

**PART A
INVITATION TO BID**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (LANGEBERG MUNICIPALITY)					
BID NUMBER:	T38/2023	CLOSING DATE:	29 SEPTEMBER 2023	CLOSING TIME:	12H00
DESCRIPTION	APPOINTMENT OF ELECTRICAL CONTRACTORS FOR LABOUR AND INSTALLATION WORK WITHIN THE LANGEBERG MUNICIPALITY FOR A 3-YEAR PERIOD				
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD 7)					

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE TENDER BOX SITUATED AT

LANGEBERG MUNICIPAL OFFICES					
28 MAIN ROAD					
ASHTON					
6715					
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FAX NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
TAX INCOME NUMBER					
TAX COMPLIANCE STATUS	TCS PIN:		AND	CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	☐ Yes ☐ No	
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) 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 /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES, ANSWER PART B:3]	
			TOTAL BID PRICE VAT INCLUSIVE	R	
SIGNATURE OF BIDDER			DATE		
CAPACITY UNDER WHICH THIS BID IS SIGNED					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:			TECHNICAL INFORMATION MAY BE DIRECTED TO:		
DEPARTMENT	SCM		CONTACT PERSON	MR G LOTTER	
CONTACT PERSON	Sabelo NGCONGOLO		TELEPHONE NUMBER	023 626 8200	
TELEPHONE NUMBER	023 615 8000		FAX NUMBER	023 615 1563	
FAX NUMBER	023 615 1563		E-MAIL ADDRESS	glotter@langeberg.gov.za	
E-MAIL ADDRESS	sngcongolo@langeberg.gov.za				

PART B - TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:	
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.	
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE	
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.	
2. TAX COMPLIANCE REQUIREMENTS	
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.	
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.	
2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.	
2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.	
2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.	
2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.	
2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.	
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS	
3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO
3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO
3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO
3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO
3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?	☐ YES ☐ NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.	

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.
NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:

**TENDER NO. 38/2023****APPOINTMENT OF ELECTRICAL CONTRACTORS FOR LABOUR AND INSTALLATION WORK WITHIN THE
LANGEBERG MUNICIPALITY FOR A 3-YEAR PERIOD**

Tenders are hereby requested for the appointment of electrical contractors for labour and installation work within the Langeberg Municipality for a 3-year period, as specified in the bid document. Completed Bids, in sealed envelopes, clearly marked **"TENDER NO. 38/2023: APPOINTMENT OF ELECTRICAL CONTRACTORS FOR LABOUR AND INSTALLATION WORK WITHIN THE LANGEBERG MUNICIPALITY FOR A 3-YEAR PERIOD"** should be placed in the tender box, at the Langeberg Municipal Office, 28 Main Road, Ashton, not later than **12:00 on 29 September 2023** when the Bids will be opened in public. Late, faxed or e-mailed tenders will not be considered.

Tenderers must be registered with the CIDB in a class of construction works and have a grading designation equal to or higher than that determined in accordance with the sum tendered or a value determined in accordance with regulation 25 (7A) of the Construction Industry Development Regulations, 2004. It is estimated that tenderers will need a grading designation of 1 EP or higher.

A minimum functional assessment score of 60 points will apply to this contract.

PLEASE NOTE:

The official Bid document must be fully completed in black ink in writing and bound.

Supporting documents must be submitted separately and must be stapled or bound.

The lowest, or any tender, will not necessarily be accepted and council reserves the right to accept any tender. Tenders will be evaluated according to the Council's Supply Chain Management Policy and the 80/20 Preference Point system. The Supply Chain Management Policy can be viewed at Municipal Offices or www.langeberg.gov.za

Tender documents are available from 25 August 2023 , on the Langeberg Municipal website: www.langeberg.gov.za

Please refer written enquiries to Mr. G Lotter (glotter@langeberg.gov.za).

