paint
 - iv) Repair/Replace inspection cover plates (new bolts)
2. Fiber glass poles
 - i) Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners
 - ii) Repair badly degraded, cracks or damaged spots and repair with glass fibre based product
 - iii) Respray/repaint treated areas with fibre glass compatible matching spray/paint
 - iv) Repair/Replace inspection cover plates (new bolts)
3. Concrete poles

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- i) Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners
 - ii) Repair badly degraded or damaged spots and treat with cement-based product
 - iii) Respray/repaint treated areas with a matching color spray/paint
 - iv) Repair/Replace inspection cover plates (new bolts)
4. Wooden poles
- i) Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners
 - ii) Repair badly degraded or rot damaged spots and treat with creosote-based product
 - iii) Treat and Fill all unused holes on the pole with creosote-based product
 - iv) Respray/repaint treated areas with a creosote compatible spray/paint

B. Site establishment

1. Site Establishment

ITEM 21: Under road drilling/boring - horizontal

A. Horizontal drilling/boring under public roads, roadways, rails, buildings, etc.

Tenderer must supply own boring/drilling equipment and sleeves. Water will be supplied by Council. Council will prepare/excavate the site entry and exit points. Bentonite removal will be for tenderer's account as and when required to a Municipal site.

1. 2 x 110mm, One Site, per meter
2. 3 x 110mm, One Site, per meter
3. 4 x 110mm, Two Sites, per meter
4. 6 x 110mm, Three Sites, per meter
5. 2 x 160mm, One Site, per meter
6. 3 x 160mm, One Site, per meter
7. 4 x 160mm, Two Sites, per meter
8. 6 x 160mm, Three Sites, per metre
9. Bud weld (160mm)
10. Drill rig setup
11. Site establishment

ITEM 22: Electrical Certificate of Compliance Testing

A. Certificate of Compliance Testing (COC) on all municipal facilities and buildings. Tenderer must be registered with the Department of Labour and must fully comply with legislation, SANS 10142-1. Original and sequentially numbered certificates to be submitted. No copies or same numbered certificates will be accepted.

1. Offices
 - i) Tender per Distribution Board
 - ii) Tender per room – irrespective of size
 - iii) Repairs not to be included in the tender
 - iv) Parts and material not to be included in the tender
2. Houses and Chalets
 - i) Tender per house
3. Halls and Civic Centers
 - i) Tender per Distribution Board
 - ii) Tender per area
 - iii) Repairs not to be included in the tender
 - iv) Parts and material not to be included in the tender

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

4. Resorts
 - i) Tender per Caravan Box – irrespective of size
 - ii) Tender per Ablution Block
5. Certificate of Compliance
 - i) Issue and submit original document

ITEM 23: Electrical Marking & Earth Leakage Testing: Municipal Buildings

Certificate of Compliance Testing (COC) on all municipal facilities and buildings. Tenderer must be registered with the Department of Labour (ECB) and must fully comply with legislation, SANS 10142-1. Original and sequentially numbered certificates to be submitted. No copies or same numbered certificates will be accepted.

A. Distribution Boards

Mark and Labelling of all the Distribution boards in the Municipal buildings and Municipal sites within the Delmas area.

- i) Mark and Labelling of all the Distribution boards in the building
- ii) Mark and labelling of all outgoing circuits from the Distribution Boards
- iii) Complete checklist and deviations for each Distribution board

B. Plug Sockets

Mark and labelling of all the plug circuits in the Municipal buildings and Municipal sites within the Delmas area.

- i) Mark and labelling of all the plug circuits in the building
- ii) Test of all plug sockets with earth leakage tester according the SANS 10142-1 regulations
- iii) Complete checklist and deviations for each Plug socket

C. Earth Leakage Units

Testing of Earth Leakage units in the Municipal buildings and Municipal sites within the Delmas area.

- i) Mark and labelling of all Earth Leakage units in the Distribution Boards
- ii) Test of all Earth Leakage units through the plug sockets with earth leakage tester according the SANS 10142-1 Testing and certification (COC) regulations.
- iii) Complete checklist and deviations for each Earth Leakage.

ITEM 24: Electrical Work LV with Certificate of Compliance Testing

A. Repairs and Extensions to existing installations with Certificate of Compliance Testing (COC) on all municipal facilities. Tenderer must be registered with the Department of Labour (ECB) and must fully comply with I legislation, SANS 10142-1. Original and sequentially numbered certificates to be submitted. No copies or same numbered certificates will be accepted. Only SABS (SANS) approved techniques shall be used.

1. Plug circuit extension (suffix or drawn wires) – install
2. Plug circuit fault finding and repair
3. Light circuit extension (suffix or drawn wires) – install
4. Light circuit fault finding and repair
5. Geyser circuit (surface, wall or skirt mounted) – install
6. Geyser circuit fault finding and repair
7. Sub DB with feeder circuit extension single rail – install
8. Sub DB with feeder circuit extension double rail – install
9. New AC circuit (surface, wall or skirt mounted – suffix or drawn wires) with disconnect

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

10. Replace Earth Leakage Unit, MCB, LCR, etc.
11. Replace Geyser element
12. Replace Geyser thermostat
13. Replace plug – single or double
14. Replace light and luminaire fittings – normal height
15. Replace light and luminaire fittings – abnormal height (halls) – Council will supply lifting equipment
16. New telecommunications point
17. Connection of single and three phase stoves
18. Earth and Earth Resistance testing with certificate

ITEM 25: Anti-vandalism work

Installation of Anti-vandalism methods to prevent cable losses

A. Cable covering by means of concrete slabs or any other hold-down method

1. Opening of trench for new cable
2. Laying the cable in a sand bed
3. Covering the cable with sand and concrete slabs or other equipment/material
4. Backfilling the trench

B. Placing the cable in steel pipe and filling the pipe with cement

1. Secure steel pipe to pole, wall or lay in ground
2. Install cable and fill with cement
3. Build plinth around foot of pole (wall and pole mount)

C. Cement blocks or any other equipment/material over cable

1. Build cement structure over cable and fill with cement

D. Installation of other anti-vandalism devices

1. Install council approved devices over/onto cable by means of brackets and tie-downs

CONSTRUCTION CONSTRAINTS

Existing equipment are in service and can only be removed under a shutdown of maximum 9 hours, except for units which can be taken out of service for short periods. The adaptation of the existing plinth/s and support structure are to be included in the scope of works, including anchor bolts, mountings, base frames, etc. All civil works (adaptation of plinths) and supporting structures are for the tenderer's account, including mounting bolts, mountings, bolts and nuts, etc.

All wiring and cable works needed to make the switches fully functional are for the tenderer's account, including earthing requirements, modified panel and mechanism box wiring, conductor and bus bar modifications and extensions.

The use of hydraulic cranes or overhead lifting equipment will be limited or restricted, due to the area of construction being in a live area

1. Dismantling and Removal all 3 phases
2. Preparation and modification of the existing plinth for new equipment
3. New plinth, including mounting rods and any other steel/earthing requirements
4. Preparation and modification of the existing steel structure for new equipment
5. Installation and commissioning (including new cabling)
6. Commissioning and test certificates for all new equipment commissioned, as well as existing equipment which forms part of the equipment replaced

A. Outdoor breakers or motorized blade switches

1. Dismantling and Removal all 3 phases
2. Preparation and modification of the existing plinth for new equipment
3. Preparation and modification of the existing steel structure for new equipment

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

4. Installation and commissioning (including new cabling)

B. Voltage and current transformers

1. Dismantling and Removal all 3 phases
2. Preparation and modification of the existing steel structure for new equipment
3. Installation and commissioning (including new cabling)

ITEM 26: Trenching and installation of cables

A. Excavation Work:

1. Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil
2. Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil
3. Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil
4. Digging of trenches by hand, 400mm Wide x 650mm Deep - Hard Soil, Compressor & Breaker

Including:

Installation of 150mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet/Tape, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

5. Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil
6. Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil
7. Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil, pick able
8. Digging of trenches by hand, 400mm Wide x 850mm Deep - Hard Soil, Compressor & Breaker

Including:

Installation of 200mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

9. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Soft Soil
10. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Intermediate Soil
11. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil, pick able
12. Digging of trenches by hand, 600mm Wide x 1200mm Deep - Hard Soil, Compressor & Breaker

Including:

Installation of 200mm Deep Sand Bed, Installation of 200mm Deep Sand Blanket, Installation of 300mm Wide Warning Orange Cable Warning Sheet above blanket, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

