

SALDANHA BAY MUNICIPALITY

TENDER SBM: 25/22/23

Munisipale Kantoor
Privaatsak X12
VREDENBURG, 7380
Tel. No.(022) 701-7113
Faks No.(022) 715-1304



Municipal Offices
Private Bag X12
VREDENBURG, 7380
Tel. No.(022) 701-7113
Fax No.(022) 715-1304

TENDER NUMBER: SBM 25/22/23

TENDER DESCRIPTION:

**APPOINTMENT OF CONTRACTORS FOR LABOUR AND
INSTALLATION WORK WITHIN THE ELECTRICAL FIELD OF
SALDANHA BAY MUNICIPALITY FOR A 2-YEAR PERIOD.**

NAME OF TENDERER

ADDRESS

TEL NO:

**EMAIL FOR
CORRESPONDENCE**

**CSD DATABASE
REG NO**

SUBMISSION DETAILS:

CLOSING DATE	06 April 2023	CLOSING TIME	12H00	TENDER BOX	Buller/Investment Centre, Ground Floor, 15 Main Road, Vredenburg
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GENERAL TENDER INFORMATION

TENDER REQUEST DATE	:	13 March 2023
CLOSING DATE	:	06 April 2023
CLOSING TIME	:	12h00
CLOSING VENUE	:	Buller / Investment Centre, Ground Floor, 15 Main Road,
COMPULSORY	:	Vredenburg
CLARIFICATION MEETING	:	Not applicable
TENDER SUBMISSION	:	The document, fully completed in all respects, together with any returnable and additional supporting documentation required, must be submitted in a sealed envelope with the name and address of the tenderer, the project number and description and the closing date and time indicated on the envelope. The sealed envelopes must be inserted into the appropriate official tender box.

All bids must be submitted on the official bid documents issued by SBM for this bid and not be re-typed.

Do not dismember this Tender Document (do not take it apart or put documents between its pages) and all other documents of the submission must be attached to this Tender Document.

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

Department: Supply Chain Management

Contact Person: Viandro van Wyk

Tel: 022 701 7168

Fax: 022 719 1024

ANY ENQUIRIES REGARDING TECHNICAL INFORMATION / SPECIFICATIONS MAY BE DIRECTED TO:

Contact Person: Cassie du Preez

Email: cassie.dupreez@sbm.gov.za

Tel: 022 701 7123

SALDANHA BAY MUNICIPALITY

CHECKLIST

Please ensure that you have included all the documents listed below and submit it with your tender document as well as ensure that you adhere to the listed requirements. This will ensure that your tender is not deemed to be non-responsive and disqualified

PLEASE TICK BOX ☒ THE LEFT

- ☐ Identity Documents of all those with equity ownership in the organization. In the case of a company please include only those ID documents of the Directors with equity ownership.
- ☐ Company registration forms.
- ☐ Certified copy of bidders municipal account.
- ☐ Registration with professional body (If applicable).
- ☐ Samples Provided (If applicable).
- ☐ All relevant sections complete and signed, and all pages of tender document initialled by authorized signatory.
- ☐ Proof attached that signatory is duly authorized to enter into contractual agreement with Saldanha Bay Municipality on behalf of the organization.
- ☐ Original or Originally Certified copy of a valid SANAS approved B-BBEE certificate or a valid B-BBEE affidavit.
- ☐ Tax-compliant status on CSD.

DECLARATION

I declare that all relevant documentations have been included with the bid document and all the tender conditions have been adhered to.

.....

Name

.....

Signature

.....

Date

.....

Capacity

.....

Name of Firm

SALDANHA BAY MUNICIPALITY

Central Supplier Database (CSD)

Paragraph 14(1)(a) of the Municipal Supply Chain Management Policy states that the municipality must keep a list of accredited prospective providers of goods and services that must be used for the procurement requirements. Saldanha Bay Municipality has decided to accept an invitation from Provincial Treasury to join the Western Cape Supplier Database (WCSD) with the view of using one centralized database. However, on 01 July the Municipality will make use of the Centralised Supplier Database. This decision was taken based on the advantages it holds for our suppliers as well as our organization's procurement processes. All prospective providers of municipal goods and/or services are hereby requested to register their business with the CSD.

The usage of the Centralised Supplier Database came into effect on 01 July 2016. REGISTRATION WILL BE COMPULSORY IN ORDER TO CONDUCT BUSINESS WITH SALDANHA BAY MUNICIPALITY. The database will be used to verify the accreditation of a supplier before an award can be made.

All prospective suppliers should be aware of the amended codes of good practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act as issued by the Minister of Trade and Industry (Gazette No.36928) on 11 October 2013.

Enquiries can be made to Mr. A. Plaatjies at 022-701 6866.

CSD registration number (if registered):

SALDANHA BAY MUNICIPALITY

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SECTION 1.1

ADVERTISEMENT

<u>TENDER: SBM 25/22/23</u>
BESKRYWING: AANSTELLING VAN KONTRAKTEURS VIR ARBEID EN INSTALASIE WERK IN DIE ELEKTRIESE VELD VIR SALDANHABAAI MUNISIPALITEIT VIR 'N 2-JAAR PERIODE.
Tender dokumente is beskikbaar vir aflaai op die e-Tender publikasie webtuiste www.etenders.gov.za of kan alternatiewelik opgetel word by Mnr. Christo de Bruyn, Hoofstraat 15, Buller/Beleggingsentrum, Vredenburg vanaf Maandag, 13 Maart 2023.
Indien tenders opgetel word, moet 'n nie-terugbetaalbare tender deposito van R172.50 betaal word aan Saldanhabaai Munisipaliteit. 'n Bewys van betaling moet aangebied word vir die verkryging van tender dokumente.
Navrae kan gerig word aan Mnr. Cassie du Preez.
E-pos: cassie.dupreez@sbm.gov.za
Tenders moet in die tenderbus by die Buller/Beleggingsentrum, Grond Vloer, Hoofstraat 15, Vredenburg, geplaas word voor 12:00 op Donderdag, 06 April 2023 en moet in 'n geseëde koevert wees waarop daar aan die buitekant duidelik gemerk is die bogenoemde tender nommer en beskrywing.
Na die sluitingsuur sal die tenders in die publiek oopgemaak word. Enige of die laagste tender sal nie noodwendig aanvaar word nie.
Die 80/20 voorkeur puntstelsel soos vervat in die Voorkeur Verkrygingsbeleid soos goedgekeur deur die Raad op 19 Januarie 2023, R5/1-23, sal toegepas word gedurende evaluering van die tender.
'n Geldige inkomstebelasting uitklaringsertifikaat, soos uitgereik deur die Suid-Afrikaanse Inkomstediens, moet met die tender dokument ingehandig word, en die tenderaar moet voldoen aan die belastingvoorwaardes op die Sentrale Verskaffers Databasis (CSD).
Mnr. H.F. Mettler MUNISIPALE BESTUURDER Munisipaliteit Saldanhabaai Privaatsak X 12 VREDENBURG 7380

<u>TENDER: SBM 25/22/23</u>
DESCRIPTION: APPOINTMENT OF CONTRACTORS FOR LABOUR AND INSTALLATION WORK WITHIN THE ELECTRICAL FIELD OF SALDANHA BAY MUNICIPALITY FOR A 2-YEAR PERIOD.
Tender documents can be downloaded from the e-Tender publication portal at www.etenders.gov.za or alternatively can be collected from Mr. Christo de Bruyn, 15 Main Road, Buller/Investment Centre, Vredenburg from Monday, 13 March 2023.
If tenders are collected, a non-refundable tender deposit of R172.50 is payable to Saldanha Bay Municipality. A proof of deposit is required for the collection of tender documents.
Enquiries can be directed to Mr. Cassie du Preez.
Email: cassie.dupreez@sbm.gov.za
Tenders must be placed in the tender box of the Buller/Investment Centre, Ground Floor, 15 Main Road, Vredenburg, before 12:00 on Thursday, 06 April 2023 in a sealed envelope upon the outside whereon is clearly marked the above-mentioned tender number and description.
The tenders shall be opened in public after the closing hour. Any or the lowest tender will not necessarily be accepted.
The 80/20 preference point system, as contained in the Preferential Procurement Policy adopted by Council on 19 January 2023, R5/1-23, will be applied during the evaluation of the tender.
A valid tax clearance certificate, from the South African Revenue Services, must be supplied with the tender document, and the tenderer must be tax-compliant on the Central Supplier Database (CSD).
Mr. H.F. Mettler MUNICIPAL MANAGER Saldanha Bay Municipality Private Bag X 12 VREDENBURG 7380

SECTION 1.2

TENDER CONDITIONS AND INFORMATION

1.2.1 General and Special Conditions of Contract

The General Conditions of Contract (GCC) as well as Special Conditions of Contract (SCC) forming part of this set of tender documents will be applicable to this tender in addition to the conditions of tender. Where the GCC and SCC are in conflict with one another, the stipulations of the SCC will prevail.

1.2.2 Acceptance or Rejection of a Tender

The Municipality reserves the right to withdraw any invitation to tender and/or to re-advertise or to reject any tender or to accept a part of it. The Municipality does not bind itself to accepting the lowest tender or the tender scoring the highest points.

1.2.3 Validity Period

Bids shall remain valid and binding for a minimum of 90 days after the tender closure date and the validity extend automatically till the contract is signed if validity goes beyond the number of days indicated. The reason for this is to ensure that the tender is valid till appeals were considered, if received.

1.2.4 Cost of Tender Documents

Tender documents can be downloaded from the eTender publication portal at www.etenders.gov.za or alternatively can be collected at a non-refundable tender deposit rate payable to Saldanha Bay Municipality. Payment for tender documents must be made by a crossed cheque, cash or payment into Saldanha Bay Municipality's bank account payable to the Saldanha Bay Municipality. These costs are non-refundable. No unauthorised alteration of this set of tender documents will be allowed. Any unauthorised alteration will disqualify the tender automatically.

1.2.5 Registration on Accredited Supplier Database

It is expected of all prospective service providers who are not yet registered on the Central Supplier Database, to register online. In the event that a tenderer is not yet registered, it is requested that the online registration proceeds with the Central Supplier Database. The Municipality reserves the right not to award tenders to prospective suppliers who are not registered on the Central Supplier Database.

1.2.6 Completion of Tender Documents

(a) The original tender document must be completed fully in black ink and signed by the authorised signatory to validate the tender. All the pages must be initialed by the authorised signatory and returned. Failure to do so will result in the disqualification of the tender.

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- (b) Tender documents may not be retyped.
- (c) The complete original tender document must be returned. Missing pages will result in the disqualification of the tender.
- (d) No unauthorized alteration of this set of tender documents will be allowed. Any unauthorized alteration will disqualify the tender automatically. Any ambiguity has to be cleared with the contact person for the tender before the tender closure.
- (e) Tenders must be completed in indelible ink and NO CORRECTION FLUID may be used in the Tender Document. If corrections must be made, a line must be drawn through the correction and it must be initialed.
- (f) The bidder must verify regularly on E-tender and our website whether there are any addendums before submission and addendums must be submitted with the tender document.

1.2.7 Compulsory Documentation

1.2.7.1 Income Tax Clearance Certificate

- (a) A valid Income Tax Clearance Certificate must accompany the bid documents unless the bidder is registered on the Central Supplier Database and are Tax compliant. If the South African Revenue Services (SARS) cannot provide a valid Income Tax Clearance Certificate, the bidder must submit a letter from SARS on an original SARS letterhead that their tax matters are in order.

1.2.7.2 Construction Industry Development Board (CIDB)

When applicable, a certified copy of the bidder's registration and grading certificate with the CIDB must be included with the tender. Failure to do so will result in the disqualification of the tender.

1.2.7.3 Municipal Rates, Taxes and Charges

- (a) A certified copy of the bidder's municipal account for the month preceding the tender closure date must accompany the tender documents.
- (b) Any bidder which is or whose directors are in arrears with their municipal rates and taxes or municipal charges due to any Municipality or any of its entities for more than three months and have not made an arrangement for settlement of same before the bid closure date will be disqualified.

1.2.8 Authorized Signatory

- (a) A copy of the recorded Resolution taken by the Board of Directors, members, partners or trustees authorizing the representative to submit this bid on the bidder's behalf must be attached to the Bid Document on submission of same.

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(b) A bid shall be eligible for consideration only if it bears the signature of the bidder or of some person duly and lawfully authorized to sign it for and on behalf of the bidder.

1.2.9 Site / Information Meetings

Site or information meetings, if specified, are compulsory. Bids will not be accepted from bidders who have not attended the site or information meeting on the specified date.

1.2.10 Samples

Samples, if requested, are to be provided to the Municipality with the tender document and are not returnable.

1.2.11 Quantities of Specific Items

If tenders are called for a specific number of items, Council reserves the right to change the number of such items to be higher or lower. The successful bidder will then be given an opportunity to evaluate the new scenario and inform the Municipality if it is acceptable. If the successful bidder does not accept the new scenario, it will be offered to the second placed bidder. The process will be continued to the Municipality's satisfaction.

1.2.12 Submission of Tender

(a) The tender must be placed in a sealed envelope, or envelopes when the two-envelope system is specified, clearly marked with the tender number, title as well as closing date and time and be

- placed in the **tender box at the Ground Floor in the Buller / Investment Centre, 15 Main Road, Vredenburg by not later than 12:00 on the specified closing date.**

(b) Faxed, e-mailed and late tenders will not be accepted. Tenders may be delivered by hand, by courier, or posted at the bidder's risk and must be received by the deadline specified above, irrespective of how they are sent or delivered.

1.2.13 Expenses Incurred in Preparation of Tender

The Municipality shall not be liable for any expenses incurred in the preparation and submission of the tender.

1.2.14 Contact with Municipality after Tender Closure Date

Bidders shall not contact the Saldanha Bay Municipality on any matter relating to their bid from the time of the opening of the bid to the time the contract is awarded.

If a bidder wishes to bring additional information to the notice of the Saldanha Bay Municipality, it should do so in writing to the Saldanha Bay Municipality. Any effort by the firm to influence the Saldanha Bay Municipality in the bid evaluation, bid comparison or contract award decisions may result in the rejection of the bid.

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1.2.15 Opening, Recording and Publications of Tenders Received

(a) Tenders will be opened on the closing date immediately after the closing time specified in the tender documents. If requested by any bidder present, the names of the bidders, and if practical, the total amount of each bid and of any alternative bids will be read out aloud.

(b) Details of tenders received in time will be published on the Municipality's website as well as recorded in a register which is open to public inspection.

1.2.16 Evaluation of Tenders

Tenders will be evaluated in terms of their responsiveness to the tender specifications and requirements as well as such additional criteria as set out in this set of tender documents.

1.2.17 Supply Chain Management Policy and Regulations

Bids will be awarded in accordance with the PREFERENTIAL PROCUREMENT POLICY adopted by Council on 19 January 2023, R5/1-23 as well as the Municipality's Supply Chain Management Policy.

1.2.18 Contract

The successful bidder will be expected to sign the agreement of this bid document within 7 (seven) days of the date of notification by the Saldanha Bay Municipality that his/her bid has been accepted. **The signing of the relevant sections of this bid document signifies the conclusion of the contract. The Municipality, at its discretion, may request the signing of an additional Service Level Agreement which, together with the signed tender document, will constitute the full agreement between the Municipality and the successful bidder.**

1.2.19 Language of Contract

The contract documents will be compiled in English and the English versions of all referred documents will be taken as applicable.

1.2.20 Stamp and Other Duties

The successful bidder will be liable for all duties and costs on legal documents resulting in the establishment of a contract and for the surety and retentions.

1.2.21 Wrong Information Furnished

Where a contract has been awarded on the strength of the information furnished by the bidder which, after the conclusion of the relevant agreement, is proved to have been incorrect, the Municipality may, in addition to any other legal remedy it may have, recover from the contractor all costs, losses or damages incurred or sustained by the Municipality as a result of the award of the contract.