DP Lubbe

MUNICIPAL MANAGER

Private Bag X2

Ashton, 6715

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1. GENERAL CONDITIONS OF CONTRACT

1.1. Definitions:

The following terms shall be interpreted as indicated

- 1.1.1. **"Closing time"** means the date and hour specified in the bidding advertisement for the receipt of bids.
- 1.1.2. **"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.
- 1.1.3. **"Contract price"** means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.1.4. **"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.
- 1.1.5. **"Countervailing duties"** are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.1.6. **"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.
- 1.1.7. **"Day"** means calendar day.
- 1.1.8. **"Delivery"** means delivery in compliance of the conditions of the contract or order.
- 1.1.9. **"Delivery ex stock"** means immediate delivery directly from stock actually on hand.
- 1.1.10. **"Delivery into consignees store or to his site"** means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the goods are so delivered and a valid receipt is obtained.
- 1.1.11. **"Dumping"** occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.
- 1.1.12. **"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.
- 1.1.13. **"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.
- 1.1.14. **"GCC"** means the General Conditions of Contract.
- 1.1.15. **"Goods"** means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.

- 1.1.16. **“Imported content”** means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the goods covered by the bid will be manufactured.
- 1.1.17. **“Manufacture”** means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.1.18. **“Order”** means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.1.19. **“Project site,”** where applicable, means the place indicated in bidding documents.
- 1.1.20. **“Purchaser”** means the organization purchasing the goods.
- 1.1.21. **“Republic”** means the Republic of South Africa.
- 1.1.22. **“SCC”** means the Special Conditions of Contract.
- 1.1.23. **“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.
- 1.1.24. **“Supplier”** means the successful bidder who is awarded the contract to maintain and administer the required and specified service(s) to the State.
- 1.1.25. **“Tort”** means in breach of contract.
- 1.1.26. **“Turnkey”** means a procurement process where one service provider assumes total responsibility for all aspects of the project and delivers the full end product / service required by the contract.
- 1.1.27. **“Written” or “in writing”** means hand-written in ink or any form of electronic or mechanical writing.

1.2. Application

- 1.2.1. These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services (excluding professional services related to the building and construction industry), sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 1.2.2. Where applicable, special conditions of contract are also laid down to cover specific goods, services or works.
- 1.2.3. Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply

1.3. General

- 1.3.1. Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a nonrefundable fee for documents may be charged
- 1.3.2. Invitations to bid are usually published in locally distributed news media and on the municipality/municipal entity website.

1.4. Standards

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

1.5. Use of contract documents and information inspection

- 1.5.1. The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 1.5.2. The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 1.5.1 except for purposes of performing the contract.
- 1.5.3. Any document, other than the contract itself mentioned in GCC clause 1.5.1 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.
- 1.5.4. 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.

1.6. Patent Rights

- 1.6.1. 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.
- 1.6.2. When a supplier developed documentation / projects for the municipality / municipal entity, the intellectual, copy and patent rights or ownership of such documents or projects will vest in the municipality / municipal entity.

1.7. Performance security

- 1.7.1. 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.
- 1.7.2. 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.
- 1.7.3. 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:

- 1.7.4. 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 a cashier's or certified cheque
- 1.7.5. 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.

1.8. Inspections, tests and analyses

- 1.8.1. All pre-bidding testing will be for the account of the bidder.
- 1.8.2. If it is a bid condition that goods to be produced or services to be rendered should at any stage be subject to inspections, tests and analyses, the bidder or contractor's premises shall be open, at all reasonable hours, for inspection by a representative of the purchaser or organization acting on behalf of the purchaser.
- 1.8.3. 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.
- 1.8.4. If the inspections, tests and analyses referred to in clauses 1.8.2 and 1.8.3 show the goods to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 1.8.5. Where the goods or services referred to in clauses 1.8.2 and 1.8.3 do not comply with the contract requirements, irrespective of whether such goods or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 1.8.6. Goods and services which are referred to in clauses 1.8.2 and 1.8.3 and which do not comply with the contract requirements may be rejected.
- 1.8.7. Any contract goods 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 goods shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with goods, which do comply with the requirements of the contract. Failing such removal the rejected goods shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute goods forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected goods, purchase such goods as may be necessary at the expense of the supplier.
- 1.8.8. The provisions of clauses 1.8.4 to 1.8.7 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 1.22 of GCC.

1.9. Packing

- 1.9.1. The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size 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.

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

1.10. Delivery and documents

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

1.11. Insurance

- 1.11.1. 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.

1.12. Transportation

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

1.13. Incidental Services

- 1.13.1. The supplier may be required to provide any or all of the following services, including additional services, if any:
- 1.13.1.1. performance or supervision of on-site assembly and/or commissioning of the supplied goods;
 - 1.13.1.2. furnishing of tools required for assembly and/or maintenance of the supplied goods;
 - 1.13.1.3. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
 - 1.13.1.4. 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
 - 1.13.1.5. 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.
- 1.13.2. 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.