13. Digging of Trenches by means of machine, 400mm Wide x 950mm Deep, irrespective of soil conditions, but limited to Soft Soil, Intermediate Soil, Hard Soil Pick able

Including:

Installation of 250mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

14. Digging of Trenches by means of machine, 600mm Wide x 1200mm Deep, irrespective of soil conditions, but limited to Soft Soil, Intermediate Soil, Hard Soil Pick able

Including:

Installation of 300mm Deep Sand Bed and Sand Blanket of 200mm, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoil material, all measured elsewhere

15. Removal of Tarmac
16. Removal of Concrete
17. Removal of Brick Paving
18. Removal of Base Course
19. Reinstatement of Tarmac
20. Reinstatement of Concrete
21. Reinstatement of Brick Paving
22. Reinstatement of Base Course
23. Removal and disposal of spoilt material, irrespective distance to Dumping Site
24. Transport to Site, irrespective of distance – Tarmac
25. Transport to Site, irrespective of distance – Concrete
26. Transport to Site, irrespective of distance - Brick Paving
27. Transport to Site, irrespective of distance - Base Course
28. Transport to Site, irrespective of distance – Sand
29. Transport to Site, irrespective of distance - Backfill Material

B. Installation of Cables:

1. MV Cables, in trenches and through ducts, PILC or XLPE
 - i) Installation of 11kV Cables, 35mm² - 50mm²
 - ii) Installation of 11kV Cables, 70mm² - 95mm²
 - iii) Installation of 11kV Cables, 120mm² - 185mm²
 - iv) Installation of 11kV Cables, 240mm² - 500mm², including single core cables

Including:

Transport from Municipal Stores to Site, irrespective of distance

Excluding:

Sand Bedding, Installation of 300mm, Wide Warning Sheet, Backfilling and compaction, Installation of Ducts, Reinstatement of Tarmac, Concrete, Brick Paving and Base Course Termination, all measured elsewhere, and Jointing of Cables done by others

2. LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminum
 - i) Installation of 1000V Cables, 1.5mm² - 16mm²
 - ii) Installation of 1000V Cables, 25mm² - 70mm²
 - iii) Installation of 1000V Cables, 95mm² - 150mm²
 - iv) Installation of 1000V Cables, 185mm² - 240mm²
 - v) Installation of 1000V Cables, single core cables, irrespective of size

Including:

Transport from Municipal Stores to Site, irrespective of distance, Termination and Jointing of Cables

Excluding:

Sand Bedding, Installation of 300mm, Wide Warning Sheet, Backfilling and compaction, Installation of Ducts, Reinstatement of Tarmac, Concrete, Brick Paving and Base Course Termination, all measured elsewhere, and Jointing of Cables done by others

3. Installation of Earth Conductor, in trenches and through ducts, irrespective size

Installation of covered conductor or BCEW, 16mm² to 70mm²

Including:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Termination and Jointing of Earth Wires, irrespective of size

C. Installation of Ducts

1. Installation of 110mm PVC Sleeves - in ground
2. Installation of 160mm PVC Sleeves - in ground
3. Installation of 25/40/50mm Galvanized Conduit - against poles or walls

PRICING SCHEDULE

PRICING INSTRUCTIONS

- a) These pricing instructions provide the Tenderer with guidelines and requirements with regard to the completion of the Pricing Schedule. These pricing instructions also describe the criteria and assumptions, which will be assumed in the Contract to have been taken into account by the Tenderer when developing his prices.
- b) The Pricing Schedule shall be read with all the documents, which form part of this Contract.
- c) The following words have the meaning hereby assigned to them:

Unit	The Unit of measurement for each item of work in terms of the Scope of Work.
Rate	The payment per unit of work at which the tenderer tenders to do the work.

- d) The rates to be inserted in the Pricing Schedule are to be full inclusive for the work described under the several items. Such rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based, as well as overhead charges and profit.
- e) A rate is to be entered against each item in the Schedule of Fees and Disbursements. An item against which no rate is entered will be accepted as a rate of nil having been entered against such items and covered by the other prices or rates in the schedule.
- f) All rates and sums of money quoted in the Pricing Schedule shall be in Rands and whole cents. Fractions of a cent shall be discarded.
- g) Bidders are required to indicate a total bid price based on the labour rates below:

ITEM 1: Customer Notifications

A Consumer Notifications (Interruptions)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

1. Notification to Consumers, in the form of printed notices to the post box/front door one week in advance of a planned shutdown. Notices will be supplied by the Municipality

ITEM 2: Distribution of electrical Kiosk

A Civil Works:

Description	First year	Second year	Third year
1. Removal of Tarmac			
2. Removal of Concrete			
3. Removal of Brick Paving			
4. Removal of Soil			
5. Reinstate of Tarmac			
6. Reinstate of Concrete 15MPA			
7. Reinstate of Brick Paving			
8. Reinstate of Soil			

B Construction Work

1. **Removal of existing Kiosk (4, 6, 9 or 12 way) Including:**
Pre-photo of existing kiosk, Marking of Breakers and cables, Marking of Meters, Dead Testing, Disconnection of Cables, Removal of existing Kiosk and Base, Delivery of old kiosk to Municipal Stores

2. **Removal of existing Kiosk Base (Concrete or other) Including:**
Demolition and removal of concrete base, restoring of area, including back filling and compaction, Delivery of base to Municipal Stores

3. **Installation of New Kiosk (4 - 12 Way) Including:**
Collecting of materials at Municipal Stores, Connection of Supply Cables on Bus Bars, Installation of Breakers, Installation of Meters, Connection

of Consumer Cables on Breakers and/or Meters and sleeving of all bare conductors with heat shrinkable sleeving, Switching on to the status before shutdown and post-photo.

4. **Removal of existing Bundle Box (4, 6, 9 or 12 way) Including:**
Pre-photo, Marking of Cables, Breakers, Meters, Dead Testing, Disconnection of Cables,

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Removal of existing Box, Delivery of box to Municipal Stores

5. Installation of New Bundle Box (AP1 or AP2) Including:

Collecting of materials at Municipal Stores, Connection of Supply Cables on Breakers and Bars, Installation of Breakers and Meters and sleeving of all bare conductors with heat shrink sleeving, Connection of Consumer Cables on Breakers and/or Meters, Switching on and post-photo

Total: R.....

ITEM 3: 11kV Cable Jointing and Termination [XLPE, PILE & PILC]

Activities:

Excavation Work:

E. Digging of Joint Bay or Trenches in

Description	First year	Second year	Third year
Tarmac			
Concrete			
Brick Paving			
Base Course			
Soft Soil			
Intermediate Soil			
Hard Soil			

F. Reinstate of Joint Bay or Trenches to original compaction and finish

Description	First year	Second year	Third year
Tarmac			
Concrete			
Brick Paving			
Base Course			
Soft Soil			
Intermediate Soil			
Hard Soil			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

G. Cable Joints 11Kv

Description	First year	Second year	Third year
Heat Shrink Straight Joint, 16mm ² - 70mm ²			
Heat Shrink Straight Joint, 95mm ² - 150mm ²			
Heat Shrink Straight Joint, 185mm ² - 300mm ²			
Heat Shrink Straight Joint, 300mm ² - 500/600mm ² single core per core			

H. Cable Terminations 11Kv**Indoor Termination (Heat Shrink) Including:**

Description	First year	Second year	Third year
Installation of securing devices			
Installation of Lugs			
Reconnection of Termination onto Switchgear Installation of Flexible Boots 16mm ² - 70mm ² 95mm ² - 150mm ² 185mm ² - 300mm ² 300mm ² - 500/600mm ² single core per core			

Outdoor Terminations (Heat Shrink) Including:

Description	First year	Second year	Third year
Removal of existing cable from pole or switchgear			
Strapping of cable against pole, irrespective of Cable size			
Installation of Earthing Kit			
Installation of Lugs			
Reconnection of Termination onto Fuses or Terminal Post 16mm ² - 70mm ² 95mm ² - 150mm ² 185mm ² - 300mm ² 8 300mm ² - 500/600mm ² single core per core			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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Total: R.....