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1.2.22 Enquiries

Enquiries in connection with this tender, prior to the tender closure date, regarding the Supply Chain Management related aspects, may be addressed to Viandro van Wyk, Tel: 022 701 7168 or e-mail viandro.vanwyk@sbm.gov.za Enquiries regarding the specifications may be addressed to Cassie du Preez, email: cassie.dupreez@sbm.gov.za

1.2.23 Intellectual Property Ownership

The tenderer / Contractor agrees to tender and perform the mutually agreed services as stipulated in the tender and any amendments thereto on the basis that the Tenderer / Contractor (T/C) hereby assigns to SBM all rights, including, without implication, copyrights, patents, trademark rights, and any other intellectual property rights associated with any ideas, concepts, techniques, inventions, processes, works of authorship, confidential information or trade secrets. (i) Developed or created by the T/C, solely or jointly with others during the course of performing work for or on behalf of SBM.

(ii) That the T/C conceives, develops, discovers or makes in whole or in part during the T/C employment by SBM that relate to the business of SBM.

If, notwithstanding the foregoing, the T/C for any reasons retains any right, title or interest in or relating to any Work Product, the T/C agrees promptly to assign, in writing and without any requirement of further consideration, all such right, title and interest to SBM. Upon request of SBM at any time during or after the Employment Period, the T/C will take such further actions, including execution and delivery of instruments of conveyance, as may be appropriate to evidence, perfect, record or otherwise give full and proper effect to any assignments of rights under or pursuant to this tender. The T/C will promptly disclose to SBM any such work product in writing.

1.2.24 Waste Management

All tenderers need to ensure correct waste provisions are in place during the project period, and that the construction area is cleaned of all waste after completion to ensure that the environment is not polluted in any way.

Waste should be disposed of at a registered Landfill Site or Municipal drop off facility, documented proof (safe disposal certificates) need to be submitted before final payment will be processed. Contractors should make use of skips or any other temporary containers to store their waste during the construction process to avoid windblown litter and to comply with Municipal Regulations. All technical departments/ project managers/ consultants appointed by Saldanha Bay Municipality should make waste management a compulsory item to discuss and monitor during construction meetings.

The Municipality will enforce penalties if adequate waste provisions are not in place during construction period or if waste is not disposed of in a legal manner during or after construction period, please refer to below sections of the Municipal By-laws:

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Section 21 (1): Plans and inspections: “An owner or occupier or any person responsible for the submission of building plans for a new building or an alteration to an existing building must include therein the manner in which building waste will be handled.”

Section 21 (2): “An authorised official of the Municipality must inspect and verify that the waste arrangements contemplated in subsection (1) were followed and all building waste disposed of as part of the final municipal sign-off of the building activities.”

Section 22 (1): Generation and Storage: “Notwithstanding the waste arrangements contemplated in section 21, the owner or occupier of premises on which building waste is generated or the person engaged in any activity which causes such waste to be generated, must ensure that-

- (a) All building waste and the containers used for the storage thereof is kept on the premises on which the building waste is generated;
- (b) The premises on which the building waste is generated does not become unsightly or cause a nuisance as a result of accumulated building waste;
- (c) Any building waste which is blown off the premises, is promptly retrieved.”

Section 22 (2): “Upon written request and subject to conditions as it may determine the municipality may approve the use of a bulk container placed on verge for a specified duration.”

Section 22 (3): “The Municipality may instruct an owner or occupier of premises on which building waste is generated or person engaged in any activity which causes such waste to be generated to make use of special containers to dispose of it and will determine a tariff for the use of such containers should these be provided by the Municipality.”

Section 23 (1): Removal and Disposal: “The owner or occupier of premises on which building waste is generated or the person engaged in any activity which causes such waste to be generated, must ensure that all building waste is removed and disposed of continuously during construction so as to prevent unnecessary accumulation of such waste.”

Section 23 (2): “Building waste must be disposed of at a waste handling or waste disposal facility determined by the Municipality.”

Please ensure compliance to all regulations and by-laws of Saldanha Bay Municipality.

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1.2.25 Submission of Invoices:

The successful bidder(s) to ensure compliance with Section 20(4) of the Value Added Tax (VAT) Act, 89 of 1991.

In terms of Section 20(4) of the Act, the TAX INVOICE(S) received from registered Vat vendors MUST bear the following information:

- The words "TAX INVOICE" in a prominent place;
- Name, address and VAT registration number of the supplier;
- The name and address: Saldanha Bay Municipality, Private Bag X12, Vredenburg, 7380;
- The Saldanha Bay Municipality VAT registration number: 41001113150;
- Unique VAT invoice number and date of issue;
- Accurate description of goods and/or services;
- Quantity or volume of goods or services supplied; and
- Price and VAT amount and percentage (%).

Failure to comply with abovementioned will result in payments not been made timeously.

Also take note that Saldanha Bay Municipality will not be liable for any late payments as a result of invalid Tax Invoice submitted by suppliers

I hereby declare compliance with Section 20(4) of the Value Added Tax (VAT) Act, 89 of 1991 and that I am duly authorised to sign on behalf of the company

PRINT NAME

SIGNATURE

DATE

SECTION 1.3

General Conditions of Contract

1. Definitions

1. The following terms shall be interpreted as indicated:

- 1.1 "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 "Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.4 "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.6 "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 "Day" means calendar day.
- 1.8 "Delivery" means delivery in compliance of the conditions of the contract or order.
- 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.
- 1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.

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- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable.

Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

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

- 1.14 "GCC" means the General Conditions of Contract.

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

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

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

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

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

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

- 1.21 "Purchaser" means the organization purchasing the goods.

- 1.22 "Republic" means the Republic of South Africa.

- 1.23 "SCC" means the Special Conditions of Contract.

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1.24 “Services” means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract.

1.25 “Written” or “in writing” means handwritten in ink or any form of electronic or mechanical writing.

2. Application

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

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

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

3. General

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

3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

4. Standards

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

5. Use of contract documents and information; inspection.

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

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- 5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

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

7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
 - (a) A bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) A cashier's or certified cheque.
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.

8. Inspections, tests and analyses

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

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- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk.
- Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. Packing

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract.

The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage.

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Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

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

10. Delivery and documents

- 10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 10.2 Documents to be submitted by the supplier are specified in SCC.

11. Insurance

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

12. Transportation

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

13. Incidental services

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) Performance or supervision of on-site assembly and/or commissioning of the supplied goods;
 - (b) Furnishing of tools required for assembly and/or maintenance of the supplied goods;
 - (c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
 - (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
 - (e) Training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.

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

14. Spare parts

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

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

(b) In the event of termination of production of the spare parts:

(i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and

(ii) Following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

- 15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract.

The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

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

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

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

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

16. Payment

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

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

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

16.4 Payment will be made in Rand unless otherwise stipulated in SCC.

17. Prices

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

18. Contract amendments

18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

19. Assignment

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

20. Subcontracts

20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under these contracts if not already specified in the bid.

Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. Delays in the supplier's performance

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.
- 21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
- 21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

- 22.1 Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

23. Termination for default

- 23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
- (a) If the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
 - (b) If the Supplier fails to perform any other obligation(s) under the contract; or
 - (c) If the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
- 23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
- 23.5 Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.
- 23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
- (i) The name and address of the supplier and / or person restricted by the purchaser;
 - (ii) The date of commencement of the restriction;

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- (iii) The period of restriction; and
- (iv) The reasons for the restriction.

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

- 23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years.

The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

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

25. Force Majeure

- 25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof.

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

26. Termination for insolvency

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

27. Settlement of Disputes

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

- 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation.

No mediation in respect of this matter may be commenced unless such notice is given to the other party.

- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.

- 27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

- 27.5 Notwithstanding any reference to mediation and/or court proceedings herein;

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

(b) The purchaser shall pay the supplier any monies due the supplier.

28. Limitation of liability

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

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(a) The supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and

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

29. Governing language

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

30. Applicable law

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

31. Notices

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

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

32. Taxes and duties

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

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

32.3 No contract shall be concluded with any bidder whose tax matters are not in order.

Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.

33. National Industrial Participation (NIP) Programme

- 33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.

34 Prohibition of Restrictive practices

- 34.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
- 34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.
- 34.3 If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

SECTION 1.4

SPECIAL CONDITIONS OF CONTRACT

1. PLEASE NOTE THAT SECTION A IS AN ITEM SECTION AND WILL BE EVALUATED AND AWARDED PER ITEM. If all sub-items (line items) are not quoted on, the item will be considered as non-responsive.

SECTION B HAS 6 SUB-SECTIONS BUT WILL BE EVALUATED AND AWARDED AS A WHOLE. If all sub-sections are not quoted on, the section will be considered as non-responsive.

2. Please note that all prices should include all accommodation and traveling to the Saldanha Bay municipal area. No additional amounts will be claimable for the above mentioned unless otherwise stated.
3. All prices quoted will be considered firm for the period of tender (24 months).
4. Par 1.2.6(e) supersedes Par 1.25 of the GCC relating to tender documents must be completed in handwriting.

SECTION 2.1

MBD 1

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE SALDANHA BAY MUNICIPALITY.

BID NUMBER: SBM 25/22/23

CLOSING DATE: 06 April 2023

CLOSING TIME: 12:00

DESCRIPTION: APPOINTMENT OF CONTRACTORS FOR LABOUR AND INSTALLATION WORK WITHIN THE ELECTRICAL FIELD OF SALDANHA BAY MUNICIPALITY FOR A 2-YEAR PERIOD.

The successful bidder will be required to fill in and sign a written Contract Form (MBD 7.2).

BID DOCUMENTS MAY BE POSTED TO:

Private Bag X12

Vredenburg

Western Cape

7380

OR DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)

15 Main Road

Buller/ Investment Centre

Ground Floor

Vredenburg

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

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

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

NAME OF BIDDER

POSTAL ADDRESS

STREET ADDRESS

TELEPHONE NUMBER

CODE..... NUMBER.....

CELLPHONE NUMBER.....

EMAIL ADDRESS.....

FACSIMILE NUMBER

CODE..... NUMBER.....

VAT REGISTRATION NUMBER

HAS A TAX CLEARANCE CERTIFICATE BEEN ATTACHED (MBD 2)? **YES / NO**

HAS A SANAS APPROVED B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE OR B-BBEE AFFIDAVIT BEEN SUBMITTED? (MBD 6.1)

YES / NO

IF YES, WHO WAS THE CERTIFICATE ISSUED BY?

AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA).....☐

A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS); OR.....☐

A REGISTERED AUDITOR☐

[TICK APPLICABLE BOX]

(A SANAS APPROVED B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE OR B-BBEE AFFIDAVIT MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE)

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS / SERVICES OFFERED BY YOU? **YES / NO**

(IF YES ENCLOSE PROOF)

SIGNATURE OF BIDDER.....

SALDANHA BAY MUNICIPALITY

DATE.....

CAPACITY UNDER WHICH THIS BID IS SIGNED.....

TOTAL BID PRICE

TOTAL NUMBER OF ITEMS OFFERED.....

(IF APPLICABLE)

(IF APPLICABLE)

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

Department: Supply Chain Management

Contact Person: Viandro van Wyk

Tel: 022 701 7168

Fax: 022 714 1028

Email address: viandro.vanwyk@sbm.gov.za

SECTION 2.2

MBD 2

TAX CLEARANCE CERTIFICATE REQUIREMENTS

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 these requirement bidders are required to complete in full the attached form TCC 001 "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.
- 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 In bids where Consortia / Joint Ventures / Sub-contractors are involved, each part must submit a separate Tax Clearance Certificate.
- 4 Copies of the TCC 001 "Application for a Tax Clearance Certificate" form are available from any SARS branch office nationally or on the website www.sars.gov.za.
- 5 Applications for the Tax Clearance Certificates may also be made via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.

SECTION 3.1**MBD 4****DECLARATION OF INTEREST**

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

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

3.2 Identity Number:

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

3.4 Company Registration Number:

3.5 Tax Reference Number.....

3.6 VAT Registration Number:

3.7 The names of all directors / trustees / shareholder's 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 company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

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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

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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:

.....

.....

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

Full Name	Identity Number	State Employee Number

.....

Signature

.....

Date

.....

Capacity

.....

Name of Bidder

SECTION 3.2**MBD 6.1****PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 AND PREFERENTIAL PROCUREMENT POLICY OF COUNCIL: 80/20 PREFERENCE POINT SYSTEM**

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, PREFERENTIAL PROCUREMENT REGULATIONS, 2022 AND PREFERENTIAL PROCUREMENT POLICY OF COUNCIL.

1. GENERAL CONDITIONS**1.1 The following preference point system is 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

1.2 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 (B-BBEE status level contribution and Locality).

1.3 The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20 (10 BBBEE and 10 Locality)
TOTAL POINTS FOR PRICE AND SPECIFIC GOALS	100

1.4 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.**1.4.1 B-BBEE**

Failure on the part of a tenderer to submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African National Accreditation System (SANAS), or a sworn affidavit confirming annual turnover and level of black ownership in case of an EME and QSE together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

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1.4.2 LOCALITY

Failure on the part of tenderer to submit the following:

- where the tenderer is the owner of the property / business:
 - municipal account registered in the name of the tenderer not older than 3 months;
- where the tenderer is not the owner of the property / business:
 - a valid lease agreement; or
 - affidavit from the property owner that the address used to claim points in the MBD 6.1 is being rented out to the tenderer at no cost not older than 3 months.
- Where the tenderer submitted incorrect or outdated information (account, lease agreement or affidavit) or none of the above, it will be interpreted to mean that preference points for Locality are not claimed.

- 1.5 The municipality 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 municipality.

2. DEFINITIONS

- (a) **“all applicable taxes”** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- (b) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (c) **“B-BBEE status level of contributor”** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (d) **“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;
- (e) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (f) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (g) **“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
- (h) **“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 THE 80/20 PREFERENCE POINT SYSTEMS

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

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80/20

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

4.1 POINTS AWARDED FOR PRICE THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

$$Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

5. POINTS AWARDED FOR SPECIFIC GOALS

In terms of the Preferential Procurement policy of Council section 5(2) and 7(2), 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 and 2 below as may be supported by proof/ documentation stated in the conditions of this tender:

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5.1 B-BBEE

B-BBEE Status Level of Contributor	Number of Points for Preference (80/20)
1	10
2	9
3	7
4	6
5	4
6	3
7	2
8	1
Non-compliant contributor	0

5.2 LOCALITY

Locality of supplier	Number of Points for Preference (80/20)
Within the boundaries of Saldanha Bay Municipality	10
Within the boundaries of the West Coast District	5
Within the boundaries of the Western Cape	2
Outside the boundaries of the Western Cape or failure to provide proof	0

6. DECLARATION

Bidders who claim points in respect of B-BBEE and Locality must complete the following:

6.1 B-BEE-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 5.1

B-BBEE Status Level of Contribution: _____ (maximum of 10 points)

6.2 LOCALITY CLAIMED IN TERMS OF PARAGRAPH 1.4 AND 5.2

LOCALITY: _____ (maximum of 10 points)

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7. DECLARATION WITH REGARD TO COMPANY / FIRM

7.1 Name of company / firm: _____

7.2 Company registration number: _____

7.3 VAT registration number: _____

7.4 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]

7.5 MUNICIPAL INFORMATION

Municipality where business is situated: _____

Street address of business:

Registered municipal account number: _____

7.6 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;

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- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 5, 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:

.....

.....

SECTION 3.3**MBD 8****DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**

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

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's database as a company or person 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 National Treasury after the <i>audi alteram partem</i> rule was applied).	☐	☐
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)? (To access this Register, enter the National Treasury's website, www.treasury.gov.za, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445).	☐	☐
4.2.1	If so, furnish particulars:		

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

SALDANHA BAY MUNICIPALITY

DECLARATION OF MUNICIPAL ACCOUNTS OF COMPANY AND DIRECTORS

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 ☐
--	---------------------------------	--------------------------------

The Tenderer must affix proof of Municipal Accounts or valid lease agreements of the company as well as Directors and also complete the addresses of Directors below. If the Bidder has more than 12 Directors, a schedule with addresses must also be attached to the tender document.