1.14. Spare parts

- 1.14.1. As specified, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:
- 1.14.2. 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 in the event of termination of production of the spare parts:
- 1.14.3. advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

1.15. Warranty

- 1.15.1. 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.
- 1.15.2. 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.
- 1.15.3. The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
- 1.15.4. Upon receipt of such notice, the supplier shall, within the period specified and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.
- 1.15.5. If the supplier, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

1.16. Payment

- 1.16.1. The method and conditions of payment to be made to the supplier under this contract shall be specified.
- 1.16.2. 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.
- 1.16.3. 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.
- 1.16.4. Payment will be made in Rand unless otherwise stipulated.

1.17. Prices

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

1.18. Variation orders

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

1.19. Assignment

- 1.19.1. 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.

1.20. Subcontracts

- 1.20.1. The supplier shall notify the purchaser in writing of all subcontracts awarded under this 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.

1.21. Delays in the supplier's performance

- 1.21.1. 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.
- 1.21.2. 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.
- 1.21.3. The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the goods are required, or the supplier's services are not readily available.
- 1.21.4. Except as provided under GCC Clause 1.25, 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 1.22.1, unless an extension of time is agreed upon pursuant to GCC Clause 1.22.2 without the application of penalties.
- 1.21.5. Upon any delay beyond the delivery period in the case of a goods contract, the purchaser shall, without canceling the contract, be entitled to purchase goods of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

1.22. Penalties

- 1.22.1. Subject to GCC Clause 1.25, 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 1.23.

1.23. Termination for default

- 1.23.1. 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:

- 1.23.1.1. 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 1.21.2;
 - 1.23.1.2. if the supplier fails to perform any other obligation(s) under the contract; or if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
 - 1.23.2. 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.
 - 1.23.3. 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.
 - 1.23.4. If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the supplier as having no objection and proceed with the restriction.
 - 1.23.5. Any restriction imposed on any person by the purchaser will, at the discretion of the purchaser, also be applicable to any other enterprises or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first – mentioned person, and with which enterprise or person the first – mentioned person, is or was in the opinion of the purchaser actively associate
 - 1.23.6. If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
 - 1.23.6.1. the name and address of the supplier and / or person restricted by the purchaser;
 - 1.23.6.2. the date of commencement of the restriction
 - 1.23.6.3. the period of restriction; and
 - 1.23.6.4. the reasons for the restriction.
 - 1.23.7. These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.
 - 1.23.8. If a court of law convicts a person of an offence as contemplated in section 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.

1.24. Antidumping and countervailing duties and rights

- 1.24.1. 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 supplier to the purchaser or the purchaser may deduct such amounts from moneys (if any) which may otherwise be due to the supplier in regard to goods or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

1.25. Force Majeure

- 1.25.1. Notwithstanding the provisions of GCC Clauses 1.22 and 1.23, the supplier shall not be liable for forfeiture of its performance 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.
- 1.25.2. If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

1.26. Termination for solvency

- 1.26.1. 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.

1.27. Settlement of Disputes

- 1.27.1. If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or 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.
- 1.27.2. 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.
- 1.27.3. Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 1.27.4. Notwithstanding any reference to mediation and/or court proceedings herein,
- 1.27.4.1. the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and

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

1.28. Limitation of Liability

- 1.28.1. Except in cases of criminal negligence or willful misconduct, and in the case of Infringement pursuant to Clause 1.6;
- 1.28.1.1. 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
- 1.28.1.2. 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.

1.29. Governing language

- 1.29.1. 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.

1.30. Applicable law

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

1.31. Notices

- 1.31.1. 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.
- 1.31.2. 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.

1.32. Taxes and duties

- 1.32.1. A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 1.32.2. A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 1.32.3. No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid SARS must have certified that the tax matters of the preferred bidder are in order.
- 1.32.4. No contract shall be concluded with any bidder whose municipal rates and taxes and municipal services charges are in arrears.

1.33. Transfer of contracts

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

1.34. Amendment of contract

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

1.35. Prohibition of restrictive practices

- 1.35.1. 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.
- 1.35.2. If a bidder(s) or contractor(s) based on reasonable grounds or evidence obtained by the purchaser has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigating and possible imposition of administrative penalties as contemplated in section 59 of the Competition Act No 89 of 1998.
- 1.35.3. If a bidder(s) or contractor(s) has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part , and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

2. SPECIAL TENDER CONDITIONS

SPECIAL TENDER CONDITIONS

This tender is subject to the Supply Chain Management Policy of the Langeberg Municipality. The aim of the policy is to improve job opportunities and to stimulate prosperity in the municipal area. Broad Based Black Economic Empowerment (BBBEE) will receive preferential adjudication.