ITEM 4: Erection and Maintenance: 11kV Overhead Lines

Activities:

A. Excavation Work:

All dimensions on holes shall be tendered on depth PLUS 200mm

Description	First year	Second year	Third year
Hole for Pole, 1.8m Soft Soil			
Hole for Pole, 1.8m Intermediate Soil			
Hole for Pole, 1.8m Hard Soil			
Hole for Pole, 1.8m Hard Soil			
Hole for Pole, 1.5m Soft Soil			
Hole for Pole, 1.5m Intermediate Soil			
Hole for Pole, 1.5m Hard Soil			
Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Soft Soil			
Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Intermediate Soil			
Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Hard Soil			
Hole for Strut Pole, 9 & 11m strut - Soft Soil			
Hole for Strut Pole, 9 &			

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Contractor

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Witness 1

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Witness 2

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Employer

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Witness 1

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Witness 2

11m strut - Intermediate Soil			
Hole for Strut Pole, 9 & 11m strut - Hard Soil			
Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill			
Hole for Pole, 1.8m x 405mm diameter - Rock Drill			
Hole for Peg Pole 1.5m x 405mm diameter - Rock Drill			
Hole for Stay for 2m x 405mm diameter, round stay plate, 350mm – Rock Drill			

B Construction Work:

14. Dressing of 11m Wooden Poles with A-frame, Strain and Terminal Structures Including:

- iv) 2 x Threaded Rod Assemblies, 20mm x 350mm
- v) 10m x Stay Wire, 7 x 4mm (for earthing)
- vi) 10 x U-nails (for fastening 7 x 4mm wire)

15. Dressing of 11m Wooden Poles with A-frame, Intermediate Structures Including:

- iv) 2 x Threaded Rod Assemblies, 20mm x 350mm
- v) 10m x Stay Wire, 7 x 4mm (for earthing)
- vi) 10 x U-nails (for fastening 7 x 4mm wire)

16. Dressing of 11m Wooden Poles with Strain Cross Arm Including:

- iii) 2 x Threaded Rod Assemblies, 20mm x 350mm
- iv) 1 x Bonding Clip

17. Dressing of 11m Terminal Structure, with Insulators Including:

- iv) 3 x D-shackles
- v) 3 x Long Rod Insulators, 22Kv
- vi) 3 x Clevis Thimbles

Excluding:

- ii) A-frame - measured elsewhere

18. Dressing of 11m Strain Structure, with Insulators Including:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

6 x D-shackles, 6 x Long Rod Insulators, 6 x Clevis Thimbles

Excluding:

- ii) A-frame - measured elsewhere

19. Dressing of Strain Cross-arm, T-off from 11m Intermediate, with Insulators Including:

3 x D-shackles, 3 x Long Rod Insulators, 11 or 22Kv, 3 x Clevis Thimbles, 3 x Dead Ends, 2 x Line Post Insulators (Jumper support), 2 x 50mm Spindles (Jumper support), 2 x Wrap Lock Ties (Jumper support)

Excluding:

- ii) Strain Cross Arms measured elsewhere

20. Dressing of 11m Intermediate Structure, with Insulators

Including:

- iii) 3 x Line Post Insulators, 11 or 22Kv
iv) 3 x Spindles, 50mm

21. Installation of 11m Wooden Poles (Terminal, Strain and Intermediate)

Including:

- ii) Backfilling and compaction

22. Installation of 9m Wooden Poles

Including:

- ii) Backfilling and compaction

23. Installation of 9 or 11m Strut Pole

Including:

- iv) 1 x L-Bracket
v) 4 x Threaded Rod Assemblies 20mm x 350mm
vi) Backfilling and compaction of Strut Hole

24. Installation of Normal Stay

Including:

Description	First year	Second year	Third year
1 x Pole Top Make-off			
3 x Guy Grip Dead Ends			
1 x Stay Insulator			
10m Stay Wire, 7 x 4mm			
1 x Rope Thimble			
1 x Stay Rod 2m x 20mm			
1 x Stay Plate, 450mm x 450mm			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Backfilling and compaction of stay hole			
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Including:

Description	First year	Second year	Third year
2 x Pole Top Make-off			
6 x Guy Grip Dead Ends			
2x Stay Insulator			
17m Stay Wire, 7 x 4mm			
1 x Rope Thimble			
1 x Stay Rod 2m x 20mm			
1 x Stay Plate, 450mm x 450mm			
Backfilling and compaction of stay hole			
Installation of 9m pole measured elsewhere.			

25. Installation of Rock Anchor

Including:

Description	First year	Second year	Third year
2 x Pole Top Make-off			
3x Guy Grip Dead Ends			
1`x Stay Insulator			
10m Stay Wire, 7 x 4mm			
1 x Rope Thimble			
1 x Stay Rod 2m x 20mm			
1 x Stay Plate, 450mm x 450mm			
1 x Rock Anchor Rod			
Hole 1m x 32mm, measured elsewhere			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

26. Installation of Drop-out Fuses**Including:**

Description	First year	Second year	Third year
3 x L-Brackets			
3 x Fuse Insulators			
3 x Fuse Tubes or Solid Links			
3 x Connections to lines or transformer bushings			
3 x Fuse Elements			

C. Installation of Conductors:

7. Fir/Pine Conductor (running out and hook into pulleys)
8. Oak/Ash Conductor (running out and hook into pulleys)
9. Termination of Conductor on 11m A-frame, Terminal Structure, irrespective of conductor size and Span lengths

Including:

Description	First year	Second year	Third year
3 x initial tensioning of Conductor			
3 x tensioning with Dynamometer to specification			
3 x Installation of Dead Ends			
3 x Installation of droppers onto fuses or transformers			

10. Termination of Conductor on 11m A-framed pole, Strain Structure**Including:**

Description	First year	Second year	Third year
3 x initial tensioning of Conductor			
3 x tensioning with Dynamometer to specification			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

3 x Installation of Dead Ends			
3 x Installation of jumper			
3 x Installation of non-tension crimps 3 x Installation of non-tension crimps			
3 x Line Post Insulators (Jumper support)			
3 x Spindles, 50mm (Jumper support)			
3 x Wrap Lock Ties (Jumper support)			

11. Binding of Conductors, on 11m Intermediate A-framed pole Structures Including:

Description	First year	Second year	Third year
3 x Lifting Conductor from pulley to Line Post Insulator			
3 x Installation of Rubber Tube underneath Conductor			
3 x Installation of Wrap Lock Ties			

12. Installation of Spiral or other Vibration Dampers, irrespective conductor size

D. Installation of Transformer:

8. Installation of pole mounted transformer irrespective of kVA rating 16-200kVA Including:

Description	First year	Second year	Third year
4 x Threaded Rod Assemblies 20mm x 450mm			
2 x Transformer Brackets			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

**9. Installation of transformer on a platform, irrespective of kVA rating 16 – 400kVA
Including:**

Description	First year	Second year	Third year
1 x Platform			
8 x Threaded Rod Assemblies 20mm x 450mm			
2 x Cross Bars 76mm x 38mm (for transformer hold-down)			
1 x Support Pole 9m			

**10. Installation of transformer on a 4- Pole Structure, irrespective of kVA rating 160 - 500kVA
Including:**

Description	First year	Second year	Third year
4 x Channels, 2.2m long, 55mm x 100mm			
4 x Threaded Rod Assemblies 20mm x 450mm			
4 x Threaded Rod Assemblies 20mm x 350mm			
4 x Bolts 20mm x 50mm (Transformer Hold-down)			
4 x Support Pole 9m			

**11. Installation of 12kV Surge Arresters
Including:**

Description	First year	Second year	Third year
3 x Surge Arresters			
3 x Bolts, 12mm x 50mm			
3 x Connection of earthing to transformer body and earth			
3 x Connections between transformer bushings and arresters			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

3 x Twisted Lug Bolts (for connection of droppers onto transformer bushings)			

12. Installation of all Earthing at Transformer Station

Including:

Description	First year	Second year	Third year
11m Insulated Earth Wire, 16mm ² and/or 35mm ² bare copper			
1 x Earth Rods, 1.5m or earth mats			
3m Galvanized Conduit, 20mm			
15m Bare Copper Earth Wire, 16 or 35mm ²			
2 x Earth Rod Clamps			
1 x Lug 16mm ² x 12mm			
5m Stainless Steel Strapping and 5 x Stainless Steel Buckles			
1 x Earth Resistant Test (Reading must be lower than 20Ω)			

13. Installation of LV Earthing at Transformer Station

Including:

Description	First year	Second year	Third year
1 x Surge Arrester, 6kV			
Connection between 6kV Arrester and Neutral bushing of transformer			
8m Insulated Earth Wire, 16mm ²			
1 x Earth Rods, 1.5m or earth mat			
1m Galvanized Conduit, 20mm			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

15m Bare Copper Earth Wire, 16 or 35mm ²			
4 x Earth Rod Clamps			
1 x Lug 16mm ² x 10mm			
5m Stainless Steel Strapping and 5 x Stainless Steel Buckles			
1 x Earth Resistant Test (Reading must be lower than 10Ω)			

14. Installation of Meter Box at Transformer Station Including:

Description	First year	Second year	Third year
Fixing of Meter Box to pole			
7m x Cable 4 core between bushings and Meter Box, irrespective of cable size			
1 x Break-out Boot (Heat Shrink)			
4 x Lugs, irrespective of size			
1 x Cable Gland, irrespective of size			
5m x Stainless Strap and 5 x Stainless Steel Buckles			

Total: R.....