Director 1 Address:

Mr. / Mrs _____

Director 2 Address:

Mr. / Mrs _____

Director 3 Address:

Mr. / Mrs _____

Director 4 Address:

Mr. / Mrs _____

Director 5 Address:

Mr. / Mrs _____

Director 6 Address:

Mr. / Mrs _____

Director 7 Address:

Mr. / Mrs _____

Director 8 Address:

Mr. / Mrs _____

Director 9 Address:

Mr. / Mrs _____

Director 10 Address:

Mr. / Mrs _____

Director 11 Address:

Mr. / Mrs _____

Director 12 Address:

Mr. / Mrs _____

SECTION 3.4**MBD 9****CERTIFICATE OF INDEPENDENT BID DETERMINATION**

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

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

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

CERTIFICATE OF INDEPENDENT BID DETERMINATION

MBD 9

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.

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

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

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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 (Company)

SECTION 4.1

DETAILED SPECIFICATIONS

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 wording shall have the meanings hereby assigned to them, but in all cases, the labour will be for a functional unit, therefore, no item will be split into the components of an item [E.g. - Line or conductor will refer to all three conductors for 11kV]:

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.

Line: All 3 phases and neutral/earth, or all four conductors to be included in a metre.

Cable: All 3 phases and neutral, or all four cores to be included in a metre

- 1.4 **The price for each Item shall include the cost of all labour both skilled and unskilled, including transport, equipment, tools, supervision and any small items required to complete the service or function 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 and render it non-responsive.
- 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 value of the specific proposed Services.
- 1.7 This Schedule must be completed in black ink.

2. Units of Measurements

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

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Abbreviations used in the Price Schedule are as follows:

mm	millimetre	h	hour	MPa	Mega Pascal
m	Metre	m ²	square metre	m ³	cubic metre
km	kilometre	ha	hectare	MN	Mega Newton
kg	kilogram	l	litre	MN.m	Mega Newton-metre
T	ton (1000kg)	kl	kilolitre	kW	Kilowatt
kV	Kilovolt	MV	Medium Volt 11kV	V	Volt
sum	lump sum	PC sum	Prime Cost sum	Prov sum	Provisional sum
%	Percent	p.u. (pu)	Per Unit	SF6	Sulphur Hexafluoride
A	Ampere	Each	All foreseen work		

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 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.
- 3.4 Entries must not be made (added) 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.**
- 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. Evaluation Notes:

- 4.1. **Items will be evaluated separately and will be awarded per Item for Section A. Accordingly, tenderers may elect on what Items to tender. If a Tenderer does not price an Item in full (all lines), it will be deemed that the tenderer does not want to tender on that specific Item. Items not tendered on must be crossed out. Section B will be awarded on total price. All lines must be tendered upon.**

5. 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.

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- 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.
- 6.2. 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, or the Contractor's services are not readily available.
- 6.3. **Special arrangements will be made for emergency work after hours, Weekends and Public Holidays. No tariff adjustment will be allowed on a normal day for planned work being done after the closing hour of the business day.**

Hours or Days contracted	Tariff
After hours and Saturdays	X 1.5
Sundays and Public holidays	X 2

No work is to be performed on a Saturday, Sunday and/or Public Holiday without the written authority of the Senior Manager: Electrotechnical Services or his delegated official.

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BRIEF SPECIFICATIONS

IMPORTANT NOTICE

SECTION A IS AN ITEM SECTION AND WILL BE EVALUATED AND AWARDED PER ITEM.

SECTION B WITH SUBSECTIONS, WILL BE EVALUATED AND AWARDED AS ONE ITEM.

The underneath specifications are just brief specifications, and Tenderers must ensure that items tendered for, shall render a service which shall result in full functionality after the service has been rendered, notwithstanding any omissions in the brief specifications. Costs to finalise a service rendered to obtain full functionality and meet all the necessary safety standards will be for the account of the tenderer. **‘Install / Installation’ shall in all cases mean that, after completion by the tenderer, the work will be fully functional / serviceable to a generally accepted level, notwithstanding any omissions in the brief specifications.**

Tenderers must take note that only suitably qualified, certified and authorised personnel for specialised work or any other specialised level of expertise that might be required for a task, as will be determined by Council, shall be allowed to work on such tasks, and failure to comply with the aforementioned, will result in administrative steps to be taken, which may lead to or result in cancellation of the contract.

Tenderers not delivering within the agreed upon time allocation, or do not comply to the time schedules as determined by Council, without a valid reason, will result in administrative steps to be taken, which may lead to, or result in, cancellation of the contract.

Council will supply the material for the labour required on this tender, BUT tenderers must make provision in their pricing on the tender prices, for the smaller quantities of smaller consumables, including but not limited to, screws and fisher plugs, bolts and nuts, lugs and ferrules, orange cable warning tape and barrier(chvron) tape, insulation tape, rags, saddles, etc.

Also note that all activities on this tender will take place in the Saldanha Bay Municipal Area (Vredenburg, Saldanha Bay, Jacobsbaai, Paternoster, St Helena Bay, Hopefield & Langebaan). All equipment must be collected from the Municipal Stores or Electrical Workshops as far as possible.

Tenderers may not, to suit the tenderer’s needs, alter, modify, adjust, substitute or in any other way make changes to the material supplied for a project, without the written permission of the Senior Manager of the Electrical Department or his delegated official.

All tenderers must supply their own vehicles, plant, machinery, tools, equipment and items needed to perform the work, as well as the transport thereof. Any of the aforementioned needed from Council by the tenderer, will be rented at tariffs to be determined and shall only be supplied after payment has been received by the Financial Department.

General Item Specifications applicable on most items

Undermentioned specifications shall be applicable and so tendered per item as per these specifications listed, within each of the Main items as indicated on the Pricing Schedule:

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A. Surveying

Route establishment and clarification with Council.

Line design and drawing of span sheet on smallest, A3 paper – electronic format preferred.

Pegging out of route and GPS data capturing.

G.P.S. Co-ordinates on diagram on smallest, A3 paper – electronic format preferred.

B. Traffic Control

Including, but not limited to:

- i) Co-ordination with Traffic Department
- ii) PPE for all workers & High visibility clothing (reflective) for all personnel
- iii) Stop-and-go Traffic Control Points
- iv) Flashing Amber Lights (during night-time)
- v) Barricading nets
- vi) Traffic Cones
- vii) Road Barriers
- viii) Traffic Control Vehicle (if applicable)
- ix) All Construction Vehicles to be marked with signage as per legislation
- x) Men at work Road Signs
- xi) Flagmen with red flags
- xii) Two-way radios for communication

C. Site Establishment

Cost to establish specialised equipment or containers on the site where work must be performed. This excludes normal transport of maintenance material and/or personnel.

SECTION A: GENERAL LABOUR FOR ELECTRICAL CONSTRUCTION & MAINTENANCE WORK [EXCLUDING PROJECTS] TO BE AWARDED PER ITEM

ITEM 1: Anti-Vandalism Activities

Installation of Anti-vandalism methods

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

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

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 pole with cement
- 3 Build plinth around foot of pole (wall and pole mount) up to 2750mm high.

C Cement blocks or any other equipment/material over cable

- 1 Build cement/concrete structure over cable and fill with cement and cover with topsoil

D Installation of other anti-vandalism devices

- 1 Install council approved devices over/onto cable and equipment by means of brackets and tie-downs
- 2 Repair of vandalised steel structures – welding, inserting steel reinforcements

E Concrete covering or concrete blocks

- 1 Concrete delivered to site and thrown per cubic metre

F Fencing and Vibracrete

- 1 Replace cut fencing per square metre – both diamond mesh and ClearVue
- 2 Replace vibracrete slabs per panel of 6 to 8 slabs
- 3 Replace barbed or razor wire, or similar wire, per running metre
- 4 Repair/Replace electrification wiring and accessories per running meter

ITEM 2: Distribution Kiosks

A Civil Works:

- 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

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- 8 Reinstatement of Soil
- 9 Trenching: W300mm, D450mm – Hard soil, established pavements and driveways
- 10 Sleeve laying under driveways and established pavements
- 11 Cable Jointing: Any size, any number of cores

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, 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

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** Reinstatement of Joint Bay or Trenches to original compaction and finish
 - 1 Tarmac

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- 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
- 4 Heat Shrink Straight Joint, 300mm² - 500/600mm² single core per core

D Cable Terminations 11Kv

Indoor Termination (Heat Shrink)

Including:

Installation of securing devices, Installation of Lugs, Reconnection of Termination onto Switchgear, Installation of Flexible Boots or Taping

- 1 16mm² - 70mm²
- 2 95mm² - 150mm²
- 3 185mm² - 300mm²
- 4 300mm² - 500/600mm² single core per core

Outdoor Terminations (Heat Shrink)

Including:

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

- 5 16mm² - 70mm²
- 6 95mm² - 150mm²
- 7 185mm² - 300mm²
- 8 300mm² - 500/600mm² single core per core

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

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- 6 Hole for Pole, 1.5m Hard Soil
- 7 Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Soft Soil
- 8 Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Intermediate Soil
- 9 Hole for Stay, 2mx20mm 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: 2 x Threaded Rod Assemblies, 20mm x 350mm, 10m x Stay Wire, 7 x 4mm (for earthing), 10 x U-nails (for fastening 7 x 4mm wire)
- 2 **Dressing of 11m Wooden Poles with A-frame, Intermediate Structures**
Including: 2 x Threaded Rod Assemblies, 20mm x 350mm
- 3 **Dressing of 11m Wooden Poles with Strain Cross Arm**
Including: 2 x Threaded Rod Assemblies, 20mm x 350mm, 1 x Bonding Clip
- 4 **Dressing of 11m Terminal Structure, with Insulators**
Including: 3 x D-shackles, 3 x Long Rod Insulators - 22Kv, 3 x Clevis Thimbles
Excluding: 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: 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: Strain Cross Arms measured elsewhere
- 7 **Dressing of 11m Intermediate Structure, with Insulators**
Including: 3 x Line Post Insulators, 11 or 22Kv, 3 x Spindles, 50mm
- 8 **Installation of 11m Wooden Poles (Terminal, Strain and Intermediate)**
Including: Backfilling and compaction
- 9 **Installation of 9m Wooden Poles**
Including: Backfilling and compaction
- 10 **Installation of a 9 or 11m Strut Pole**
Including: 1 x L-Bracket, 4 x Threaded Rod Assemblies 20mm x 350mm, Backfilling and compaction of Strut Hole
- 11 **Installation of Normal Stay**
Including: 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, Backfilling and compaction of stay hole

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12 Installation of Flying Stay

Including: 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 - 2m x 20mm, 1 x Stay Plate-- 450mm x 450mm, Backfilling and compaction of Stay Hole

Excluding: Installation of 9m pole measured elsewhere

13 Installation of Rock Anchor

Including: 1 x Pole Top Make-off, 3 x Guy Grip Dead Ends, 1 x Stay Insulator, 10m Stay Wire - 7mm x 4mm, 1 x Rope Thimble, 1 x Rock Anchor Rod

Excluding: Hole 1m x 32mm, measured elsewhere

14 Installation of Drop-out Fuses

Including: 3 x L-Brackets, 3 x Fuse Holders, 3 x Fuse Tubes/Links or Solid Links, 3 x Connections to lines or transformer bushings

C Installation of Conductors:

- 1 Fir/Pine Conductors (3 phases running out and hook into pulleys)
- 2 Oak/Ash Conductors (3 phases running out and hook into pulleys)
- 3 Termination of Conductor on 11m A-frame, Terminal Structure, irrespective of conductor size and Span lengths
Including: 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
- 4 Termination of Conductor on 11m A-framed pole, Strain Structure
Including: 3 x initial tensioning of Conductor, 3 x tensioning with Dynamometer to specification, 6 x Installation of Dead Ends, 3 x Installation of jumpers, 3 x Installation of non-tension crimps
- 5 Binding of Conductors, on 11m Intermediate A-framed pole Structures
Including: 3 x Lifting Conductor from pulley to Line Post Insulator, 3 x Installation of Rubber Tube underneath Conductor, 3 x Installation of Wraplock™ Ties
- 6 Installation of **Spiral or other Vibration Dampers**, irrespective conductor size

D Installation of Transformer:

- 1 Installation of pole mounted transformer irrespective of kVA rating 16-100kVA
Including: 4 x Threaded Rod Assemblies 20mm x 450mm, 2 x Transformer Brackets
- 2 Installation of transformer on a platform, irrespective of kVA rating 16 - 400kVA
Including: 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
- 3 Installation of transformer on a 4- Pole Structure, irrespective of kVA rating 160 - 500kVA
Including: 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
- 4 Installation of 12kV Surge Arresters
Including: 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, 3 x Twisted Lug Bolts (for connection of droppers onto transformer bushings)
- 5 Installation of all Earthing at Transformer Station
Including: 11m Insulated Earth Wire, 16mm² and/or 35mm² bare copper/galvanised steel, 1 x Earth Rod, 1.5m or earth mats, 3m Galvanised Conduit - 20mm, 15m Bare Copper Earth Wire - 16 or 35mm², 2 x Earth Rod Clamps, 1 x Lug 16mm² x 12mm, 5m Stainless Steel Strapping and 5 x Stainless Steel Buckles, Earth Resistant Test (Reading must be lower than 20Ω)
- 6 Installation of LV Earthing at Transformer Station

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Including: 1 x Surge Arrester, 6kV, Connection between 6kV Arrester and Neutral bushing of transformer, 8m Insulated Earth Wire, 16mm², 1 x Earth Rod - 1.5m or earth mat, 1m Galvanised Conduit - 20mm, 15m Bare Copper Earth Wire, 16 or 35mm², 4 x Earth Rod Clamps, 1 x Lug 16mm² x 10mm, 5m Stainless Steel Strapping and 5 x Stainless Steel Buckles, Earth Resistant Test (Reading must be lower than 10Ω)

7 Installation of Meter Box at Transformer Station

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

E Surveying

F Traffic Control

Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced

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

A Demolishing of Existing Power Lines:

1 Removal of steel or wooden poles irrespective of length

Including: Cutting of poles more than 300mm beneath ground level, Removal of Cross Arm, Stays and Insulators, Transport and Offloading at Vredenburg Municipal Stores, irrespective of distance.