Tenderers must take note that a tender will be granted on the ground of their performance capacity as well as a preference formula.

For tenderers to qualify for the advantages of the policy, they must thoroughly complete the document. **If the schedules are not thoroughly completed the tender will not be considered.**

Tenderers must take note that in the case of a false statement or submission of false information the tender will be disqualified with immediate effect and a possibility of criminal prosecution.

The complete Supply Chain Management Policy is available for inspection at the Municipal Offices at Ashton and websites (www.langeberg.gov.za).

2.1 TENDER DOCUMENTS

Tender documents are obtainable and must be returned as described in the tender notice. The completed documents of the tender fully priced, extended and totalled, completed in all respects, signed and sealed in an envelope which is to be endorsed **TENDER 38/2023 APPOINTMENT OF ELECTRICAL CONTRACTORS FOR LOBOUR AND INSTALLATION WORK WITHIN THE LANGEBERG MUNICIPALITY, FOR A PERIOD OF THREE (3) YEARS,**

must be placed in the tender box at the Municipal Offices, 28 Main Street, Ashton

- 2.1.1. Tenders submitted by fax, e-mail, telex or telegraphically will not be accepted. Postal Tenders will be accepted for consideration only if they are received in sufficient time to be lodged in the appropriate tender box by the closing time for such tenders. The Langeberg Municipality disclaims any responsibility for seeing that such tenders/ are lodged in the tender box.
- 2.1.2. Any tender delivered to an address other than the one stipulated in the tender notice will not be accepted. Tenders may not be handed in at other offices of the Langeberg Municipality.
- 2.1.3. Tenders will be opened in public, shortly after closing time of tenders. The name of the tenderer/bidder and the total tender/bid price will be announced to all tenderers/bidders present at the opening.
- 2.1.4. Tenders received after the closing date and time shall be declared invalid and will not be considered.

2.2 SOUTH AFRICAN CURRENCY

- 2.2.1 All payments from the Langeberg Municipality will be made in the currency of the Republic of South Africa (Rand). The tenderer/bidder shall specify clearly all matters and conditions regarding payments in the tender/bidder specifications.
- 2.2.2 Tenders shall indicate separately prices excluding value added tax and included value added tax (VAT) in the tender/bid rates and amounts.

2.3 INCOMPLETE TENDERS/BIDS

- 2.3.1 Tenders will be rejected in the event of incomplete offers and irregularities of any nature contained in the tender or in any of the completed tender schedules.

2.4 WITHDRAWAL OF TENDERS/BIDS

- 2.4.1 A tenderer/bidder may, without incurring any liability, withdraw his tender provided written advice to that effect reaches the Langeberg Municipality before the expiry of the time fixed in the tender/bid notice for receiving tenders/.

2.5 CHECKING OF TENDER DOCUMENTS

- 2.5.1 Before submitting a tender the tenderer/bidder shall check the numbering of the pages in the tender/bid documents and if any pages part of the tender/bid document is found to be missing or if any part of the documents is illegible or indistinct, he shall immediately notify the Langeberg Municipality.
- 2.5.2 The Langeberg Municipality will not be liable in any way for any claims arising through neglect of the Tenderer/bidder to comply with these requirements.

2.6 EXPENSES DUE TO PREPARATION AND SUBMISSION OF TENDER DOCUMENTS

- 2.6.1 The Langeberg Municipality shall not be liable for any expenses or losses incurred by the Tenderer/bidder due to visiting the site or municipal area and the preparation and/or submission of the tender/bid documents.

2.7 PERIOD OF VALIDITY

- 2.7.1 Tenders, whether for a part of or for the whole of the project, shall remain valid for a period as specified by the tenderer/bidder, which period shall be that period between the date upon which tenders/bids close up to the date upon which notice is given that the tender/bid has been awarded, but at least a period of **120 days**.

2.8 ACCEPTANCE OR REJECTION OF TENDERS/BIDS

- 2.8.1 The Langeberg Municipality is not compelled to accept the lowest or any tender/bid and reserves the right to accept any tender/bid.