ITEM 5: Demolition: Power Lines (HV, MV and LV)

B. Demolishing of Existing Power Lines:

5. Removal of steel or wooden poles irrespective of length

Including:

- iv) Cutting of poles more than 300mm beneath ground level
- v) Removal of Cross Arm, Stays and Insulators
- vi) Transport and Offloading at Victor Khanye Local Municipal Stores, irrespective of distance.

6. Removal of stays

Including:

- iii) Cutting of Stay Rods more than 300mm beneath ground level
- iv) Transport and Offloading at Victor Khanye Local Municipal Stores, irrespective of distance.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

7. Removal of all three Conductors, irrespective of size, type of conductor and distance between poles (pole to pole)

Including:

- iii) Measured and coiled
- iv) Transport and Offloading at Victor Khanye Local Municipal Stores, irrespective of distance

8. Removal of Transformers, irrespective of size

Including:

- iv) Removal from structure
- v) Safe handling of transformer (for re-use)
- vi) Transport and Offloading at Victor Khanye Local Municipal Stores, irrespective of distance.

Total: R.....

ITEM 6: Erection and maintenance of LV Overhead Lines

Includes ABC, Copper and Aluminum conductor

Activities

D. Excavation Work:

Description	First year	Second year	Third year
Hole for Pole, 1.5m Soft Soil			
Hole for Pole, 1.5m Intermediate Soil			
Hole for Pole, 1.5m Hard Soil			
Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Soft Soil			
Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Intermediate Soil			
Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Hard Soil			
Hole for Stay, 1.5m x 12mm stay rod, 450mm x 450mm stay plate - Intermediate Soil			
Hole for Stay, 1.5m x 12mm stay rod, 450mm x 450mm stay plate - Hard Soil			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Hole for Strut Pole, 9m strut - Soft Soil			
Hole for Strut Pole, 9m strut - Intermediate Soil Hole for Strut Pole, 9m strut - Hard Soil			
Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill			
Hole for Pole, 1.5m x 405mm diameter - Rock Drill			
Hole for Stay for 2m x 405mm diameter, round stay plate, 350mm - Rock Drill			
Hole for Stay for 1.5m x 405mm diameter, round stay plate, 350mm - Rock Drill			

E.

F. Construction Work:

8. Dressing of 9m Wooden Poles, Strain and Terminal Structures for stringing conductors irrespective of conductor size Including:

Description	First year	Second year	Third year
1 x Pig Tail Bolt Assembly 16mm x 350mm			
1 x Eye Nut, 16mm			

9. Dressing of 9m Wooden Poles Intermediate for hanging conductors Including:

Description	First year	Second year	Third year
1 x Pig Tail Bolt Assembly 16mm x 350mm			

10. Installation of 9m Wooden Poles

Including:

Backfilling and compaction

11. Installation of 9m Strut Pole

Including:

Description	First year	Second	Third year
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Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

		year	
1 x L-Bracket			
4 x Threaded Rod Assemblies			
Backfilling and compaction of Strut Pole Hole			

12. Installation of Normal Stay Including:

Description	First year	Second year	Third year
1 x Pole Top Make-off			
3 x Guy Grip Dead Ends			
1 x Stay Insulator			
Stay Wire, 7 x 4mm			
1 x Rope Thimble			
1 x Stay Rod, 1.5m x 12mm			
1 x Stay Plate, 450mm x 450mm			
Backfilling and compaction of stay hole			

13. Installation of Flying Stay Including:

Description	First year	Second year	Third year
2 x Pole Top Make-off			
6 x Guy Grip Dead Ends			
2 x Stay Insulator			
17m Stay Wire, 7 x 4mm			
1 x Rope Thimble			
1 x Clevis Thimble			
1 x Eye Bolt Assembly 20mm x 350mm			
1 x Stay Rod, 1.5m x 12mm			
1 x Stay Plate, 450mm x 450mm			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Backfilling and compaction of Stay Hole Excluding: Installation of 9m pole measured elsewhere			
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14. Installation of a Rock Anchor

Including:

Description	First year	Second year	Third year
1x Pole Top Make-off			
3 x Guy Grip Dead Ends			
1 x Stay Insulator			
10m Stay Wire, 7 x 4mm			
1 x Rope Thimble			
1 x Rock Anchor Rod Excluding: Hole 1m x 32mm, measured elsewhere			

G. Installation of Conductors:

13. Aluminum or Copper Conductor of any size (running out and hook into pulleys)

14. ABC Conductor 3 x 70/95/120/150mm² + 1 x 54.6mm² + 1 x 25mm² or any variation hereof (running out and hook into pulleys)

15. Termination of conductor at 9m pole, Terminal Structure, irrespective of conductor size

Including:

Description	First year	Second year	Third year
1 x initial tensioning of conductor			
1 x tensioning with Dynamometer to specification			
1 x Installation of ABC or other Strain Clamp			
1 x Fixing of ABC or other end against pole, by means of 40mm PVC pipe, stainless steel straps and buckles			
1 x Installation of ABC end caps and bending ends of ABC upwards			

16. Termination of conductor at 9m Strain Pole, irrespective of conductor size and number of Spans

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Including:

Description	First year	Second year	Third year
1 x initial tensioning of Conductor			
1 x tensioning with Dynamometer to specification			
2 x Installation of ABC or other Strain Clamps			
5 x Installation of non-tension ferrules			
1 x making of jumper			

17. Suspension of conductor at 9m pole, Intermediate Structures, irrespective of conductor size**Including:**

- iii) 1 x Lifting conductor from pulley to Suspension Bracket
- iv) 1 x Fixing conductor into Suspension Bracket, using 2 x cable ties

18. ABC T-off, from ABC line, at 9m wooden Strain Structure**Including:**

Description	First year	Second year	Third year
1 x Pig Tail Bolt Assembly 16mm x 350mm			
1 x Installation of ABC Strain Clamp			
6 x Installation of Piercing Connectors			
1 x Fixing of ABC by means of Cable Ties			

19. ABC T-off, from open line, at 9m wooden Strain Structure**Including:**

Description	First year	Second year	Third year
1 x Pig Tail Bolt Assembly 16mm x 350mm			
1 x Installation of ABC Strain Clamp			
6 x Installation of Line Tap Connectors			
1 x Fixing of ABC by means of			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Cable Ties			
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20. ABC T-off, from ABC line, at 9m steel Strain Structure

Including:

Description	First year	Second year	Third year
1 x Mounting Bracket CS-10 Aluminium			
2m Stainless Steel Strap			
2 x Stainless Steel Buckles			
1 x Installation of ABC Strain Clamp			
6 x Installation of Piercing Connectors			
1 x Fixing of ABC by means of Cable Ties			

21. ABC T-off, from open line, at 9m steel Strain Structure

Including:

Description	First year	Second year	Third year
1 x Mounting Bracket CS-10 Aluminium			
2m Stainless Steel Strap			
2 x Stainless Steel Buckles			
1 x Installation of ABC Strain Clamp			
6 x Installation of Line Taps			

22. ABC T-off, from ABC line, at 9m wooden Intermediate Structure

Including:

Description	First year	Second year	Third year
1 x Pig Tail Bolt Assembly 16mm x 350mm			
1 x Installation of ABC Strain Clamp			
6 x Installation of Piercing Connectors			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

1 x Fixing of ABC by means of Cable Ties			

23. ABC T-off, from open line, at 9m wooden Intermediate Structure

Including:

Description	First year	Second year	Third year
1 x Pig Tail Bolt Assembly 16mm x 350mm			
1 x Installation of ABC Strain Clamp			
6 x Installation of Line Tap Connectors			
1 x Fixing of ABC by means of Cable Ties			

24. ABC T-off, from ABC line, at 9m steel Intermediate Structure

Including:

Description	First year	Second year	Third year
1 x Mounting Bracket CS-10 Aluminium			
2m Stainless Steel Strap			
2 x Stainless Steel Buckles			
1 x Installation of ABC Strain Clamp			
6 x Installation of Piercing Connectors			

Total: R.....