2 Removal of stays

Including: Cutting of Stay Rods more than 300mm beneath ground level, Transport and Offloading at Vredenburg Municipal Stores, irrespective of distance

3 Removal of all three Conductors, irrespective of size or length, type of conductor between poles (pole to pole)

Including: Coiled, Transport and Offloading at Vredenburg Municipal Stores, irrespective of distance

4 Removal of Transformers, irrespective of size

Including: Removal from structure, Safe handling of transformer, Transport and Offloading at Vredenburg Municipal Stores, irrespective of distance

B Traffic Control

1 Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced

ITEM 6: Erection and Maintenance: 66kV Overhead Lines

A Excavation Work:

- 1** Hole for Pole, 2m Soft Soil
- 2** Hole for Pole, 2m Intermediate Soil
- 3** Hole for Pole, 2m Hard Soil
- 4** Hole for Stay, 2m x 20mm stay rod, 600mm x 600mm stay plate - Soft Soil
- 5** Hole for Stay, 2m x 20mm stay rod, 600mm x 600mm stay plate - Intermediate Soil
- 6** Hole for Stay, 2m x 20mm stay rod, 600mm x 600mm stay plate - Hard Soil
- 7** Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill
- 8** Hole for Pole, 2m x 405mm diameter - Rock Drill

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- 9 Hole for Stay for 2m x 405mm diameter, round stay plate - Rock Drill

B Construction Work:

1 Assembling of 12 or 13m wooden H-pole, Terminal and Strain Structure

Including: 2 x 12/13m Poles, 180-200 top; 2 x 5m Wooden Cross-arm, 160-180 top; 2 x 7m Wooden Cross Braces, 120-140 top; 7 x Threaded Rod Assemblies, 20mm x 600mm; 3 x Eye Bolt Assemblies, 20mm x 350mm; 5 x Bonding Clips; 17m Stay Wire, 3 x 3.35mm (for bonding and earthing); 15 x U-nails (for fastening 3 x 3.35 wire); 2 x Pole Top Covers

2 Assembling of 13m wooden H-pole, Intermediate Structure

Including: 2 x 13m Poles, 180-200 top; 1 x 5m Wooden Cross-arm, 160 - 180 top; 2 x Threaded Rod Assemblies, 20mm x 450mm; 3 x Eye Bolt Assemblies, 20mm x 350mm; 5 x Bonding Clips; 17m Stay Wire, 3 x 3.35mm (for bonding and earthing); 15 x U-nails (for fastening 3 x 3.35 wire); 2 x Pole Top Covers

3 Installation of 12m or 13m Wooden Pole H-structure, Terminal, Strain and Intermediate structures

Including: Lifting with crane truck; Backfilling and compaction

4 Installation of Normal Stay

Including: 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, 600mm x 600mm, Backfilling and compaction of stay hole

5 Installation of Rock Anchor

Including: 1 x Pole Top Make-off, 3 x Guy Grip Dead Ends, 1 x Stay Insulator, 15m Stay Wire, 7 x 4mm, 1 x Rope Thimble, 1 x Rock Anchor Rod

6 Dressing of 12m H-pole Structures with Insulators, terminal structures

Including: 3 x Clevis Ball Adaptors, 120kN; 3 x 66kV Long Rod Insulators (Ball and Socket); 3 x Socket Thimble

7 Dressing of 12m H-pole Structures with Insulators, strain structures

Including: 6 x Clevis Ball Adaptors, 120kN; 6 x 66kV Long Rod Insulators (Ball and Socket); 6 x Socket Thimble

8 Dressing of 13m H-pole Structures with Insulators, Intermediate Structures

Including: 3 x Clevis Ball Adaptors, 120kN; 3 x 66kV Long Rod Insulators (Ball and Socket); 3 x Socket Tongue Adaptors; 3 x Suspension Cradles

C Installation of Conductors:

- 1 Ash Conductor (running out and hook into pulleys)

2 Termination of Conductor on 12m H-pole, Terminal Structure, irrespective number of Spans

Including: 3 x initial tensioning of Conductor; 3 x tensioning with Dynamometer to specification; 3 x Installation of Dead Ends; 3 x Installation of non-tension crimps

3 Termination of Conductor on 12m H-pole, Strain Structure, irrespective number of spans

Including: 3 x initial tensioning of Conductor; 3 x tensioning with Dynamometer; 6 x Installation of Dead Ends; 3 x Installation of non-tension crimps

4 Suspension of Conductors on 13m H-pole, Intermediate Structures

Including: 3 x Installation of Armour Rod Sets; 3 x Fastening of Suspension Cradles

5 Terminating of Conductor on Substation steel work, (Closing Span) irrespective Span length

Including: 6 x Clevis Ball Adaptors, 120kN; 6 x 66kV Long Rod Insulators (Ball and Socket); 6 x Dead Ends; 3 x initial tensioning of Conductor; 3 x tensioning with Dynamometer (to specification); 6 x Installation of non-tension crimp sleeves

D Surveying

E Traffic Control

- 1 Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced**

ITEM 7: Erection and maintenance of LV Overhead Lines

Includes ABC, Copper and Aluminium conductor

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
- 16** Hole for Stay for 1.5m x 405mm diameter, round stay plate, 350mm - Rock Drill

B Construction Work:

- 1 Dressing of 9m Wooden Poles, Strain and Terminal Structures for stringing conductors irrespective of conductor size**
Including: 1 x Pig Tail Bolt Assembly 16mm x 350mm; 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: 1 x L-Bracket; 4 x Threaded Rod Assemblies; Backfilling and compaction of Strut Pole Hole
- 5 Installation of Normal Stay**
Including: 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

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6 Installation of Flying Stay

Including: 2 x Pole Top Make-off; 6 x Guy Grip Dead Ends; 2 x Stay Insulators; 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; Backfilling and compaction of Stay Hole

Excluding: Installation of 9m pole measured elsewhere

7 Installation of a Rock Anchor

Including: 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

C Installation of Conductors:

1 Aluminium 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: 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, stainless steel straps and buckles; 1 x Installation of ABC end caps and bending ends of ABC

4 **Termination of conductor at 9m Strain Pole, irrespective of conductor size and number of Spans**

Including: 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; making of jumper

5 **Suspension of conductor at 9m pole, Intermediate Structures, irrespective of conductor size**

Including: 1 x Lifting conductor from pulley to Suspension Bracket, 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: 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

7 **ABC T-off, from open line, at 9m wooden Strain Structure**

Including: 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

8 **ABC T-off, from ABC line, at 9m steel Strain Structure**

Including: 1 x Mounting Bracket CS-10 Aluminium, 2m Stainless Steel Straps, 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

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

Including: 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

10 **ABC T-off, from ABC line, at 9m wooden Intermediate Structure**

Including: 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

11 **ABC T-off, from open line, at 9m wooden Intermediate Structure**

Including: 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

12 **ABC T-off, from ABC line, at 9m steel Intermediate Structure**

Including: 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

13 **ABC T-off, from open line, at 9m steel Intermediate Structure**

Including: 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

D Surveying

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E Traffic Control

- 1 Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be prices**

ITEM 8: Service Connections - New Consumers

A House Service Connections:

- 1 Installation of Pole Mounted Consumer Box or Floor mounted distribution kiosk, irrespective number of outgoing services
- 2 Installation of Consumer Supply Cable, 25, 16 or 10mm², Airdac or PVCSEA
- 3 Installation of conventional, split or prepaid meter in pole mounted box or floor mounted kiosk / or prepaid meter base and Ready board in the house
- 4 Termination and Jointing of Consumer Supply Cable, 25, 16 or 10mm² Airdac or PVCSEA

B 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 300mm wide Warning Sheet/Tape, Removal of Stones and sorting of Backfill Material, Backfill and Compaction, reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material

Excluding: Delivery of Sand to Site, Delivery of Backfill Material to Site

- 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

Including:

Installation of 300mm wide Warning Sheet/Tape, Removal of Stones and sorting of Backfill Material, Backfill and Compaction, reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt material

Excluding: Delivery of Sand to Site, Delivery of Backfill Material to Site

8 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

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 Galvanised Conduit - against poles or walls

D Traffic Control

- 1 Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced**

ITEM 9: Conversions of Service Connections (Conventional to Prepaid & Vice Versa)

A House Service Connections:

- 1 Installation of Meter back plate or split meter control board and wiring to distribution board
- 2 Installation of Consumer Supply Cable, 25, 16 or 10mm² Airdac or PVC SWA
- 3 Installation of conventional, split or prepaid meter in pole mounted box or floor mounted kiosk / or prepaid meter base and Ready board in the house or kiosk.
Installation of Ready board and Certificate of Compliance

B Site establishment

C Traffic Control

ITEM 10: Streetlights: Installation and maintenance

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

2 Installation of 5m - 7m Streetlight Pole

Including: Assembling of Pole; Luminaire; Circuit Breaker; Wiring between Luminaire and Circuit Breaker; Lamp; Connection of Supply Cables; Backfilling and Compaction

3 Installation of Streetlight Cables

LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminium, **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, Photocell, Connection of Cables

5 Removal of existing Streetlight Control Kiosk

Including: Digging out of Kiosk; Marking, 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

C Surveying

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D Traffic Control

- 1 Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced

E Removal of Existing Streetlight Poles:

- 1 Removal of steel or wooden poles irrespective of length
Including: Complete removal or Cutting of poles more than 300mm beneath ground level; Removal of Outreach Arms; Transport and Offloading at Vredenburg Municipal Stores, irrespective distance

ITEM 11: Festive Lights Installation and Connection

A Festive Lights

- 1 Installation of Festive Lights, in the following Townships: Vredenburg, Saldanha, Hopefield, Langebaan, St. Helena Bay, Paternoster, White City, Diazville, Middelpas and Louwville
Including: Collection of Festive Light Panels at Electricity Department, Vredenburg; Installation of Light Panels against Streetlight Poles by means of brackets; Panel sizes up to 2000mm Wide x 1500mm High Connection of Light Panels by means of Twin and Earth Wire into Streetlight Luminaire wiring
- 2 Removal of Festive Lights, in the following Townships: Vredenburg, Saldanha, Hopefield, Langebaan, St. Helena Bay, Paternoster, White City - Diazville, Middelpas and Louwville
Including: Disconnection of Festive Lights from Electrical System; Removal of Festive Light Panels from poles; Delivery of Festive Light Panels at Electricity Department, Vredenburg

ITEM 12: Maintenance on 30m & 15m High Mast

A Excavation Work:

- 1 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
- 2 Trenching 400mm x 750mm - Soft Soil
- 3 Trenching 400mm x 750mm - Intermediate Soil
- 4 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:
Delivery of Sand, Stone and Cement to Site, Mixing 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 70mm² Copper)

C Mechanical Construction & Maintenance Work of 30m Mast

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

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Including:

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

Excluding:

Erection of Mast - measured elsewhere Hiring of Crane - measured elsewhere

2 Dismantling of 30m Mast for maintenance and safety reasons, irrespective distance to Municipal Stores

Including:

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

Excluding:

Lowering of Mast - measured elsewhere, 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:

Installation of Luminaires, Wiring of Luminaires, Connecting of Splitter Box, Installation of Distribution Board, Connection of Supply Cable, Installation of Photocell, Alignment of Luminaires, Test and Commissioning and CoC

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

Including:

Disconnection of Supply Cable, Removal of Distribution Board, Removal of Photocell, Removal of Luminaires - irrespective number of luminaires, Removal of existing wiring, Removal of Splitter Box

E Erection and lowering of 30m Mast

1 Erection of 30m Mast by means of 30 Ton Crane

Including:

Sling of Mast, Barricading of work area, Fastening of Foundation Nuts (2 per bolt)

Excluding:

Hiring of Crane - measured elsewhere

2 Lowering of existing 30m Mast by means of 30 Ton Crane

Including:

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

Excluding:

i) Hiring of Crane - measured elsewhere, 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:

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

Excluding:

Erection of Mast - measured elsewhere, Hiring of Crane - measured elsewhere

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- 2 Dismantling of 15m Mast for maintenance and safety reasons, irrespective distance to Municipal Stores**
- Including:**
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
- Excluding:**
Lowering of Mast - measured elsewhere, 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:**
Installation of Luminaires, Wiring of Luminaires, Connecting of Splitter Box, Installation of Distribution Board, Connection of Supply Cable, Installation of Photocell, Alignment of Luminaires, Test and Commissioning and C.O.C
- 2 Removal of Electrical Components for maintenance and safety reasons, irrespective distance to Municipal Store**
- Including:**
Disconnection of Supply Cable, Removal of Distribution Board, Removal of Photocell, Removal of Luminaires - irrespective number of luminaires, 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:**
Sling of Mast, Barricading of work area, 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:**
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
- Excluding:**
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:**
Installation of Cable in trench, Casting of Concrete over cable for protection, Installation of 110mm PVC Sleeves or Galvanised Pipe, Installation of Cable into 110mm PVC Sleeve or Galvanised Pipe, Installation of 300mm Warning Sheet, Backfilling and compaction
- Excluding:**
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)**

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Including:

Site Establishment, Hiring Rate, Crane Insurance, Load under hook Insurance

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

Including:

Hiring Rate, Travelling Rate, Crane Insurance, 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:

Sandblasting of Mast or Pole bottom end, Inspection by authorised person, Welding of Mast or Pole, if necessary, re-inspection by authorised person after welding, Retreating of Mast or Pole by using Zinc Spray, Issuing of Safety Certificate

B Hiring of Crane

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

1

Including:

Site Establishment, Hiring Rate, Crane Insurance, Load under hook Insurance

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

Including:

ITEM 14: High Mast and Stadium Lights: Maintenance

A

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

1

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

Including: Lowering and rising of Lamp Cage Ring (if applicable), Installation of Winch (if applicable)

Excluding: Crane hire, measured elsewhere

2

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

Including: Lowering and rising of Lamp Cage Ring (if applicable), Installation of Winch (if applicable)

Excluding: Crane hire, measured elsewhere

3

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

Including: Lowering and rising of Lamp Cage Ring (if applicable), Installation of Winch (if applicable)

Excluding: Crane hire, measured elsewhere

4

Changing of Lenses - 400W and LED, Changing of Lenses - 1000W and 2000W

Including: Lowering and rising of Lamp Cage Ring (if applicable), Installation of Winch (if applicable):

Excluding: Crane hire, measured elsewhere

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 Mould 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 Vredenburg 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 Vredenburg Municipal Stores, irrespective distance from Stores and kVA rating of Mini-Substation, normally 160kVA to 1000kVA, **Including:** Disconnection of cables, MV and LV

C Traffic Control

- 1 **Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced**

ITEM 16: Minisubstation In-Service Maintenance

A Oil Leak Repairs:

- 1 Repair oil leaks while in service, irrespective of transformer size
- 2 Finishing of the area where the repairs were done, including cleaning and painting

B Site Establishment

- 1 Including transport to the site, and all equipment needed for the maintenance

ITEM 17: Trenching and installation of cables

A Excavation Work:

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- 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 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
- 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
- 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

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- 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, risers, 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; all strapping and other tie-down material that might be needed.

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, risers and through ducts, irrespective number of cores, Copper or Aluminium

- 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; all strapping or other tie-down material that might be needed.

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

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 Galvanised Conduit - against poles or walls

D Traffic Control

Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced

ITEM 18: 66kV Transformers: Maintenance

A Transformer General Maintenance:

- 1 Top Up oil levels - Tap changer and main transformer
- 2 Repair/Replace transformer cooling fins (oil leaks and weather degradation)
- 3 Repair/Replace of all valves and sampling points
- 4 Repair oil leaks on bushings and fins
- 5 Repair all rusted items, zinc treat and respray the whole unit
- 6 Repair earthing straps and do Earthing test
- 7 Do oil sample tests on main and OLTC tanks and report on the following, not limited to:
 - i) Moisture
 - ii) Dielectric strength
 - iii) Acidity
 - iv) Furan Analysis
 - v) Dissolved Gas
 - vi) PCB
- 8 Replace breather and/or silica gel
- 9 Repair/Replace of bushings and insulators
- 10 Replace sensors, gauges, or any other associated measuring or protective equipment

B OLTC Maintenance

- 1 Service tap changer to manufacturer's specifications
 - i) Yearly
 - ii) 3 Yearly
 - iii) 6 Yearly
 - iv) 10 Yearly

C OLTC Conversion and oil replacement

- 1 Site establishment and equipment deployment
- 2 Conversion of an ATL OLTC to an equivalent MR OLTC, including mechanism modifications, wiring and piping needed, all testing and certification
- 3 Replace oil with virgin oil

ITEM 19: 66kV Transformers: Oil Purification and Replacement

A Transformer oil conditioning (Filtration/Purification)

- 1 Site establishment and equipment deployment
- 2 Oil filtration and purification per litre
- 3 Oil sampling and testing after completion with certification (SANS)
- 4 Site restoration (cleaning of oil spills, etc.)

B Transformer oil replacement

- 1 Site establishment and equipment deployment

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- 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.)
- C Transformer oil drain and refill**
- 1 Site establishment and equipment deployment
 - 2 Drain oil into container/s supplied by the tenderer
 - 3 Replace failed items [packings, bushings, etc]
 - 4 Return oil to tank oil Ensure correct functioning of all auxiliary/monitoring equipment and relays associated with the oil
 - 5 Oil filtration and purification per litre if needed
 - 6 Oil sampling and testing after completion with certification (SANS)
 - 7 Site restoration (cleaning of oil spills, etc.)

ITEM 20: 66kV Oil, SF6 and Vacuum Breakers: Maintenance

A Breaker Maintenance (Outdoor EIB/Alstom)

- 1 Top Up oil, SF6 gas or restore vacuum
- 2 Service mechanism and associated contact mechanisms
- 3 Service and test contacts
- 4 Repair oil or gas leaks
- 5 Repair all rusted items, zinc treat and respray
- 6 Repair/Replace of bushings and insulators

ITEM 21: 11kV Oil, SF6 and Vacuum Breakers: Maintenance

A Breaker, Recloser, Sectionaliser and Ring Main Units: Maintenance (Indoor: Reyrolle, Alstom, ABB – Outdoor: Schneider, Lucy, ABB, Lucy, GEC, Reyrolle, Hawker Siddeley, etc.)