2.9 PREFERENTIAL PROCUREMENT

- 2.9.1 Tenders/bids will be considered in terms of the Preferential Procurement Policy of the Langeberg Municipality.

2.10 REGISTRATION AS SERVICE PROVIDER

- 2.10.1 Only those tenderer/bidders that are registered on the Central Supplier Database as service providers, or are capable of being so prior to the evaluation of submissions, are eligible to submit tenders/bids. The Langeberg Municipality will only enter into a formal contract with a tenderer/bidder that is registered on this Database as service provider.

2.11 JOINT VENTURE AGREEMENTS (IF APPLICABLE)

- 2.11.1 Any Joint Venture Agreement must be submitted with the tender/bid document detailing the split of responsibilities in terms of the tender/bid specifications, i.e. percentage of work to be performed by each partner.
- 2.11.2 All parties to the Joint Venture Agreement must be registered and verified on the Western Cape Supplier Database. Only those that are registered and verified before the closing date of the tender/bid will qualify for preference points.
- 2.11.3 It must be noted that the order will be placed in the name of the BEE Partner as well as all financial administration that follows such an order/s. The Joint Venture Agreement must stipulate the BEE partner selected for this in the event of the Joint Venture been considered successful.

2.12 LOCAL BUSINESS/OFFICE:

- 2.12.1 A local office of a tenderer/bidder shall be deemed to be a physical address inside the demarcated boundaries of the Langeberg Municipality area.

2.13 TEST FOR RESPONSIVENESS

- 2.13.1 No Tender will be considered unless it meets the following responsiveness criteria:
- 2.13.2 The tender must be properly received in a sealed envelope clearly indicating the description of the service and the tender/bid number for which the tender/bid is submitted.
- 2.13.3 The tender must be deposited in the relevant tender box as indicated on the notice of the tender on or before the closing date and time of the bid
- 2.13.4 An Income Tax Number and a Tax verification pin (OTP) must be submitted with the tender/bid on or before the closing date and before the closing time.
- 2.13.5 A latest Municipal service account obtained from the local municipality must be submitted.
- 2.13.6 The official Bid document must be fully completed in black ink and all pages must be returned.
- 2.13.7 If the entity submitting a bid is a Joint Venture or a Consortium or Partnership, each party to that formation must submit all the above information
- 2.13.8 The tenderer/bidder must be in good standing to do business with the public sector in terms of Regulation 38 of the Supply Chain Management Regulations (Government Gazette 27636 of 30 May 2005).
- 2.13.9 The tenderer/bidder must adhere to pricing Instructions

- 2.13.10 The tenderer/bidder must complete and sign all tender forms. Where indicated, forms must be signed and stamped by a Commissioner of Oaths.
- 2.13.11 All mandatory returnable forms and prescribed attachments must be completed and where applicable signed by a Commissioner of Oaths.
- 2.13.12 All tenders' conditions/specifications must be complied with,

2.14 PAYMENT OF INVOICES

- 2.14.1 All payments from the Langeberg Municipality will be made within 30 days of receipt of valid tax invoice for goods and services rendered to the satisfaction of the Municipality,



3. DECLARATION OF "IN THE SERVICE OF THE STATE"

If a spouse, child or parent of the owner, director, manager, shareholder or stakeholder of the entity is in the service of the state, or has been in the service of the state in the previous twelve months, the following information must be completed: (Please indicate if not applicable)

The name of the person in the employment of the state:

.....

The capacity in which that person is in service of the state:

.....

Is that person an owner, director, manager, shareholder or connected to the business: Yes or No? (If yes please specify)

.....

The relationship to the owner, director, manager, shareholder or stakeholder of the entity:

	Spouse	Child	Parent
Owner	☐	☐	☐
Director	☐	☐	☐
Manager	☐	☐	☐
Shareholder	☐	☐	☐

"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.

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)

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

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

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

4. MUNICIPAL SERVICE ACCOUNT

4.1 An original latest municipal account must be attached to this page.

4.2 It should be noted that the tender cannot be considered/evaluated if any municipal rates and taxes or municipal services charges owed by the bidder or any of its directors to the municipality or municipal entity, or to any other municipality or entity, are in arrears for more than three months,

4.3 If the bidder or any of its directors are not responsible for the payment of municipal rates of service charges to the municipality or municipal entity, or to any other municipality or entity, a sworn affidavit to this effect must be attached to this page.