ITEM 10: Streetlights: Installation, maintenance and erection

C. Excavation Work:

Description	First year	Second year	Third year
Hole for Pole, 1.8m Soft Soil			
Hole for Pole, 1.8m Intermediate Soil			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Hole for Pole, 1.8m Hard Soil			
Hole for Pole, 1.5m Soft Soil			
Hole for Pole, 1.5m Intermediate Soil			
Hole for Pole, 1.5m Hard Soil			
Hole for Pole, 1m Soft Soil			
Hole for Pole, 1m Intermediate Soil			
Hole for Pole, 1m Hard Soil			
Hole for Pole, 1.8m x 405mm diameter - Rock Drill / Compressor			

D. Construction

13. Installation of 9 or 11m Streetlight Pole

Including:

Description	First year	Second year	Third year
Assembling of Pole			
Installation of Luminaire			
Installation of Circuit Breaker			
Installation of Wiring between Luminaire and Circuit Breaker			
Installation of Lamp			
Connection of Supply Cables			
Backfilling and Compaction			

14. Installation of 5m - 7m Streetlight Pole

Including:

Description	First year	Second year	Third year
Assembling of Pole			
Installation of Luminaire			
Installation of Circuit Breaker			
Installation of Wiring between Luminaire and Circuit Breaker			
Installation of Lamp			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Connection of Supply Cables			
Backfilling and Compaction			

15. Installation of Streetlight Cables

LV Cables, in trenches and through ducts, irrespective number of cores, Copper Or Aluminum, **Including:**

Installation of 1000V Cables, 10mm² - 25mm²

Installation of 1000V Cables, 35mm² - 50mm²

16. Assembling and installation of Streetlight Control Kiosk

Including:

Circuit Breakers, Contactors, Photo Cell, Connection of Cables

17. Removal of existing Streetlight Control Kiosk

Including:

iii) Digging out of Kiosk

iv) Disconnection and removal of cables

Description	First year	Second year	Third year
Installation of Outreach Arm, on new or existing pole			
Replacement of Luminaire on existing pole (wood or steel Pole)			
Replacement of Internal Wiring, irrespective length of pole			
Replacement of Lamp, irrespective length of pole and size of Luminaire			
Replacement of Ballast, irrespective length of pole and size of Luminaire			
Replacement of Lens, irrespective length of pole and size of Luminaire			
Replacement of Circuit Breaker, irrespective length of pole and size of Luminaire.			

Total: R.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ITEM 12: Erection of a 30m & 15m High Mast**K. Excavation Work:**

- iv) Excavation for Mast Foundation - Soft Soil
- v) Excavation for Mast Foundation - Intermediate Soil
- vi) Excavation for Mast Foundation - Hard Soil

Including backfilling and compaction

Description	First year	Second year	Third year
Trenching 400mm x 750mm - Soft Soil			
Trenching 400mm x 750mm - Intermediate Soil			
Trenching 400mm x 750mm - Hard Soil			

L. Form and Civil Work:

- 2. Casting of 25 MPA concrete for Mast Foundation, irrespective distance from Municipal Stores

Including:

Description	First year	Second year	Third year
Delivery of Sand, Stone and Cement to Site			
Mixing of Concrete			
Casting of Concrete			
Casting of Concrete			
Poking of Concrete			
Installation of reinforced Steel			
Installation of Foundation Bolts			
Installation of 110mm Bended Cable Sleeve			
Installation of Foundation Earthing (4 x 1.5m Rods and 12m x 70mm ² Copper)			

M. Mechanical Construction & Maintenance Work of 30m Mast

- 3. Installation of 30m Mast, irrespective distance to Municipal Stores

Including:

Description	First year	Second year	Third year
Transport Mast to Site			
Assembling of Mast			
Installation of Stainless Steel Cables			
Installation of Electrical Cable			
Installation of Luminaire Ring Cage			
Installation of Splitter Box			
Erection of Mast - measured elsewhere			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Hiring of Crane - measured elsewhere			
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4. Dismantling of 30m Mast for maintenance and safety reasons, irrespective distance to Municipal Stores

Including:

Description	First year	Second year	Third year
De-assembling of Mast			
Removal of Luminaire Cage Ring			
Removal of Stainless Steel Cables			
Removal of Electrical Cable			
Transport Mast from Site to Municipal Stores			
Lowering of Mast - measured elsewhere			
Hiring of Crane - measured elsewhere			

N. Electrical Construction & Maintenance Work of 30m Mast

3. Installation of Electrical Components on 30m Mast, irrespective number of Luminaires:

Including:

Description	First year	Second year	Third year
Installation of Luminaires			
Wiring of Luminaires			
Connecting of Splitter Box			
Installation of Distribution Board			
Connection of Supply Cable			
Installation of Photo Cell			
Alignment of Luminaires			
Test and Commissioning and C.O.C			

4. Removal of Electrical Components for maintenance and safety reasons, irrespective distance to Municipal Store

Including:

Description	First year	Second year	Third year
Disconnection of Supply Cable			
Removal of Distribution Board			
Removal of Photo Cell			
Removal of Luminaires - irrespective number of luminaires			
Removal of existing wiring			
Removal of Splitter Box			

O. Erection and lowering of 30m Mast

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

3. Erection of 30m Mast by means of 30-ton Crane

Including:

Description	First year	Second year	Third year
Sling of Mast			
Barricading of work area			
Fastening of Foundation Nuts (2 per bolt)			
Hiring of Crane - measured elsewhere			

4. Lowering of existing 30m Mast by means of 30-ton Crane

Including:

Description	First year	Second year	Third year
Sling of Mast (using a man cage or rope for sling installation)			
Barricading of work area			
Loosening of Foundation Nuts			
Lay down Mast on stands			
Hiring of Crane - measured elsewhere			
Transport of Mast to new Site			

Excluding:

P. Mechanical Construction and Maintenance Work of 15m Mast

3. Installation of 15m Mast, irrespective distance to Municipal Stores

Including:

Description	First year	Second year	Third year
Transport Mast to Site			
Assembling of Mast			
Installation of Stainless Steel Cables			
installation of Electrical Cable			
Installation of Luminaire Ring Cage			
Installation of Splitter Box			
Erection of Mast - measured elsewhere			
Hiring of Crane - measured elsewhere			

4. Dismantling of 15m Mast for maintenance and safety reasons, irrespective distance to Municipal Stores

Including:

Description	First year	Second year	Third year
De-assembling of Mast			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Removal of Luminaire Cage Ring			
Removal of Stainless Steel Cables			
Removal of Electrical Cable			
Transport Mast from Site to Municipal Stores			
Lowering of Mast - measured elsewhere			
Hiring of Crane - measured elsewhere			

vi)

Excluding:

Q. Electrical Construction and Maintenance Work of 15m Mast

3. Installation of Electrical Components on 15m Mast, irrespective number of Luminaires:

Including:

Description	First year	Second year	Third year
Installation of Luminaires			
Wiring of Luminaires			
Connecting of Splitter Box			
Installation of Distribution Board			
Connection of Supply Cable			
Installation of Photo Cell			
Alignment of Luminaires			
Test and Commissioning and C.O.C			

4. Removal of Electrical Components for maintenance and safety reasons, irrespective distance to Municipal Store

Including:

Description	First year	Second year	Third year
Disconnection of Supply Cable			
Removal of Distribution Board			
Removal of Photo Cell			
Removal of Luminaires - irrespective number of luminaires			
Removal of existing wiring Removal of Splitter Box			

R. Erection and lowering of 15m Mast

3. Erection of 15m Mast by means of 30-ton Crane

Including:

Description	First year	Second year	Third year
Sling of Mast			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Barricading of work area			
Fastening of Foundation Nuts (2 per bolt)			
Hiring of Crane - measured elsewhere			

4. Lowering of existing 15m Mast by means of 30-ton Crane Including:

Description	First year	Second year	Third year
Sling of Mast (using a man cage or rope for sling installation)			
Barricading of work area			
Loosening of Foundation Nuts			
Lay down Mast on stands			
Hiring of Crane - measured elsewhere Transport of Mast to new Site			

S. Cabling

2. Installation of supply cable for Masts or Poles, irrespective of cable size normally (16mm² to 35mm² 4 core) Including:

Description	First year	Second year	Third year
Installation of Cable in trench			
Casting of Concrete over cable for protection			
Installation of 110mm PVC Sleeves or Galvanized Pipe			
Installation of Cable into 110mm PVC Sleeve or Galvanized Pipe			
Installation of 300mm Warning Sheet			
Backfilling and compaction			
Trenching measured elsewhere			

T. Hiring of Crane

3. Hiring of 30-ton Crane and Man Cage, with at least 35m working height (Tender price shall be for a 9 hour working day) Including:

Description	First year	Second year	Third year
Site Establishment			
Hiring Rate			
Crane Insurance			
Load under hook Insurance			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

4. Hiring of Truck Mounted Crane with at least 17m working height Including:

Description	First year	Second year	Third year
Travelling Rate			
Hiring Rate			
Crane Insurance			
Load under hook Insurance			

Total: R.....