- 1 Top Up or replace oil, SF6 gas or restore vacuum
- 2 Service mechanism and associated contact mechanisms, including control gear
- 3 Service and load test contacts
- 4 Repair oil or gas leaks
- 5 Repair all rusted items, zinc treat and respray
- 6 Repair/Replace of bushings and insulators
- 7 Site establishment fee

B Breaker Retrofit/Refurbishment/Conversion (Indoor: Reyrolle)

- 1 Retrofit Reyrolle LMT/LMR/LMS oil filled breakers with new ABB VD4 vacuum breakers

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- 2 Including cable and panel modifications
- 3 Trip testing and certification after installation

New VD4 breakers supplied by Council.

ITEM 22: Mini-Substations, Transformers & RMU's: Mechanical Maintenance of 11/0.4kV

A Transformer and Tap Changer Maintenance:

- 1 Top Up oil level
- 2 Check tap changer position, functionality and contacts – replace if degraded
- 3 Replace breathers & silica gel + breather oil
- 4 Repair oil leaks
- 5 Repair all rusted items, zinc treat and respray complete
- 6 Earthing test
- 7 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
- 8 Repair transformer cooling fins
- 9 Repair of all valves and sampling points
- 10 Clean/Repair/Replace of bushings and insulators
- 11 Re-tighten all Bolts & Nuts
- 12 Record all LV fuses/circuit breakers info and inspect functionality
- 13 Check/Repair/Replace all locking devices if need be

B Ring Main Unit Maintenance

- 1 Replace the insulating oil or re-gas 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

ITEM 23: 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 Labour rate: preparation of steel cover plates, handles, hinges and locking mechanisms, including rust removal, welding in of plates or other.
- 2 Labour rate: Base coat and final coats
- 3 Labour rate: Installation of handles, hinges and locking mechanisms, etc.

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: Saldanha Bay Municipal Area)

ITEM 24: 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 Galvanises
- iii) Respray/repaint treated areas with Galvanises spray/paint
- iv) Repair/Replace inspection cover plates (new bolts)

2 Fibre 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

- 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 colour 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

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- 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 25: Underground 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 26: 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 Centres

- 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

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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

B Transport

- 1 Transport to Saldanha Bay Municipal Area

ITEM 27: 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 Holiday Resorts in the following Townships: Vredenburg, Saldanha, Hopefield, Langebaan, St. Helena Bay, Paternoster, White City, Diazville, Middelpoos and Louwville

- 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 Holiday Resorts in the following Townships: Vredenburg, Saldanha, Hopefield, Langebaan, St. Helena Bay, Paternoster, White City, Diazville, Middelpoos and Louwville

- i) Mark and labelling of all the plug circuits in the building
- ii) Test of all plug sockets with earth leakage tester according to 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 Holiday Resorts in the following Townships: Vredenburg, Saldanha, Hopefield, Langebaan, St. Helena Bay, Paternoster, White City, Diazville, Middelpoos and Louwville

- 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 to the SANS 10142-1 Testing and certification (COC) regulations.
- iii) Complete checklist and deviations for each Earth Leakage.

ITEM 28: 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 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 (surfix or drawn wires) – install

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- 2 Plug circuit fault finding and repair
 - 3 Light circuit extension (surfix 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 – surfix or drawn wires) with disconnect
 - 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
- B Certificate of Compliance**
- C Site establishment**

ITEM 29: 66kV Outdoor Equipment Maintenance

Maintenance of 66kV Outdoor Equipment, including complete replacement of existing units

A Disconnect Switches – Replacement

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) Commissioning and test certificates for all new equipment commissioned, as well as existing equipment which forms part of the equipment replaced.

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B Outdoor breakers or motorised 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
- 4** Installation and commissioning (including new cabling)

C 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)

D Site establishment:

- 1** Site establishment

SECTION B: LABOUR ON CAPITAL CONSTRUCTION OF BULK HOUSING PROJECTS [AWARDED IN WHOLE TO ONE SUPPLIER AS ONE SECTION FOR ALL SUBSECTIONS]

SECTION B: SUBSECTION 1: Erection: 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, 2mx20mm stay rod, 450mm x 450mm stay plate - Soft Soil
- 8 Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Intermediate Soil
- 9 Hole for Stay, 2mx20mm 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

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iii) 3 x Clevis Thimbles

Excluding:

i) A-frame - measured elsewhere

5 Dressing of 11m Strain Structure, with Insulators

Including:

i) 6 x D-shackles

ii) 6 x Long Rod Insulators, 22Kv

iii) 6 x Clevis Thimbles

Excluding:

i) A-frame - measured elsewhere

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

Including:

i) 3 x D-shackles

ii) 3 x Long Rod Insulators, 11 or 22Kv

iii) 3 x Clevis Thimbles

iv) 3 x Dead Ends

v) 2 x Line Post Insulators (Jumper support)

vi) 2 x 50mm Spindles (Jumper support)

vii) 2 x Wrap Lock Ties (Jumper support)

Excluding: 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: Backfilling and compaction

9 Installation of 9m Wooden Poles

Including: 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

12 Installation of Flying Stay

Including:

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- 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, 2m x 20mm
- ix) 1 x Stay Plate, 450mm x 450mm
- x) Backfilling and compaction of Stay Hole

Excluding: Installation of 9m pole measured elsewhere

13 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

14 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

C 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)

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- 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**
- D Installation of Transformer:**
 - 1 Installation of pole mounted transformer irrespective of kVA rating 16-100kVA**
 - 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 Galvanised 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

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- 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 Galvanised 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

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

E Surveying

F Traffic Control

Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced

SECTION B: SUBSECTION 2: 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

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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

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:

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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 Aluminium

- 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

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 Galvanised Conduit - against poles or walls

D Traffic Control

Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced

SECTION B: SUBSECTION 3: 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 Mould 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 Vredenburg Municipal Stores, transport to site and place on foundation, irrespective distance from Stores and kVA rating of Mini-Substation, normally 160kVA to 1000Kva

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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 Vredenburg Municipal Stores, irrespective distance from Stores and kVA rating of Mini-Substation, normally 160kVA to 1000kVA, **Including:** Disconnection of cables, MV and LV

C Traffic Control

- 1 Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced**

SECTION B: SUBSECTION 4: Distribution Kiosks

A Civil Works:

- 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:

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 (all sizes)

Including:

Pre-photo, Marking of Cables, Breakers, Meters, Dead Testing, Disconnection of Cables, Removal of existing Box, Delivery of box to Municipal Stores

5 Installation of New Bundle Box (AP2 or equivalent)

Including:

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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

SECTION B: SUBSECTION 5: Service Connections

A House Service Connections:

- 1** Installation of Consumer Supply Cable, 16 or 10mm² Airdac or PVCSWA, irrespective of cable length
- 2** Installation of conventional, split or prepaid meter in pole mounted box or floor mounted kiosk / or prepaid meter base and Ready board in the house
- 3** Termination and Jointing of Consumer Supply Cable, 16 or 10mm² Airdac or PVCSWA both sides feed and consumer side.

SECTION B: SUBSECTION 6: Street light Installation

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

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3 Installation of Streetlight Cables

LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminium, **Including:**
Installation of 1000V Cables, 10mm² - 25mm²
Installation of 1000V Cables, 35mm² - 50mm²

4 Assembling and installation of Streetlight Control Kiosk

Including:

- i) Circuit Breakers
- ii) Contactors
- iii) Photocell
- iv) 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

C Surveying

D Traffic Control

1 Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced

E Removal of Existing Streetlight Poles:

1 Removal of steel or wooden poles irrespective of length

Including:

- i) Complete removal or Cutting of poles more than 300mm beneath ground level
- ii) Removal of Outreach Arms
- iii) Transport and Offloading at Vredenburg Municipal Stores, irrespective distance

SECTION 4.2**PRICING SCHEDULE**

Prices for each item must include these essential personnel and equipment.

Required Essential Personnel and Equipment		COMPLY	
No	Description	YES	NO
1	<u>Key Personnel:</u> Project manager / Technician / Electrician / Foreman / Truck Operator / Crane Operator		
2	Cable Jointer / Line specialist/HV specialist		
3	Compressor and Breaker Operator		
4	Semi-Skilled Labourer		
5	Unskilled Labourer		
6	Truck with 14MT crane and man cage or personnel crane		
7	Truck 5 - 8 ton		
8	Compressor and Breakers		
9	Compactor		
10	Drill Rig		
11	LDV		
12	Safety officer		
13	Compliance testing equipment		
14	Construction and maintenance equipment for items tendered		
Please note: All activities on this tender will take place in the Saldanha Bay Municipal Area (Vredenburg, Saldanha, Jacobsbaai, Langebaan, Hopefield, St Helena Bay, Paternoster and surrounding areas). Construction and maintenance material on this tender, except for work in Item 23 and the provisions made in the 'IMPORTANT NOTICE' on consumables, will be supplied by Saldanha Bay Municipality and all material and equipment will be collected from the Electrical department or Vredenburg Municipal stores.			

Year 1 – 01 July 2023 to 30 June 2024

Year 2 – 01 July 2024 to 30 June 2025

SECTION A: GENERAL LABOUR FOR ELECTRICAL CONSTRUCTION & MAINTENANCE WORK [EXCLUDING PROJECTS] TO BE AWARDED PER ITEM.
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ITEM 1: Anti-Vandalism Activities
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No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Cable/Equipment covering					
1	Opening of trench for new cable	m	1			
2	Laying the cable in a sand bed	m	1			
3	Covering the cable with material supplied	m	1			
4	Backfilling the trench	m	1			
B	Placing the cable in steel pipe and filling the pipe with cement					
1	Secure steel pipe to pole, wall or lay in ground	m	1			
2	Fill with cement	m	1			
3	Build plinth around foot of pole (wall and pole mount) up to 2750mm	m ³	1			
C	Cement blocks or any other material over cable					
1	Build cement structure over cable and fill with cement	m ³	1			
D	Install other anti-vandalism devices					
1	Install council approved devices over/onto cable or associated equipment by means of brackets and tie-downs	hour	1			
2	Repairing steel structures, welding and reinforcement	hour	1			

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E	Site Establishment					
1	Only for pre-approved situations	each	1			
F	FENCING: CLEARVUE AND VIBRACRETE					
1	Replace fencing	m				
2	Replace vibracrete of ClearVue™ panels per panel	p/p				
3	Replace Barbed or razor wire	m				
4	Replace electric fencing and accessories	m				
						Total (Excl. VAT)
						VAT 15%
						Total (Incl. VAT)

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ITEM 2: Distribution Kiosks & Bundle Boxes

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Civil Works:					
1	Removal of Tarmac	m ³	1			
2	Removal of Concrete	m ³	1			
3	Removal of Brick Paving	m ²	1			
4	Removal of Soil	m ³	1			
5	Reinstating of Tarmac	m ³	1			
6	Reinstating of Concrete 15MPA	m ³	1			
7	Reinstating of Brick Paving	m ²	1			
8	Reinstating of Soil	m ³	1			
9	Trenching	m	1			
10	Sleeve installation per length	4m	1			
11	Jointing of a cable in a trench – irrespective size	each	1			
B	Construction Work – Distribution Kiosk					
1	Removal of existing Kiosk (4 - 12 way)	each	1			
2	Removal of Base and transport thereof	each	1			
3	Installation of New Kiosk (4 - 9 Way)	each	1			
4	Cable Joint in kiosk up to cable size 35mm ²	each	1			
5	Cable Joint in kiosk up to cable size 185mm ²	each	1			
	Construction Work – Pole mount Bundle Box					

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6	Removal of existing Bundle Box	each	1			
7	Installation of New Bundle Box (AP1 or AP2)	each	1			
C	Consumer Notifications (Interruptions)					
1	Notification to Consumers (Hand delivered paper notices)	each	1			
			Total (Excl. VAT)			
			VAT 15%			
			Total (Incl. VAT)			

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ITEM 3: 11kV Cable Jointing and Termination

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work: Digging of Joint Bay or Trenches					
1	i) Tarmac	m ³	1			
2	ii) Concrete	m ³	1			
3	iii) Brick Paving	m ²	1			
4	iv) Base Course	m ³	1			
5	v) Soft Soil	m ³	1			
6	vi) Intermediate Soil	m ³	1			
7	vii) Hard Soil	m ³	1			
B	Reinstate of Joint Bay or Trenches to original compaction and finish					
1	i) Tarmac	m ³	1			
2	ii) Concrete	m ³	1			
3	iii) Brick Paving	m ²	1			
4	iv) Base Course	m ³	1			
5	v) Soft Soil	m ³	1			
6	vi) Intermediate Soil	m ³	1			
7	vii) Hard Soil	m ³	1			
C	Cable Joints 11Kv					
1	16mm ² - 70mm ²	each	1			
2	95mm ² - 150mm ²	each	1			

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3	185mm ² - 300mm ²	each	1			
4	300mm ² - 500/600mm ² single core per core	each	1			
D	Cable Terminations 11Kv					
	Indoor Termination (Heat Shrink)					
1	16mm ² - 70mm ²	each	1			
2	95mm ² - 150mm ²	each	1			
3	185mm ² - 300mm ²	each	1			
4	300mm ² - 500/600mm ² single core per core	each	1			
	Outdoor Terminations (Heat Shrink)					
5	16mm ² - 70mm ²	each	1			
6	95mm ² - 150mm ²	each	1			
7	185mm ² - 300mm ²	each	1			
8	300mm ² - 500/600mm ² single core per core	each	1			
E	Site Establishment					
1	Only for pre-approved situations	each	1			
			Total (Excl. VAT)			
			VAT 15%			
			Total (Incl. VAT)			

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ITEM 4: Erection and Maintenance of 11kV Overhead Lines

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	Hole for Pole, 1.8m Soft Soil	each	1			
2	Hole for Pole, 1.8m Intermediate Soil	each	1			
3	Hole for Pole, 1.8m Hard Soil	each	1			
4	Hole for Pole, 1.5m Soft Soil	each	1			
5	Hole for Pole, 1.5m Intermediate Soil	each	1			
6	Hole for Pole, 1.5m Hard Soil	each	1			
7	Hole for Stay - Soft Soil	each	1			
8	Hole for Stay - Intermediate Soil	each	1			
9	Hole for Stay - Hard Soil	each	1			
10	Hole for Strut Pole, 9 & 11m strut - Soft Soil	each	1			
11	Hole for Strut Pole, 9 & 11m strut - Intermediate Soil	each	1			
12	Hole for Strut Pole, 9 & 11m strut - Hard Soil	each	1			
13	Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill	each	1			
14	Hole for Pole, 1.8m x 405mm diameter - Rock Drill	each	1			
15	Hole for Stay, round stay plate, 350mm - Rock Drill	each	1			
16	Hole for Stay, 2m - stay plate, 405mm	each	1			
B	Construction Work:					

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1	Dressing of 11m Wooden Poles with A-frame, Strain and Terminal Structures	each	1			
2	Dressing of 11m Wooden Poles with A-frame, Intermediate Structures	each	1			
3	Dressing of 11m Wooden Poles with Strain Cross Arm	each	1			
4	Dressing of 11m Terminal Structure, with Insulators	each	1			
5	Dressing of 11m Strain Structure, with Insulators	each	1			
6	Dressing of Strain Cross-arm, T-off from 11m Intermediate	each	1			
7	Dressing of 11m Intermediate Structure, with Insulators	each	1			
8	Installation of 11m Wooden Poles (All)	each	1			
9	Installation of 9m Wooden Poles	each	1			
10	Installation of 9 & 11m Strut Pole	each	1			
11	Installation of Normal Stay	each	1			
12	Installation of Flying Stay	each	1			
13	Installation of Rock Anchor	each	1			
14	Installation of Drop-out Fuses	each	1			
C	Installation of Conductors:					
1	Fir/Pine Conductor or equivalent	m	1			
2	Oak/Ash Conductor or equivalent	m	1			
3	Termination of Conductor on 11m A-frame – Inter	each	1			
4	Termination of Conductor on 11m A-frame - Strain	each	1			
5	Binding of Conductors - Intermediate A-frame	each	1			
6	Installation of Spiral or other Vibration Dampers	each	1			
D	Installation of Transformers and Switches					

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1	Installation of pole mounted transformer	each	1			
2	Installation of transformer on a platform	each	1			
3	Installation of transformer on a 4-Pole Structure	each	1			
4	Installation of 12kV Surge Arresters	each	1			
5	Installation of MV Earthing at Transformer Station	each	1			
6	Installation of LV Earthing at Transformer Station	each	1			
7	Installation of Meter Box at Transformer Station	each	1			
8	Installation of a 3 pole manually operated link/switch/disconnector	each	1			
9	Installation of a 3 pole manually operated (link stick) fuse set	each	1			
E	Surveying					
1	Route establishment	span	1			
2	Line design and drawing of span sheet	span	1			
3	Pegging out of route	span	1			
4	G.P.S co-ordinates	span	1			
F	Site Establishment					
1	Only for pre-approved situations	each	1			
G	Traffic Control					
1	Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced	per day	1			
			Total (Excl. VAT)			
			VAT 15%			
			Total (Incl. VAT)			

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ITEM 5: Demolition of Overhead Lines

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Demolishing of Existing Power Lines:					
1	Removal of steel or wooden poles	each	1			
2	Removal of stays	each	1			
3	Removal of Conductors (pole-to-pole)/ Span length	each	1			
4	Removal of Transformers	each	1			
B	Traffic Control					
1	Traffic Control	per day	1			
C	Site Establishment					
1	Only for pre-approved situations	each	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 6: Erection and maintenance of 66kV Overhead Lines

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	Hole for Pole, 2m Soft Soil	each	1			
2	Hole for Pole, 2m Intermediate Soil	each	1			
3	Hole for Pole, 2m Hard Soil	each	1			
4	Hole for Stay, 2m stay rod, 600mm x 600mm stay plate - Soft Soil	each	1			
5	Hole for Stay, 2m stay rod, 600mm x 600mm stay plate - Intermediate Soil	each	1			
6	Hole for Stay, 2m stay rod, 600mm x 600mm stay plate - Hard Soil	each	1			
7	Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill	each	1			
8	Hole for Pole, 2m x 405mm diameter - Rock Drill	each	1			
9	Hole for Stay for 2m x 405mm diameter, round stay plate - Rock Drill	each	1			
B	Construction Work:					
1	Assembling of 12m wooden H-pole, Terminal and Strain Structure	each	1			
2	Assembling of 13m wooden H-pole, Intermediate Structure	each	1			
3	Installation of 12m/13m Wooden Pole H-structure, Strain and Intermediate structures	each	1			
4	Installation of Normal Stay	each	1			
5	Installation of Rock Anchor	each	1			
6	Dressing of 12m H-pole Structures with Insulators, terminal structures	each	1			
7	Dressing of 12m H-pole Structures with Insulators, strain structures	each	1			
8	Dressing of 13m H-pole Structures with Insulators, Intermediate Structures	each	1			

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C	Installation of Conductors and Vibration Dampers:					
1	Ash Conductor (running out and hook into pulleys)	m	1			
2	Termination of Conductor on 12m H-pole, Terminal Structure, irrespective number of Spans	each	1			
3	Termination of Conductor on 12m H-pole, Strain Structure, irrespective number of spans	each	1			
4	Suspension of Conductors on 13m H-pole, Intermediate Structures	each	1			
5	Terminating of Conductor on Substation steel work, irrespective of span length	each	1			
6	Installation of any type of vibration damper	each	1			
D	Surveying					
1	Route establishment	km	1			
2	Line design and drawing of span sheet	km	1			
3	Pegging out of route	km	1			
4	G.P.S co-ordinates	each	1			
E	Traffic Control					
1	Traffic Control	day	1			
F	Site Establishment					
1	Only for pre-approved situations	each	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 7: Erection and maintenance of LV Overhead Lines

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	Hole for Pole, 1.5m Soft Soil	each	1			
2	Hole for Pole, 1.5m Intermediate Soil	each	1			
3	Hole for Pole, 1.5m Hard Soil	each	1			
4	Hole for Stay, Soft Soil	each	1			
5	Hole for Stay, Intermediate Soil	each	1			
6	Hole for Stay, Hard Soil	each	1			
7	Hole for Strut Pole, 9m strut - Soft Soil	each	1			
8	Hole for Strut Pole, 9m strut - Intermediate Soil	each	1			
9	Hole for Strut Pole, 9m strut - Hard Soil	each	1			
10	Hole for Rock Anchor, 1m x 32mm diameter	each	1			
11	Hole for Pole, 1.5m x 405mm diameter	each	1			
12	Hole for Stay for 2m x 405mm diameter, round stay plate, 350mm - Rock Drill	each	1			
13	Hole for Stay for 1.5m x 405mm diameter, round stay plate, 350mm - Rock Drill	each	1			
14	Hole for pole, 1,5m x 405mm diameter	each	1			
15	Hole for stay, 2m x 405mm diameter	each	1			
16	Hole for stay, 1,5m x 405 diameter	each	1			
B	Construction Work:					
1	Dressing of 9m Wooden Poles – Strain	each	1			

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2	Dressing of 9m Wooden Poles - Intermediate	each	1			
3	Installation of 9m Wooden Poles	each	1			
4	Installation of 9m Strut Pole	each	1			
5	Installation of Normal Stay	each	1			
6	Installation of Flying Stay	each	1			
7	Installation of a Rock Anchor	each	1			
C	Installation of Conductors:					
1	Alu or Copper conductors, irrespective of size	m	1			
2	ABC Conductor 3 load cores + 54.6mm + 25mm	m	1			
3	Termination of conductor at 9m pole	each	1			
4	Termination of conductor at 9m Strain Pole	each	1			
5	Suspension of conductor at 9m pole	each	1			
6	ABC T-off from ABC line at 9m wooden Strain	each	1			
7	ABC T-off, from open line, at 9m wooden Strain	each	1			
8	ABC T-off, from ABC line, at 9m steel Strain	each	1			
9	ABC T-off, from open line, at 9m steel Strain	each	1			
10	ABC T-off, from ABC line, at 9m wooden – Inter	each	1			
11	ABC T-off, from open line, at 9m wooden – Inter	each	1			
12	ABC T-off, from ABC line, at 9m steel – Inter	each	1			
13	ABC T-off, from open line, at 9m steel - Inter	each	1			
D	Surveying					
1	Route establishment	km	1			

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2	Line design and drawing of span sheet	km	1			
3	Pegging out of route	km	1			
4	G.P.S co-ordinates	km	1			
E	Traffic Control					
1	Traffic Control	day	1			
F	Site Establishment					
1	Only for pre-approved situations	each	1			
			Total (Excl. VAT)			
			VAT 15%			
			Total (Incl. VAT)			

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ITEM 8: Service Connections & LV Cables

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	House Service Connections and LV Cables					
1	Installation of Pole Mounted Consumer Box or Floor mounted distribution kiosk	each	1			
2	Installation of Consumer Supply Cable, 35, 25, 16 or 10mm ² Airdac or PVC SWA	m	1			
3	Installation of any meter in pole mounted box or floor mounted kiosk, or any meter/Ready board in the house, and removal of old equipment	each	1			
4	Termination and Jointing of consumer cables, irrespective type and size	each	1			
B	Excavation Work:					
1	Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil	m	1			
2	Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil	m	1			
3	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil	m	1			
4	Digging of trenches by hand, 400mm Wide x 550mm Deep - Compressor & Breaker	m	1			
5	Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil	m	1			
6	Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil	m	1			
7	Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil	m	1			
8	Installation of Earth Conductor , in trenches and through ducts, irrespective size	m	1			
C	Installation of Ducts					
1	Installation of 110mm PVC Sleeves - in ground	each	1			
2	Installation of 160mm PVC Sleeves - in ground	each	1			
3	Installation of 25/40/50mm Galvanised Conduit	each	1			

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D	Traffic Control					
1	Traffic Control	day	1			
			Total (Excl. VAT)			
			VAT 15%			
			Total (Incl. VAT)			

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**ITEM 9: Service Connections - Conversions
(Conventional - Prepaid & Vice Versa)**

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Service Connections: Conversions:					
1	Installation of Meter back plate or split meter control board and wiring to distribution board	each	1			
2	Installation of Consumer Supply Cable, 16 or 10mm ² Airdac or PVCSWA	m	1			
3	Installation of split meter in pole mounted box or floor mounted kiosk / or prepaid meter base the house	each	1			
4	Installation of Ready board and Certificate of Compliance	each	1			
5	Cable joint – irrespective cable size	each				
B	Site establishment	once	1			
C	Traffic Control	day	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 10: Streetlights: Installation & Maintenance

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	Hole for Pole, 1.8m Soft Soil	each	1			
2	Hole for Pole, 1.8m Intermediate Soil	each	1			
3	Hole for Pole, 1.8m Hard Soil	each	1			
4	Hole for Pole, 1.5m Soft Soil	each	1			
5	Hole for Pole, 1.5m Intermediate Soil	each	1			
6	Hole for Pole, 1.5m Hard Soil	each	1			
7	Hole for Pole, 1m Soft Soil	each	1			
8	Hole for Pole, 1m Intermediate Soil	each	1			
9	Hole for Pole, 1m Hard Soil	each	1			
10	Hole for Pole, 1.8m x 405mm diameter - Rock Drill	each	1			
11	Removal of Tarmac	m ³	1			
12	Removal of Concrete	m ³	1			
13	Removal of Brick Paving	m ²	1			
14	Removal of Base Course	m ³	1			
15	Reinstatement of Tarmac	m ³	1			
16	Reinstatement of Concrete	m ³	1			
17	Reinstatement of Brick Paving	m ²	1			

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18	Reinstatement of Base Course	m ³	1			
19	Removal/disposal of spoilt material, irrespective distance to Dumping Site	m ³	1			
20	Transport to/from Site, irrespective of distance – Tarmac, Concrete, Bricks, Paving, Base Course, Backfill Material, Sand	m ³	1			
	Digging of trenches [Including back filling, compaction, site restoration]					
21	Digging 300/400mm Wide x 750mm Deep - Soft Soil	m	1			
22	Digging 300/400mm Wide x 750mm Deep - Intermediate Soil	m	1			
23	Digging 300/400mm Wide x 750mm Deep - Hard Soil	m	1			
B	Construction					
1	Installation of 9 or 11m Streetlight Pole	each	1			
2	Installation of 5m - 7m Streetlight Pole	each	1			
3	Installation of Streetlight Cables	m	1			
4	Assembling and installation of Streetlight Control Kiosk	each	1			
5	Removal of existing Streetlight Control Kiosk	each	1			
6	Installation of Outreach Arm	each	1			
7	Replacement of Luminaire	each	1			
8	Replacement of Internal Wiring, irrespective length of pole	each	1			
9	Replacement of Lamp	each	1			
10	Replacement of Ballast	each	1			
11	Replacement of Lens	each	1			
12	Replacement of Circuit Breaker	each	1			
13	Cable joint irrespective cable size	each	1			
C	Surveying					
1	Route establishment	km	1			

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2	Line design and drawing of span sheet	km	1			
3	Pegging out of route	km	1			
4	G.P.S co-ordinates	km	1			
D	Traffic Control	day	1			
E	Demolishing of Existing Streetlight Poles:					
1	Removal of steel, concrete, fibreglass or wooden poles and delivery as per predetermined site	each	1			
F	Site Establishment					
1	Only for pre-approved situations	once	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 11: Festive Lighting

A	Festive Lights					
1	Installation of Festive Lights, townships as below.	each	1			
2	Removal of Festive Lights, in the following Townships: Jacobs Bay, Vredenburg, Saldanha, Hopefield, Langebaan, St. Helena Bay, Paternoster, White City, Diazville, Middelpoos and Louwville	each	1			
B	Site Establishment					
1	Only for pre-approved situations	each	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 12: Maintenance on 30m & 15m Masts

ITEM 12: Maintenance on 30m & 15m Masts						
No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	Excavation for Mast Foundation - Soft Soil	m ³	1			
2	Excavation for Mast Foundation - Intermediate Soil	m ³	1			
3	Excavation for Mast Foundation - Hard Soil	m ³	1			
	Including backfilling and compaction					
4	Trenching 400mm x 750mm - Soft Soil	m	1			
5	Trenching 400mm x 750mm - Intermediate Soil	m	1			
6	Trenching 400mm x 750mm - Hard Soil	m	1			
B	Form Work:					
1	Casting of 25 MPA concrete for Mast Foundation, irrespective distance from Municipal Stores	m ³	1			
C	Mechanical Construction Work of 30m Mast					
1	Installation of 30m Mast, irrespective distance to Municipal Stores	each	1			
2	Dismantling of 30m Mast for maintenance and safety reasons	each	1			
D	Electrical Construction Work of 30m Mast					
1	Installation of Electrical Components on 30m Mast	each	1			
2	Removal of Electrical Components for maintenance and safety reasons	each	1			

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E	Erection and lowering of 30m Mast					
1	Erection of 30m Mast by means of 30 Ton Crane	each	1			
2	Lowering of existing 30m Mast by means of 30 Ton Crane	each	1			
F	Mechanical Construction Work of 15m Mast					
1	Installation of 15m Mast	each	1			
2	Dismantling of 15m Mast for maintenance reasons	each	1			
G	Construction Work of 15m Mast					
1	Installation of Electrical Components on 15m Mast	each	1			
2	Removal of Electrical Components for maintenance reasons	each	1			
H	Erection and lowering of 15m Mast					
1	Erection of 15m Mast by means of 30 Ton Crane	each	1			
2	Lowering of existing 15m Mast by means of 30 Ton Crane	each	1			
I	Cabling and electrical work					
1	Installation of supply cable for Masts or Poles, irrespective of cable size	each	1			
2	Installation of a distribution box at 5m height	each	1			
3	Replacement of a daylight switch	each	1			
4	Replacement of contactor or circuit breaker	each	1			
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)					
	i) Site Establishment	day	1			
	ii) Hiring Rate	day	1			
	iii) Crane Insurance	day	1			
	iv) Load under hook Insurance	day	1			

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2	Hiring of 14 ton Truck Mounted Crane, with at least 17m working height					
	i) Hiring Rate	hr	1			
	ii) Travelling Rate	hr	1			
	iii) Crane Insurance	hr	1			
	iv) Load under hook Insurance	hr	1			
Total (Excl. VAT)						
VAT 15%						
Total (Incl. VAT)						

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ITEM 13: Annual Legislative Inspection & Certification on Masts

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Annual Mast and Pole Inspection					
1	MPI Test to be carried out by a duly authorised and certified person	each	1			
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)					
	i) Site Establishment	day	1			
	ii) Hiring Rate	day	1			
	iii) Crane Insurance	day	1			
	iv) Load under hook Insurance	day	1			
2	Hiring of Truck Mounted Crane, with at least 17m working height					
	i) Hiring Rate	hour	1			
	ii) Travelling Rate	hour	1			
	iii) Crane Insurance	hour	1			
	iv) Load under hook Insurance	hour	1			
C	Site Establishment					
1	Site Establishment per High Mast Light	unit	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 14: General Maintenance on High Mast and Stadium Lights

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Day to day maintenance of High Mast and Stadium Lights, irrespective of distance to Municipal Stores					
1	i) Changing of Luminaires - 400W and LED	each	1			
	ii) Changing of Luminaires - 1000W and 2000W	each	1			
2	Changing of Lamps - 400W/1000W/2000W/LED	each	1			
3	Changing of Ballasts - 400W/1000W/2000W	each	1			
4	Changing of Lenses - 400W/1000W/2000W	each	1			
5	Changing of Contactors/Circuit breakers	each	1			
6	Changing of Daylight Switches	each	1			
7	Replacement of electrical wiring and/or cabling	each	1			
8	Painting Poles (Maximum 30m high)	each	1			
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)					
	i) Site Establishment	day	1			
	ii) Hiring Rate	day	1			
	iii) Crane Insurance	day	1			
	iv) Load under hook Insurance	day	1			
2	Hiring of Truck Mounted Crane, with at least 17m working height					
	i) Hiring Rate	hour	1			