ITEM 13: Annual Legislative Inspection & Certification on Masts

C. Annual Mast and Pole Inspection

2. MPI Test to be carried out by an authorised person

Including:

Description	First year	Second year	Third year
Sandblasting of Mast or Pole bottom end			
Inspection by authorized person			
Welding of Mast or Pole, if necessary			
Re-inspection by authorized person after welding			
Retreating of Mast or Pole by using Zinc Spray			
Issuing of Safety Certificate			

D. Hiring of Crane

3. Hiring of 30-ton Crane and Man Cage, with at least 35m working height (Tender price shall be for a 9 hour working day)

Including:

Description	First year	Second year	Third year
Site Establishment			
Hiring Rate			
Crane Insurance			
Load under hook Insurance			

4. Hiring of Truck Mounted Crane with at least 17m working height Including:

Description	First year	Second year	Third year
Hiring Rate			
Travelling Rate			
Crane Insurance			

Total: R.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ITEM 14: High Mast and Stadium Lights: Maintenance**B. General Maintenance on High Mast and Stadium, irrespective of distance to Municipal Stores**

Description	First year	Second year	Third year
Changing of Luminaires - 400W and LED (any size)			
Changing of Luminaires - 1000W and 2000W			
Lowering and rising of Lamp Cage Ring (if applicable)			
Installation of Winch (if applicable)			
Lowering and rising of Lamp Cage Ring (if applicable)			
Installation of Winch(if applicable)			
Lowering and rising of Lamp Cage Ring (if applicable)			
Installation of Winch (if applicable)			
Lowering and rising of Lamp Cage Ring (if applicable)			
Installation of Winch (if applicable)			

Excluding: Crane hire, measured elsewhere

- iii) Changing of Lamps - 400W and LED (any size)
- iv) Changing of Lamps - 1000W and 2000W

Excluding: Crane hire, measured elsewhere

- iii) Changing of Ballasts or control gear - 400W and LED
- iv) Changing of Ballasts - 1000W and 2000W

Excluding: Crane hire, measured elsewhere

- iii) Changing of Lenses - 400W and LED
- iv) Changing of Lenses - 1000W and 2000W

Total: R.....

ITEM 15: Mini-Substation Installation**C. Excavation and Formwork:**

4. Digging out, 300mm deep, compact and backfill, 150mm with sub base, for foundation of Mini-Substation, irrespective kVA rating of Mini-Substation, normally 160kVA to 1000kVA
5. Installation of Foundation Mold and reinforced steel, irrespective kVA rating of Mini Substation, normally 160kVA to 1000Kva
6. Casting of 25 MPA concrete for Mini-Substation Foundation, irrespective distance from Municipal Stores

Including:

Delivery of Sand, Stone and Cement to Site, Mixing of Concrete, Casting of Concrete, Poking of Concrete, Installation of Foundation Earthing (4 x 1.2m

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

16mm Rods and 12m x 70mm² Copper)

D. Installation Work

3. Installation of Mini-Substation Collection of Mini-Substation at Victor Khanye Local Municipal Stores, transport to site and place on foundation, irrespective distance from Stores and kVA rating of Mini-Substation, normally 160kVA to 1000Kva

Including:

- ii) Digging of trench 400mm wide x 500mm deep x 20m long for earthing, Irrespective soil conditions, MV and LV, Installation of trench earthing for Mini-Substation, MV or LV (4 x 1.2m 16mm Rods and 20m x 70mm² Copper), Test of Earthing and issuing of Certificate

Excluding:

Trenches for MV cables, Trenches for LV cables, Cable Terminations, MV and LV- all done by others

4. Removal of Mini-Substation

Remove Mini-Substation from plinth and transport to Victor Khanye Local Municipal Stores, irrespective distance from Stores and kVA rating of Mini-Substation, normally 160kVA to 1000kVA, Including: Disconnection of cables, MV and LV.

Total: R.....

ITEM 16: Trenching and installation of cables

C. Excavation Work:

Description	First year	Second year	Third year
Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil			
Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil			
Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil			
Digging of trenches by hand, 400mm Wide x 650mm Deep - Hard Soil, Compressor & Breaker			
Installation of 150mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction			
Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil			
Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil			
Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil, pick able			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Digging of trenches by hand, 400mm Wide x 850mm Deep - Hard Soil, Compressor & Breaker			
Installation of 200mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning			
Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction			

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt Material, all measured elsewhere.

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoil Material, all measured Elsewhere

- 30. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Soft Soil
- 31. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Intermediate Soil
- 32. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil, pick able
- 33. Digging of trenches by hand, 600mm Wide x 1200mm Deep - Hard Soil, Compressor & Breaker

Including:

Installation of 200mm Deep Sand Bed, Installation of 200mm Deep Sand Blanket, Installation of 300mm Wide Warning Orange Cable Warning Sheet above blanket, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

- 34. Digging of Trenches by means of machine, 400mm Wide x 950mm Deep, irrespective of soil conditions, but limited to Soft Soil, Intermediate Soil, Hard Soil Pick able

Including:

Installation of 250mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

- 35. Digging of Trenches by means of machine, 600mm Wide x 1200mm Deep, irrespective of soil conditions, but limited to Soft Soil, Intermediate Soil, Hard Soil Pick able

Including:

Installation of 300mm Deep Sand Bed and Sand Blanket of 200mm, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

36. Removal of Tarmac
37. Removal of Concrete
38. Removal of Brick Paving
39. Removal of Base Course
40. Reinstatement of Tarmac
41. Reinstatement of Concrete
42. Reinstatement of Brick Paving
43. Reinstatement of Base Course
44. Removal and disposal of spoilt material, irrespective distance to Dumping Site
45. Transport to Site, irrespective of distance – Tarmac
46. Transport to Site, irrespective of distance – Concrete
47. Transport to Site, irrespective of distance - Brick Paving
48. Transport to Site, irrespective of distance - Base Course
49. Transport to Site, irrespective of distance – Sand
50. Transport to Site, irrespective of distance - Backfill Material

D. Installation of Cables

4. MV Cables, in trenches and through ducts, PILC or XLPE

Description	First year	Second year	Third year
Installation of 11kV Cables, 35mm ² - 50mm ²			
Installation of 11kV Cables, 70mm ² - 95mm ²			
Installation of 11kV Cables, 120mm ² - 185mm ²			
Installation of 11kV Cables, 240mm ² - 500mm ² , including single core cables			
Transport from Municipal Stores to Site, irrespective of distance			

Excluding:

Sand Bedding, Installation of 300mm, Wide Warning Sheet, Backfilling and compaction, Installation of Ducts, Reinstatement of Tarmac, Concrete, Brick Paving and Base Course Termination, all measured elsewhere, and Jointing of Cables done by others

5. LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminum

Description	First year	Second year	Third year
Installation of 1000V Cables, 1.5mm ² - 16mm ²			
Installation of 1000V Cables, 25mm ² - 70mm ²			
Installation of 1000V Cables, 95mm ² - 150mm ²			
Installation of 1000V Cables,			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

185mm ² - 240mm ²			
Installation of 1000V Cables, single core cables, irrespective of size			
Transport from Municipal Stores to Site, irrespective of distance, Termination and jointing of Cables			

Excluding:

Sand Bedding, Installation of 300mm, Wide Warning Sheet, Backfilling and compaction, Installation of Ducts, Reinstatement of Tarmac, Concrete, Brick Paving and Base Course Termination, all measured elsewhere, and Jointing of Cables done by others

6. Installation of Earth Conductor, in trenches and through ducts, irrespective size
Installation of covered conductor or BCEW, 16mm² to 70mm²

Including: Termination and Jointing of Earth Wires, irrespective of size

B. Transformer oil replacement

Description	First year	Second year	Third year
Site establishment and equipment deployment Drain existing oil into container/s supplied by tenderer			
Replace with virgin oil, oil filtration and purification per litre			
Ensure correct functioning of all auxiliary/monitoring equipment and relays associated with the oil			
Oil sampling and testing after completion with certification (SANS)			
Site restoration (cleaning of oil spills, etc.			