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	ii) Travelling Rate	hour	1			
	iii) Crane Insurance	hour	1			
	iv) Load under hook Insurance	hour	1			
C	Site Establishment					
1	Site Establishment per High Mast Light	unit	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 15: Mini Substation and Plinth Installation

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation and Formwork:					
1	Digging out, 300mm deep, compact and backfill, 150mm with sub-base, for foundation of Miniature Substation	each	1			
2	Installation of Foundation Mould and reinforced steel.	each	1			
3	Casting of 25MPA concrete for Mini Sub Foundation,	each	1			
B	Installation Work					
1	Installation of Mini Substation					
	Collection of Mini Substation at Vredenburg Municipal Stores, transport to site and place on foundation	each	1			
2	Removal of Mini Substation					
	Remove Mini Substation from plinth and transport to Vredenburg Municipal Stores	each	1			
C	Traffic Control					
1	Traffic Control	day	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 16: Mini-Substation In-Service Maintenance

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	In service oil leak repairs irrespective of position	each	1			
B	Site establishment					
1	Site establishment	each	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 17: Trenching and installation of cables

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil	m	1			
2	Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil	m	1			
3	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil	m	1			
4	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil, Compressor & Breaker	m	1			
5	Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil	m	1			
6	Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil	m	1			
7	Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil	m	1			
8	Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil, Compressor & Breaker	m	1			
9	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Soft Soil	m	1			
10	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Intermediate Soil	m	1			
11	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil	m	1			
12	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil, Compressor & Breaker	m	1			
13	Digging of Trenches by means of machine, 400mm Wide x 750mm Deep, but limited to Soft Soil, Intermediate Soil, Hard Soil	m	1			
14	Digging of Trenches by means of machine, 600mm Wide x 1100mm Deep, but limited to Soft Soil, Intermediate Soil, Hard Soil	m	1			
15	Removal of Tarmac	m ³	1			
16	Removal of Concrete	m ³	1			
17	Removal of Brick Paving	m ²	1			
18	Removal of Base Course	m ³	1			

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19	Reinstatement of Tarmac	m ³	1			
20	Reinstatement of Concrete	m ³	1			
21	Reinstatement of Brick Paving	m ²	1			
22	Reinstatement of Base Course	m ³	1			
23	Removal and disposal of spoilt material	m ³	1			
24	Transport to Site - Tarmac	m ³	1			
25	Transport to Site - Concrete	m ³	1			
26	Transport to Site - Brick Paving	m ³	1			
27	Transport to Site - Base Course	m ³	1			
28	Transport to Site - Sand	m ³	1			
29	Transport to Site - Backfill Material	m ³	1			
B	Installation of Cables:					
1	MV Cables, in trenches and through ducts, PILC or XLPE					
	i) Installation of 11kV Cables, 35mm ² - 50mm ²	m	1			
	ii) Installation of 11kV Cables, 70mm ² - 95mm ²	m	1			
	iii) Installation of 11kV Cables, 120mm ² - 185mm ²	m	1			
	iv) Installation of 11kV Cables, 240mm ² - 500mm ² + single	m	1			
2	LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminium					
	i) Installation of 1000V Cables, 1.5mm ² - 16mm ²	m	1			
	ii) Installation of 1000V Cables, 25mm ² - 70mm ²	m	1			
	iii) Installation of 1000V Cables, 95mm ² - 150mm ²	m	1			
	iv) Installation of 1000V Cables, 185mm ² - 240mm ²	m	1			

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	v) Installation of 1000V Cables, single core cable, irrespective of size	m	1			
3	Installation of Earth Conductors, in trenches and through ducts, irrespective size					
	Installation of covered conductor/BCEW, 16/25/35/70mm ²	m	1			
C	Installation of Ducts					
1	Installation of 110mm PVC Sleeves - in ground	m	1			
2	Installation of 160mm PVC Sleeves - in ground	m	1			
3	Installation of 25/40/50mm Galvanised Conduit	m	1			
D	Traffic Control					
1	Traffic Control	day	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 18: Maintenance of 66kV Transformers

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Transformer and Tap Changer Maintenance:					
1	Top Up oil level - Tap changer and main transformer	p/l	1			
2	Service tap changer	each	1			
3	Replace breathers & silica gel + oil	each	1			
4	Repair oil leaks	each	1			
5	Repair all rusted items, zinc treat and respray	each	1			
6	Earthing test	each	1			
7	Do oil sample tests on main and OLTC tank and report on the following and not limited to:					
	i) Moisture	each	1			
	ii) Dielectric strength	each	1			
	iii) Acidity	each	1			
	iv) Furan Analysis	each	1			
	v) Dissolved Gas	each	1			
	vi) PCB	each	1			
8	Repair transformer cooling fins	each	1			
9	Repair all valves and sampling points	each	1			
10	Repair/Replace of bushings and insulators	each	1			
11	Replace sensors, gauges, ohm any other measuring or protective equipment	each	1			
12	Site establishment	once	1			

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B	Tap Changer Maintenance:					
1	Manufacturer's Yearly	each	1			
2	Manufacturer's 3 Yearly	each	1			
3	Manufacturer's 6 Yearly	each	1			
4	Manufacturer's 10 Yearly	each	1			
C	OLTC Conversion with oil Replacement					
1	Conversion – replace old with new, including modifications to all associated wiring, piping, etc.	One	1			
2	Oil replacement – oil supplied by Council	p/l	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 19: 66kV Transformers: Oil Purification and Replacement, Drain & Fill

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Transformer oil conditioning (Filtration/Purification)					
1	Site establishment and equipment deployment	each	1			
2	Oil filtration and purification per litre	p/l	1			
3	Oil sampling and testing after completion with certification (SANS)	each	1			
4	Site restoration (cleaning of oil spills, etc.)	each	1			
B	Transformer oil replacement					
1	Site establishment and equipment deployment	each	1			
2	Drain existing oil into container/s supplied by tenderer	p/l	1			
3	Replace with virgin/regen oil, oil filtration and purification per litre	Litre	1			
4	Ensure correct functioning of all auxiliary equipment and relays associated with the oil	each	1			
5	Oil sampling and testing after completion with certification (SANS)	each	1			
6	Site restoration (cleaning of oil spills, etc)	each	1			
C	Transformer oil drain, repair, refill					
1	Site establishment and equipment deployment	once	1			
2	Drain oil into container/s supplied by the tenderer	p/l	1			
3	Replace failed items [packings, bushings, etc]	p/hour	1			
4	Return oil to tank oil Ensure correct functioning of all auxiliary/monitoring equipment and relays associated with the oil	p/l	1			
5	Oil filtration and purification per litre if needed	p/l	1			
6	Oil sampling and testing after completion with certification (SANS)	each	1			
7	Site restoration (cleaning of oil spills, etc.)	Once	1			

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8	Site establishment	each	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 20: 66kV Oil, SF6, Vacuum Breaker Maintenance

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Breaker Maintenance (Outdoor EIB/Alstom)					
1	Top Up oil, SF6 gas or restore vacuum per unit (all phase)	each	1			
2	Service mechanism and associated contact mechanisms	each	1			
3	Service and test contacts per unit (all phase)	each	1			
4	Repair oil or gas leaks per unit (all phase)	each	1			
5	Repair all rusted items, zinc treat and respray	each	1			
6	Repair/Replace of bushings and insulators per unit (all phase)	each	1			
7	Site establishment	each	1			
			Total (Excl. VAT)			
			VAT 15%			
			Total (Incl. VAT)			

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ITEM 21: 11kV Oil, SF6 and Vacuum Breakers: Maintenance

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Breaker, Recloser, Sectionaliser and Ring Main Units: Maintenance (Indoor: Reyrolle, Alstom, ABB – Outdoor: Schneider, Lucy, ABB, Lucy, GEC, Reyrolle, Hawker Siddeley, etc.)					
1	Top Up oil, SF6 gas or restore vacuum per unit (all phase)	each	1			
2	Service mechanism and associated contact mechanisms	each	1			
3	Service and test contacts per unit (all phase)	each	1			
4	Repair oil or gas leaks	each	1			
5	Repair all rusted items, zinc treat and respray	each	1			
6	Repair/Replace of bushings and insulators per unit (all phase)	each	1			
7	Site establishment	each	1			
			Total (Excl. VAT)			
			VAT 15%			
			Total (Incl. VAT)			

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ITEM 22: Mini-Substations, Transformers & RMU's: Mechanical Maintenance of 11/0.4Kv

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Transformer and Tap Changer Maintenance:					
1	Top up oil level (per litre)	p/l	1			
2	Check tap changer position and functionality	each	1			
3	Replace breathers & silica gel + breather oil	each	1			
4	Repair oil leaks	each	1			
5	Repair all rusted items, zinc treat and respray complete	each	1			
6	Earthing test	each	1			
7	Do oil sample tests on main and OLTC tank and report on the following and not limited to:					
	i) Moisture	each	1			
	ii) Dielectric strength	each	1			
	iii) Acidity	each	1			
	iv) Furan Analysis	each	1			
	v) Dissolved Gas	each	1			
	vi) PCB	each	1			
8	Repair transformer cooling fins	each	1			
9	Repair all valves and sampling points	each	1			
10	Clean/Repair/Replace of bushings and insulators	each	1			
11	Re-tighten all Bolts & Nuts	each	1			
12	Record all LV fuses/circuit breakers info and inspect function	each	1			
13	Check/Repair/Replace all locking devices if need be	each	1			

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B	Ring Main Unit Maintenance					
1	Replace the insulating oil or re-gas with SF6	each	1			
2	Check load switch mechanisms and functionality	each	1			
3	Record Fuse sizes and relay settings and test fuses	each	1			
4	Check and test Earth Fault Detection devices	each	1			
5	Repair rust, clean, zinc treat and respray	each	1			
6	Ensure that supports are firmly attached to the plinth	each	1			
7	Test the Earthing and complete certificate	each	1			
C	Site Establishment	once	1			
			Total (Excl. VAT)			
			VAT 15%			
			Total (Incl. VAT)			

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ITEM 23: Mini-Substation On-Site Maintenance

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Maintenance of Mini-Substations and Associated Equipment:					
1	Labour rate: preparation of steel cover plates, handles, hinges and locking mechanisms, including rust removal, welding in of plates or other.	each	1			
2	Labour rate: Base coat and final coats	each	1			
3	Labour rate: Installation of handles, hinges and locking mechanisms, etc.	each	1			
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.	each	1			
2	Labour rate: Removal of trees or shrubs cleared from the 1 metre area.	each	1			
3	Labour rate: cleaning and removing pests and the effects of their presence, including long lasting control.	each	1			
4	Concrete works: tidying /modifying plinths per minisub or RMU	each	1			
C	Site establishment:					
1	Site establishment (Transport and accommodation to Saldanha Bay Municipal Area)	each	1			
Total (Excl. VAT)						
VAT 15%						
Total (Incl. VAT)						

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ITEM 24: Electrical Pole Refurbishment

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Refurbishing/cleaning/painting/replanting/uprighting/aligning of electrical poles, irrespective of length					
1	Steel poles	each	1			
2	Fibre Glass poles	each	1			
3	Concrete poles	each	1			
4	Wooden poles	each	1			
B	Site establishment					
1	Site Establishment	once	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 25: Horizontal drilling/boring under roads

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Horizontal drilling/boring under public roads, roadways, rails, buildings, etc. Tenderer must supply own boring/drilling equipment. Water and sleeves will be supplied by Council. Council will prepare/excavate the site entry and exit points.					
1	2 x 110mm, One Site, per meter	m	1			
2	3 x 110mm, One Site, per meter	m	1			
3	4 x 110mm, Two Sites, per meter	m	1			
4	6 x 110mm, Three Sites, per metre	m	1			
5	2 x 160mm, One Site, per meter	m	1			
6	3 x 160mm, One Site, per meter	m	1			
7	4 x 160mm, Two Sites, per meter	m	1			
8	6 x 160mm, Three Sites, per metre	m	1			
9	Bud weld on 160mm	each	1			
10	Drill rig setup	each	1			
B	Site establishment					
1	Site Establishment	once	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 26: Electrical Certificate of Compliance Testing

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Testing					
1	Offices					
	i) Distribution Board	each	1			
	ii) Room – irrespective of size	each	1			
2	Houses and Chalets	each	1			
3	Halls and Civic Centres					
	i) Distribution Board	each	1			
	ii) Public area	each	1			
4	Resorts					
	i) Caravan Box – irrespective of size	each	1			
	ii) Ablution Block	each	1			
5	Certificate of Compliance					
	Issue and submit original document	each	1			
B	Site establishment					
1	Site Establishment per installation	once	1			
				Total (Excl. VAT)		
				VAT 15%		
				Total (Incl. VAT)		

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ITEM 27: Electrical Marking & Earth Leakage Testing: Municipal Buildings

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Distribution boards					
1	Mark and Labelling of all the Distribution boards in the building	Per DB	1			
2	Mark and labelling of all circuits per Distribution Boards (Average of 10 circuits per DB)	Per DB	1			
3	Checklist and deviations for each Distribution board (Average of 10 circuits per DB)	Per DB	1			
B	Plug Sockets					
1	Mark and labelling of all the plug circuits in the building	each	1			
2	Testing of all plug sockets with earth leakage tester according the SANS 1024 regulations	each	1			
3	Complete checklist and deviations for each Plug circuit.	each	1			
C	Earth leakage units					
1	Mark and labelling of all Earth Leakage units in the Distribution Boards	each	1			
2	Testing of all Earth Leakage units (COC)	each	1-10			
3	Testing of all Earth Leakage units (COC)	each	10-50			
4	Testing of all Earth Leakage units (COC)	each	50-100			
5	Testing of all Earth Leakage units (COC)	each	100-200			
6	Complete checklist and deviations for each Earth Leakage tested.	each	1			
Total (Excl. VAT)						
VAT 15%						
Total (Incl. VAT)						

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ITEM 28: Electrical Work LV with Certificate of Compliance Testing

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Repairs and Extensions to existing installations with Certificate of Compliance Testing					
1	Plug circuit extension (surfix or drawn wires) – install	each	1			
2	Plug circuit fault finding and repair	each	1			
3	Light circuit extension (surfix or drawn wires) – install	each	1			
4	Light circuit fault finding and repair	each	1			
5	Geyser circuit (surface, wall or skirt mounted) – install	each	1			
6	Geyser circuit fault finding and repair	each	1			
7	Sub DB with feeder circuit extension single rail – install	each	1			
8	Sub DB with feeder circuit extension double rail – install	each	1			
9	New AC circuit (surface, wall or skirt mounted – surfix or drawn wires) with disconnect	each	1			
10	Replace Earth Leakage Unit, MCB, LCR, etc.	each	1			
11	Replace Geyser element	each	1			
12	Replace Geyser thermostat	each	1			
13	Replace plug – single or double	each	1			
14	Replace light and luminaire fittings – normal height	each	1			
15	Replace light and luminaire fittings – abnormal height (halls) – Council will supply lifting equipment	each	1			
16	New telecommunications point	each	1			
17	Connection of single and three phase stoves	each	1			
18	Earth and Earth Resistance testing with certificate	each	1			
B	Certificate of Compliance					

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1	Issue and submit original document	each	1			
C	Site establishment					
1	Site Establishment per installation	each	1			
					Total (Excl. VAT)	
					VAT 15%	
					Total (Incl. VAT)	

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ITEM 29: 66kV Outdoor Equipment Maintenance

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Maintenance of 66kV Outdoor Equipment: Disconnecter Equipment					
1	Dismantling and Removal all 3 phases	3ph	1			
2	Preparation and modification of the existing plinth	each	1			
3	New plinth, including mounting rods	m ³	1			
4	Preparation and modification of the existing steel structure	each	1			
5	Installation and commissioning	3ph	1			
B	Maintenance of 66kV Outdoor Equipment: Outdoor breakers					
1	Dismantling and Removal all 3 phases	3ph	1			
2	Preparation and modification of the existing plinth	each	1			
3	Preparation and modification of the existing steel structure	each	1			
4	Installation and commissioning	3ph	1			
C	Maintenance of 66kV Outdoor Equipment: Voltage or Current transformers					
1	Dismantling and Removal all 3 phases	3ph	1			
2	Preparation and modification of the existing steel structure and plinth	each	1			
3	Installation and commissioning	3ph	1			
D	Site establishment:					
1	Site establishment	once	1			
					Total (Excl. VAT)	
					VAT 15%	
					Total (Incl. VAT)	