Total: R.....

ITEM 17: 11kV Oil Circuit breakers.

B. Breaker, Recloser, Sectionalized and Ring Main Units: Maintenance
(Indoor: Reyrolle, Alstom, – Outdoor: Schneider, Lucy
Lucy, GEC, Rey Rolle, Hawker Siddeley, etc.

Description	First year	Second year	Third year
Service mechanism and associated contact mechanisms, including control gear			
Service and load test contacts			
Repair oil or gas leaks			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Repair all rusted items, zinc treat and respray			
Repair/Replace of bushings and insulators			
Site establishment fee			
Visually inspect all bushings, spouts and cables			
Visually/ physically inspect wiring and terminations for loose connections.			
Lubricate moving parts and inspect for correct operation.			
Pressure test bus bar.			

Total: R.....

ITEM 18: Mini-Substations, Transformers & RMU's: Mechanical Maintenance of 11/0.4Kv 200 to 500 KVA

C. Transformer and Tap Changer Maintenance:

Monthly Basis Maintenance of Transformer

Description	First year	Second year	Third year
Check tap changer position, functionality and contacts – replace if degraded			
Replace breathers & silica gel + breather oil			
Repair oil leaks			
Repair all rusted items, zinc treat and respray complete			
Earthing test			

13. Do oil sample tests on main and OLTC tank and report on the following and not limited to:

- vii) Moisture
- viii) Dielectric strength
- ix) Acidity
- x) Furanic Analysis
- xi) Dissolved Gas
- xii) PCB

14. Repair transformer cooling fins

15. Repair of all valves and sampling points

16. Clean/Repair/Replace of bushings and insulators

17. Re-tighten all Bolts & Nuts

18. Record all LV fuses/circuit breakers info and inspect functionality

19. Check/Repair/Replace all locking devices if need be

D. Ring Main Unit Maintenance

Description	First year	Second year	Third year
Replace the insulating oil or regas with SF6, if applicable, restore vacuum			
Check load switch mechanisms and functionality, including control gear			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Record Fuse sizes and relay settings and test fuses			
Check and test Earth Fault Detection devices			
Repair rust, clean, zinc treat and respray Repair rust, clean, zinc treat and respray			
Ensure that supports are firmly attached to the plinth			
Test the Earthing and complete certificate			
Site establishment			

Total: R.....

ITEM 19: Mini-Substation On-Site Maintenance

All maintenance will be done while the units are in service as far as possible. Therefore, it is of utmost importance that an authorised or responsible person (ORHVS) must be on site at all times. This work will be performed under permit at all times.

D. Maintenance of Mini-Substations and Associated Equipment:

Description	First year	Second year	Third year
Open all covers of switchgears and panels.			
All connections to be checked and correct torque values used for bolts.			
pressure test bus bars			
Do injection test and proof relay			
Inspect bus bar and connections for loose connections			
Inspect terminations			
Check all control connections			
Test open/ close function			
Check up and down racking on switches			
Check all CT's and connections			
Check 220V DB			
Check 220V circuits and lights			
Test BTU functions			
Check battery water level of BTU and clean BTU.			
Check for first Aid kit to be in vicinity			

E. Maintenance of Area in and Around Mini-Substation and Associated Equipment:

4. Labour rate: cleaning of an area of 1 metre all around the equipment.
5. Labour rate: Removal of trees or shrubs cleared from the 1 metre area.
6. Labour rate: cleaning and removing pests and the effects of their presence, including long lasting control.

F. Site establishment:

2. Site establishment (Transport and accommodation to Victor Khanye Local Municipal Area)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Total: R.....

ITEM 20: Electrical Pole Refurbishment

- C. Refurbishment of poles, irrespective of length.**
All refurbishment materials and equipment to be supplied by the Tenderer.
Elevated work to be carried out with an Aerial Platform or equivalent device only (no ladders or scaffolding will be allowed).

5. Steel poles

Description	First year	Second year	Third year
Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners			
Remove rust spots and treat with Zinc Galvanizes			
Respray/repaint treated areas with Galvanizes spray/paint			
Repair/Replace inspection cover plates (new bolts)			

6. Fiber glass poles

Description	First year	Second year	Third year
Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners			
Repair badly degraded, cracks or damaged spots and repair with glass fibre based product			
Respray/repaint treated areas with fibre glass compatible matching spray/paint			
Repair/Replace inspection cover plates (new bolts)			

7. Concrete poles

Description	First year	Second year	Third year
Remove all binding wire, strings, rope, cable ties, moss, Repair badly degraded or damaged spots and treat with cement-based product			
Respray/repaint treated areas with a matching color spray/paint			
Repair/Replace inspection cover plates (new bolts)			

8. Wooden poles

Description	First year	Second year	Third year
Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Repair badly degraded or rot damaged spots and treat with creosote-based product			
Treat and Fill all unused holes on the pole with creosote-based product			
Respray/repaint treated areas with a creosote compatible spray/paint			
Site Establishment			

Total: R.....

ITEM 21: Under road drilling/boring - horizontal

- B. Horizontal drilling/boring under public roads, roadways, rails, buildings, etc. Tenderer must supply own boring/drilling equipment and sleeves. Water will be supplied by Council. Council will prepare/excavate the site entry and exit points. Bentonite removal will be for tenderer's account as and when required to a Municipal site.**

Description	First year	Second year	Third year
2 x 110mm, One Site, per meter			
3 x 110mm, One Site, per meter			
4 x 110mm, Two Sites, per meter			
6 x 110mm, Three Sites, per meter			
2 x 160mm, One Site, per meter			
3 x 160mm, One Site, per meter			
4 x 160mm, Two Sites, per meter			
6 x 160mm, Three Sites, per metre			
Bud weld (160mm)			
Drill rig setup			
Site establishment			

Total: R.....

ITEM 22: Electrical Certificate of Compliance Testing

- B. Certificate of Compliance Testing (COC) on all municipal facilities and buildings. Tenderer must be registered with the Department of Labour and must fully comply with legislation, SANS 10142-1. Original and sequentially numbered certificates to be submitted. No copies or same numbered certificates will be accepted.**

6. Offices

Description	First year	Second year	Third year
Tender per Distribution Board			
Tender per room – irrespective of size			
Repairs not to be included in the tender			
Parts and material not to be included in the tender			
Tender per house			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

7. Halls and Civic Centers

Description	First year	Second year	Third year
Tender per Distribution Board			
Tender per area			
Repairs not to be included in the tender			
Parts and material not to be included in the tender			

8. Resorts

- iii) Tender per Caravan Box – irrespective of size
- iv) Tender per Ablution Block

9. Certificate of Compliance

- ii) Issue and submit original document

Total: R.....

**ITEM 23: Electrical Marking & Earth Leakage Testing:
Municipal Buildings**

Certificate of Compliance Testing (COC) on all municipal facilities and buildings. Tenderer must be registered with the Department of Labour (ECB) and must fully comply with legislation, SANS 10142-1. Original and sequentially numbered certificates to be submitted. No copies or same numbered certificates will be accepted.

D. Distribution Boards

Mark and Labelling of all the Distribution boards in the Municipal buildings and Municipal sites within the Delmas area.

- iv) Mark and Labelling of all the Distribution boards in the building
- v) Mark and labelling of all outgoing circuits from the Distribution Boards
- vi) Complete checklist and deviations for each Distribution board

E. Plug Sockets

Mark and labelling of all the plug circuits in the Municipal buildings and Municipal sites within the Delmas area.

- iv) Mark and labelling of all the plug circuits in the building
- v) Test of all plug sockets with earth leakage tester according the SANS 10142-1 regulations
- vi) Complete checklist and deviations for each Plug socket

F. Earth Leakage Units

Testing of Earth Leakage units in the Municipal buildings and Municipal sites within the Delmas area.

- iv) Mark and labelling of all Earth Leakage units in the Distribution Boards
- v) Test of all Earth Leakage units through the plug sockets with earth leakage tester according the SANS 10142-1 Testing and certification (COC) regulations.
- vi) Complete checklist and deviations for each Earth Leakage.

Total: R.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ITEM 24: Electrical Work LV with Certificate of Compliance Testing

- B. Repairs and Extensions to existing installations with Certificate of Compliance Testing (COC) on all municipal facilities. Tenderer must be registered with the Department of Labour (ECB) and must fully comply with I legislation, SANS 10142-1. Original and sequentially numbered certificates to be submitted. No copies or same numbered certificates will be accepted. Only SABS (SANS) approved techniques shall be used.**

Description	First year	Second year	Third year
Plug circuit extension (suffix or drawn wires) – install			
Plug circuit fault finding and repair			
Light circuit extension (suffix or drawn wires) – install			
Light circuit fault finding and repair			
Geyser circuit (surface, wall or skirt mounted) – install			
Geyser circuit fault finding and repair			
Sub DB with feeder circuit extension single rail – install			
Sub DB with feeder circuit extension double rail – install			
New AC circuit (surface, wall or skirt mounted – suffix or drawn wires) with disconnect			
Replace Earth Leakage Unit, MCB, LCR, etc.			
Replace Geyser element			
Replace Geyser thermostat			
Replace plug – single or double			
Replace light and luminaire fittings – normal height			
Replace light and luminaire fittings – abnormal height (halls) – Council will supply lifting equipment			
New telecommunications point			
Connection of single and three phase stoves			
Earth and Earth Resistance testing with certificate			

Total: R.....

ITEM 25: Anti-vandalism work

Installation of Anti-vandalism methods to prevent cable losses

E. Cable covering by means of concrete slabs or any other hold-down method

- Opening of trench for new cable
- Laying the cable in a sand bed
- Covering the cable with sand and concrete slabs or other equipment/material
- Backfilling the trench

F. Placing the cable in steel pipe and filling the pipe with cement

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

4. Secure steel pipe to pole, wall or lay in ground
5. Install cable and fill with cement
6. Build plinth around foot of pole (wall and pole mount)

G. Cement blocks or any other equipment/material over cable

2. Build cement structure over cable and fill with cement

H. Installation of other anti-vandalism devices

2. Install council approved devices over/onto cable by means of brackets and tie-downs

CONSTRUCTION CONSTRAINTS

Existing equipment are in service and can only be removed under a shutdown of maximum 9 hours, except for units which can be taken out of service for short periods. The adaptation of the existing plinth/s and support structure are to be included in the scope of works, including anchor bolts, mountings, base frames, etc. All civil works (adaptation of plinths) and supporting structures are for the tenderer's account, including mounting bolts, mountings, bolts and nuts, etc.

All wiring and cable works needed to make the switches fully functional are for the tenderer's account, including earthing requirements, modified panel and mechanism box wiring, conductor and bus bar modifications and extensions.

The use of hydraulic cranes or overhead lifting equipment will be limited or restricted, due to the area of construction being in a live area

7. Dismantling and Removal all 3 phases
8. Preparation and modification of the existing plinth for new equipment
9. New plinth, including mounting rods and any other steel/earthing requirements
10. Preparation and modification of the existing steel structure for new equipment
11. Installation and commissioning (including new cabling)
12. Commissioning and test certificates for all new equipment commissioned, as well as existing equipment which forms part of the equipment replaced

C. Outdoor breakers or motorized blade switches

5. Dismantling and Removal all 3 phases
6. Preparation and modification of the existing plinth for new equipment
7. Preparation and modification of the existing steel structure for new equipment
8. Installation and commissioning (including new cabling)

D. Voltage and current transformers

4. Dismantling and Removal all 3 phases
5. Preparation and modification of the existing steel structure for new equipment
6. Installation and commissioning (including new cabling)

Total: R.....

ITEM 26: Trenching and installation of cables

D. Excavation Work:

Description	First year	Second year	Third year
Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil			
Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil			

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil			
Digging of trenches by hand, 400mm Wide x 650mm Deep - Hard Soil, Compressor & Breaker			
Installation of 150mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet/Tape, Removal of Stones and sorting of Backfill			
Installation of 200mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction			
Installation of 200mm Deep Sand Bed, Installation of 200mm Deep Sand Blanket,			
Installation of 300mm Deep Sand Bed and Sand Blanket of 200mm, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction			
Installation of 300mm Wide Warning Orange Cable Warning Sheet above blanket, Removal of Stones and sorting of Backfill Material, Backfill and Compaction			
Installation of 250mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction			

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

30. Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil

31. Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil

32. Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil, pick able

33. Digging of trenches by hand, 400mm Wide x 850mm Deep - Hard Soil, Compressor & Breaker

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

34. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Soft Soil

35. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Intermediate Soil

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

36. Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil, pick able
37. Digging of trenches by hand, 600mm Wide x 1200mm Deep - Hard Soil, Compressor & Breake

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

38. Digging of Trenches by means of machine, 400mm Wide x 950mm Deep, irrespective of soil conditions, but limited to Soft Soil, Intermediate Soil, Hard Soil Pick able

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

39. Digging of Trenches by means of machine, 600mm Wide x 1200mm Deep, irrespective of soil conditions, but limited to Soft Soil, Intermediate Soil, Hard Soil Pick able

Excluding:

Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material, all measured elsewhere

40. Removal of Tarmac
41. Removal of Concrete
42. Removal of Brick Paving
43. Removal of Base Course
44. Reinstatement of Tarmac
45. Reinstatement of Concrete
46. Reinstatement of Brick Paving
47. Reinstatement of Base Course
48. Removal and disposal of spoilt material, irrespective distance to Dumping Site
49. Transport to Site, irrespective of distance – Tarmac
50. Transport to Site, irrespective of distance – Concrete
51. Transport to Site, irrespective of distance - Brick Paving
52. Transport to Site, irrespective of distance - Base Course
53. Transport to Site, irrespective of distance – Sand
54. Transport to Site, irrespective of distance - Backfill Material

E. Installation of Cables:

4. MV Cables, in trenches and through ducts, PILC or XLPE
 - v) Installation of 11kV Cables, 35mm² - 50mm²
 - vi) Installation of 11kV Cables, 70mm² - 95mm²
 - vii) Installation of 11kV Cables, 120mm² - 185mm²
 - viii) Installation of 11kV Cables, 240mm² - 500mm², including single core cables

Including:

Transport from Municipal Stores to Site, irrespective of distance

Excluding:

Sand Bedding, Installation of 300mm, Wide Warning Sheet, Backfilling and compaction,

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Installation of Ducts, Reinstatement of Tarmac, Concrete, Brick Paving and Base Course Termination, all measured elsewhere, and Jointing of Cables done by others

5. LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminum
- vi) Installation of 1000V Cables, 1.5mm² - 16mm²
 - vii) Installation of 1000V Cables, 25mm² - 70mm²
 - viii) Installation of 1000V Cables, 95mm² - 150mm²
 - ix) Installation of 1000V Cables, 185mm² - 240mm²
 - x) Installation of 1000V Cables, single core cables, irrespective of size

Including:
Transport from Municipal Stores to Site, irrespective of distance, Termination and Jointing of Cables

Excluding:
Sand Bedding, Installation of 300mm, Wide Warning Sheet, Backfilling and compaction, Installation of Ducts, Reinstatement of Tarmac, Concrete, Brick Paving and Base Course Termination, all measured elsewhere, and Jointing of Cables done by others

6. **Installation of Earth Conductor, in trenches and through ducts, irrespective size**
Installation of covered conductor or BCEW, 16mm² to 70mm²

Including:
Termination and Jointing of Earth Wires, irrespective of size

- F. Installation of Ducts**
- 4. Installation of 110mm PVC Sleeves - in ground
 - 5. Installation of 160mm PVC Sleeves - in ground
 - 6. Installation of 25/40/50mm Galvanized Conduit - against poles or walls

Total: R.....

GRAND TOTAL FOR ALL ITEMS INCLUSIVE OF VAT (15%)	R
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NOTE: THE GRAND TOTAL MUST BE TRANSFERED TO THE FORM OF OFFER.

*****END*****

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

GENERAL CONDITIONS OF CONTRACT

The General Conditions of Contract is not included in this document and can be downloaded from the following website:

<http://www.treasury.gov.za/legislation/pfma/public%20entities/PFMA%20GCC%20July%202010.pdf>

The Supply Chain Management Policy (SCM) is not included in this document and can be downloaded from the following website:

www.victorkhanyelm.gov.za

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2