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SECTION B: LABOUR: CONSTRUCTION: HOUSING PROJECTS [SECTION B AWARDED IN WHOLE TO ONE SUPPLIER AS ONE SECTION FOR ALL SUBSECTIONS 1 TO 6]

SECTION B: SUBSECTION 1: Mini Substation and Plinth Installation

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation and Formwork:					
1	Digging out, 300mm deep, compact and backfill, 150mm with subbase, for foundation of Miniature Substation	Each	1			
2	Installation of Foundation Mould and reinforced steel.	Each	1			
3	Casting of 25MPA concrete for Mini Sub Foundation,	Each	1			
B	Installation Work					
1	Installation of Mini Substation					
	Collection of Mini Substation at Vredenburg Municipal Stores, transport to site and place on foundation	Each	1			
2	Removal of Mini Substation					
	Remove Mini Substation from plinth and transport to Vredenburg Municipal Stores	each	1			
C	Traffic Control					
1	Traffic Control	per day	1			
Sub Total 1 (Excl. VAT)						

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SECTION B: SUBSECTION 2: Erection of 11kV Overhead Lines

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	Hole for Pole, 1.8m Soft Soil	each	1			
2	Hole for Pole, 1.8m Intermediate Soil	each	1			
3	Hole for Pole, 1.8m Hard Soil	each	1			
4	Hole for Pole, 1.5m Soft Soil	each	1			
5	Hole for Pole, 1.5m Intermediate Soil	each	1			
6	Hole for Pole, 1.5m Hard Soil	each	1			
7	Hole for Stay - Soft Soil	each	1			
8	Hole for Stay - Intermediate Soil	each	1			
9	Hole for Stay - Hard Soil	each	1			
10	Hole for Strut Pole, 9 & 11m strut - Soft Soil	each	1			
11	Hole for Strut Pole, 9 & 11m strut - Intermediate Soil	each	1			
12	Hole for Strut Pole, 9 & 11m strut - Hard Soil	each	1			
13	Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill	each	1			
14	Hole for Pole, 1.8m x 405mm diameter - Rock Drill	each	1			
15	Hole for Stay, round stay plate, 350mm - Rock Drill	each	1			
B	Construction Work:					
1	Dressing of 11m Wooden Poles with A-frame, Strain and Terminal Structures	each	1			
2	Dressing of 11m Wooden Poles with A-frame, Intermediate Structures	each	1			
3	Dressing of 11m Wooden Poles with Strain Cross Arm	each	1			

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4	Dressing of 11m Terminal Structure, with Insulators	each	1			
5	Dressing of 11m Strain Structure, with Insulators	each	1			
6	Dressing of Strain Cross-arm, T-off from 11m Intermediate	each	1			
7	Dressing of 11m Intermediate Structure, with Insulators	each	1			
8	Installation of 11m Wooden Poles (Terminal, Strain and Intermediate)	each	1			
9	Installation of 9m Wooden Poles	each	1			
10	Installation of 9 & 11m Strut Pole	each	1			
11	Installation of Normal Stay	each	1			
12	Installation of Flying Stay	each	1			
13	Installation of Rock Anchor	each	1			
14	Installation of Drop-out Fuses	each	1			
C	Installation of Conductors:					
1	Fir/Pine Conductor or equivalent	m	1			
2	Oak/Ash Conductor or equivalent	m	1			
3	Termination of Conductor on 11m A-frame – Inter	each	1			
4	Termination of Conductor on 11m A-frame - Strain	each	1			
5	Binding of Conductors - Intermediate A-frame	each	1			
6	Installation of Spiral or other Vibration Dampers	each	1			
D	Installation of Transformers:					
1	Installation of pole mounted transformer	each	1			
2	Installation of transformer on a platform	each	1			
3	Installation of transformer on a 4-Pole Structure	each	1			
4	Installation of 12kV Surge Arresters	each	1			

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5	Installation of MV Earthing at Transformer Station	each	1			
6	Installation of LV Earthing at Transformer Station	each	1			
7	Installation of Meter Box at Transformer Station	each	1			
E	Surveying					
1	Route establishment	span	1			
2	Line design and drawing of span sheet	span	1			
3	Pegging out of route	span	1			
4	G.P.S co-ordinates	span	1			
F	Traffic Control					
1	Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced	per day	1			
			Sub Total 2 (Excl. VAT)			

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SECTION B: SUBSECTION 3: Trenching and installation of cables

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Excavation Work:					
1	Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil	m	1			
2	Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil	m	1			
3	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil	m	1			
4	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil, Compressor & Breaker	m	1			
5	Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil	m	1			
6	Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil	m	1			
7	Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil	m	1			
8	Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil, Compressor & Breaker	m	1			
9	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Soft Soil	m	1			
10	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Intermediate Soil	m	1			
11	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil	m	1			
12	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil, Compressor & Breaker	m	1			
13	Digging of Trenches by means of machine, 400mm Wide x 750mm Deep, but limited to Soft Soil, Intermediate Soil, Hard Soil	m	1			
14	Digging of Trenches by means of machine, 600mm Wide x 1100mm Deep, but limited to Soft Soil, Intermediate Soil, Hard Soil	m	1			
15	Removal of Tarmac	m ³	1			
16	Removal of Concrete	m ³	1			
17	Removal of Brick Paving	m ²	1			
18	Removal of Base Course	m ³	1			

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19	Reinstatement of Tarmac	m ³	1			
20	Reinstatement of Concrete	m ³	1			
21	Reinstatement of Brick Paving	m ²	1			
22	Reinstatement of Base Course	m ³	1			
23	Removal and disposal of spoilt material	m ³	1			
24	Transport to Site - Tarmac	m ³	1			
25	Transport to Site - Concrete	m ³	1			
26	Transport to Site - Brick Paving	m ³	1			
27	Transport to Site - Base Course	m ³	1			
28	Transport to Site - Sand	m ³	1			
29	Transport to Site - Backfill Material	m ³	1			
B	Installation of Cables:					
1	MV Cables, in trenches and through ducts, PILC or XLPE					
	i) Installation of 11kV Cables, 35mm ² - 50mm ²	m	1			
	ii) Installation of 11kV Cables, 70mm ² - 95mm ²	m	1			
	iii) Installation of 11kV Cables, 120mm ² - 185mm ²	m	1			
	iv) Installation of 11kV Cables, 240mm ² - 500mm ² + single	m	1			
2	LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminium					
	i) Installation of 1000V Cables, 1.5mm ² - 16mm ²	m	1			
	ii) Installation of 1000V Cables, 25mm ² - 70mm ²	m	1			
	iii) Installation of 1000V Cables, 95mm ² - 150mm ²	m	1			
	iv) Installation of 1000V Cables, 185mm ² - 240mm ²	m	1			
	v) Installation of 1000V Cables, single core cable, irrespective of size	m	1			
3	Installation of Earth Conductors, in trenches and through ducts, irrespective size					

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	i) Installation of covered conductor/BCEW, 16/25/35/70mm ²	m	1			
C	Installation of Ducts					
1	Installation of 110mm PVC Sleeves - in ground	m	1			
2	Installation of 160mm PVC Sleeves - in ground	m	1			
3	Installation of 25/40/50mm Galvanised Conduit	m	1			
D	Traffic Control					
1	Traffic Control	per day	1			
Sub Total 3 (Excl. VAT)						

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SECTION B: SUBSECTION 4: Distribution Kiosks & Bundle Boxes

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1 + 2
A	Civil Works:					
1	Removal of Tarmac	m ³	1			
2	Removal of Concrete	m ³	1			
3	Removal of Brick Paving	m ²	1			
4	Removal of Soil	m ³	1			
5	Reinstating of Tarmac	m ³	1			
6	Reinstating of Concrete 15MPA	m ³	1			
7	Reinstating of Brick Paving	m ²	1			
8	Reinstating of Soil	m ³	1			
B	Construction Work – Distribution Kiosk					
1	Removal of existing Kiosk (4 - 12 way)	each	1			
2	Removal of Base and transport thereof	each	1			
3	Installation of New Kiosk (4 - 9 Way)	each	1			
	Construction Work – Pole mount Bundle Box					
4	Removal of existing Bundle Box	each	1			
5	Installation of New Bundle Box (AP2)	each	1			
Sub Total 4 (Excl. VAT)						

SECTION B: SUBSECTION 5: Service Connections

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1+2
A	Service Connections					
1	Installation of Consumer Supply Cable, 25, 16 or 10mm ² Airdac or PVC SWA	each	1			
2	Installation of conventional or split meter in pole mounted box or floor mounted kiosk or prepaid meter base and Ready board in the house and removal of wall mount split boxes	each	1			
3	Jointing and termination of consumer cables, irrespective type and size on both ends, feed and consumer side.	each	1			
Sub Total 5 (Excl. VAT)						

SECTION B: SUBSECTION 6: Streetlight Installation

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 2	Total Year 1+2
A	Excavation Work:					
1	Hole for Pole, 1.8m Soft Soil	each	1			
2	Hole for Pole, 1.8m Intermediate Soil	each	1			
3	Hole for Pole, 1.8m Hard Soil	each	1			
4	Hole for Pole, 1.5m Soft Soil	each	1			
5	Hole for Pole, 1.5m Intermediate Soil	each	1			
6	Hole for Pole, 1.5m Hard Soil	each	1			
7	Hole for Pole, 1m Soft Soil	each	1			
8	Hole for Pole, 1m Intermediate Soil	each	1			
9	Hole for Pole, 1m Hard Soil	each	1			
10	Hole for Pole, 1.8m x 405mm diameter - Rock Drill	each	1			
11	Removal of Tarmac	m ²	1			
12	Removal of Concrete	m ³	1			
13	Removal of Brick Paving	m ²	1			
14	Removal of Base Course	m ²	1			
15	Reinstatement of Tarmac	m ²	1			
16	Reinstatement of Concrete	m ³	1			
17	Reinstatement of Brick Paving	m ²	1			
18	Reinstatement of Base Course	m ²	1			

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19	Removal and disposal of spoilt material, irrespective distance to Dumping Site	m ³	1			
20	Transport to Site, irrespective of distance - Tarmac	m ³	1			
21	Transport to Site, irrespective of distance - Concrete	m ³	1			
22	Transport to Site, irrespective of distance - Brick Paving	m ²	1			
23	Transport to Site, irrespective of distance - Base Course	m ³	1			
24	Transport to Site, irrespective of distance - Sand	m ³	1			
25	Transport to Site, irrespective of distance - Backfill Material	m ³	1			
B	Construction					
1	Installation of 9 or 11m Streetlight Pole	each	1			
2	Installation of 5m - 7m Streetlight Pole	each	1			
3	Installation of Streetlight Cables	m	1			
4	Assembling and installation of Streetlight Control Kiosk	each	1			
5	Removal of existing Streetlight Control Kiosk	each	1			
6	Installation of Outreach Arm, on new or existing pole	each	1			
7	Replacement of Luminaire on existing pole	each	1			
8	Replacement of Internal Wiring, irrespective length of pole	each	1			
9	Replacement of Lamp	each	1			
10	Replacement of Ballast	each	1			
11	Replacement of Lens	each	1			
12	Replacement of Circuit Breaker	each	1			
C	Surveying					
1	Route establishment	km	1			
2	Line design and drawing of span sheet	km	1			
3	Pegging out of route	km	1			

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4	G.P.S co-ordinates	km	1			
D	Traffic Control					
1	Traffic Control	per day	1			
E	Demolishing of Existing Streetlight Poles:					
1	Removal of steel, concrete, fibreglass or wooden poles and delivery as per predetermined site	each	1			
Sub Total 6 (Excl. VAT)						

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SECTION B TOTAL FOR TENDER EVALUATION

1. Sub Total 1 (Excl. VAT)	
2. Sub Total 2 (Excl. VAT)	
3. Sub Total 3 (Excl. VAT)	
4. Sub Total 4 (Excl. VAT)	
5. Sub Total 5 (Excl. VAT)	
6. Sub Total 6 (Excl. VAT)	
Total cost (Excl. VAT)	
15% VAT	
Total Cost Including 15% VAT	

SECTION 4.3**MBD 7.2****CONTRACT FORM - RENDERING OF SERVICES**

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

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

1. I hereby undertake to render services described in the attached bidding documents to (name of the institution)..... in accordance with the requirements and task directives / proposals 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 date of the 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);
 - Filled in task directive/proposal;
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2022;
 - Declaration of interest;
 - Declaration of Bidder's past SCM practices;
 - Certificate of Independent Bid Determination;
 - Special Conditions of Contract;
 - (ii) General Conditions of Contract; and
 - (iii) Other (specify)
3. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the services specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment 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:.....

CONTRACT FORM - RENDERING OF SERVICES**MBD 7.2****PART 2 (TO BE FILLED IN BY THE PURCHASER)**

1. I..... in my capacity as

.....

accept your bid under reference numberdated.....for
the rendering of services indicated hereunder and/or further specified in the
annexure(s).

2. An official order indicating service delivery instructions is forthcoming.

3. I undertake to make payment for the services rendered in accordance with the terms
and conditions of the contract, within 30 (thirty) days after receipt of an invoice.

DESCRIPTION OF SERVICE	PRICE (ALL APPLICABLE TAXES INCLUDED)	COMPLETION DATE	B-BBEE STATUS LEVEL OF CONTRIBUTION

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

SIGNED AT ON

NAME (PRINT)

SIGNATURE

OFFICIAL STAMP

WITNESSES

1

2

DATE:.....

SECTION 4.4

PRICE ADJUSTMENTS

Bids shall remain valid and binding for a minimum of 90 days after the tender closure date and the validity extend automatically till the contract is signed if validity goes beyond the number of days indicated. The reason for this is to ensure that the tender is valid till appeals were considered, if received.

I accept and approve all of the above.

.....

SIGNATURE OF TENDERER

Failure to accept the automatic extension will render the bid non-responsive. Any bidder may at any time withdraw their bid in writing in which case the bid will not be further considered.

SECTION 4.5

OMMISSIONS, ALTERATIONS AND ADDITIONS

SECTION 4.6

SCHEDULE OF VARIATIONS FROM SPECIAL CONDITIONS OF CONTRACT

1. Bidders may provide a 2.5% discount for payment made within 30 days of receipt of invoice. Bidder should note that this discount is optional and has no influence on the evaluation or adjudication of bids.
2. Please complete the following should your company *BE WILLING TO PROVIDE THE 2.5% deduction for payment within 30 days* as per clause 1 above:
3. YES, my company IS WILLING TO HAVE THE 2.5% taken off of payment made within 30 days.

ACCEPTANCE:

Tenderer's signature for acceptance of the 2.5% discount.

(Only if tenderer wishes to provide the 2.5% discount)

SECTION 4.7

E-TENDER DECLARATION

Comply

It is compulsory to confirm "yes or no" on all line items

Yes/NO

The original document collected from the Municipality must be submitted or, if documents are printed from the e-tender website, the original, printed document must be submitted, clearly reflecting all writing and signatures in black ink. Copied documents where the writing and signatures is unclear and/or copied will render the tender non- responsive	
Print the tender document with a quality printer. If the wording is unclear, the document will be discarded	
Printed documents must be <u>bonded securely</u> according to page numbers to prevent pages getting lost. Missing pages will render the tender non-responsive. <u>Do not</u> staple the pages together.	
The Price Schedule and All Annexures with compulsory attachments must be binded to the back of the document.	
No alterations of the document will be accepted. Any alterations will disqualify the tender.	
Print the <u>Tender document</u> on <u>both sides</u> to save paper and for standardisation.	

It is compulsory to comply and sign below if the tenderer agrees to the requirements above

I accept and approve all of the above.

.....

SIGNATURE OF TENDERER

SECTION 4.8

SUPPORTING DOCUMENTATION FROM TENDERER