5. PRICING SCHEDULE – FIRM PRICES (MBD 3.1) (PURCHASES)

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of bidder:

Bid number:

Closing Time 12:00

Closing date:

OFFER TO BE VALID FOR DAYS FROM THE CLOSING DATE OF BID.



6. DECLARATION OF INTEREST MBD 4

6.1 Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- 6.1.1. the bidder is employed by the state; and/or the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

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

- 6.2.1 Full Name of bidder or his or her representative:
- 6.2.2 Identity Number:
- 6.2.3 Position occupied in the Company (director, trustee, shareholder², member):
.....
- 6.2.4 Registration number of company, enterprise, close corporation, partnership agreement or trust:
.....
- 6.2.5 Tax Reference Number:
- 6.2.6 VAT Registration Number:

6.3 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / PERSAL numbers must be indicated in paragraph 6.5 below.

¹"State" means –

- a) 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);
- b) any municipality or municipal entity;
- c) provincial legislature
- d) national Assembly or the national Council of provinces; or
- e) Parliament.

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

6.4 Are you or any person connected with the bidder presently employed by the state? YES / NO

6.4.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

Name of state institution at which you or the person connected to the bidder is employed:

.....

Position occupied in the state institution:

Any other particulars:

.....

.....

6.4.2 If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?

YES / NO

6.4.3 If yes, did you attach proof of such authority to the bid document?

YES / NO

6.4.4 (Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

6.4.5 If no, furnish reasons for non-submission of such proof.

.....

.....

6.4.6 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?

YES / NO

6.4.7 If so, furnish particulars:

.....

.....

6.4.8 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?

YES / NO

6.4.9 If so, furnish particulars.

.....

6.4.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid?

YES/NO

6.4.10.1 If so, furnish particulars.

6.4.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?

YES/NO

6.4.11.1 If so, furnish particulars:

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

[illegible]

6.6 DECLARATION

I, THE UNDERSIGNED (NAME):
CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 6.2 and 6.5 ABOVE IS CORRECT.

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

.....
Signature

.....
Date

.....
Position

.....
Name of bidder



7. PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022**MBD 6.1**

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

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

1. GENERAL CONDITIONS

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

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

1.2 **To be completed by the organ of state**

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

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

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

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

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

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

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

2. DEFINITIONS

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 Application of preference point system

3.1.1.1 The Municipality will, in the tender documents, stipulate —

- (a) the preference point system applicable; and
- (b) any specific goal as envisaged in section 2(1)(d) and (e) of the Preferential Procurement Act.

3.1.1.2 If it is unclear whether the 80/20 or 90/10 preference point system applies—

- (a) in the case of a tender to generate income or to dispose of or lease assets, the highest acceptable tender; or
- (b) in the case of any other tender, the lowest acceptable tender, must be used to determine the applicable preference point system.

3.1.2 Points for Price: 80/20 preference point system for acquisition of goods or services with Rand value equal to or above R30 000 and up to R50 million

3.1.2.1 The following formula must be used to calculate the points out of 80 for price in respect of a tender with a Rand value equal to or above R30 000 and up to a Rand value of R50 million, inclusive of all applicable taxes:

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where-

P_s = Points scored for price of tender under consideration;

P_t = Price of tender under consideration; and

$P_{\min}$ = Price of lowest acceptable tender.

3.1.2.2 A maximum of 20 points may be awarded to a tenderer for the specified goals envisaged in section 2(1)(d) and (e) of the Act.

3.1.2.3 The points scored must be rounded off to the nearest two decimal places.

3.1.2.4 The contract must be awarded to the tenderer scoring the highest points.

3.1.3 . Points for price: 90/10 preference point system for acquisition of goods or services with Rand value above R50 million

3.1.3.1 The following formula must be used to calculate the points out 90 for price in respect of a tender with a Rand value above R50 million, inclusive of all applicable taxes:

$$P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where-

P_s = Points scored for price of tender under consideration;

P_t = Price of tender under consideration; and

$P_{\min}$ = Price of lowest acceptable tender.

3.1.3.2 A maximum of 10 points may be awarded to a tenderer for the specified goals envisaged in section 2(1)(d) and (e) of the Act.

3.1.3.3 The points scored must be rounded off to the nearest 2 decimal places.

3.1.3.4 The contract must be awarded to the tenderer scoring the highest points.

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

The following formula must be used to calculate the points for price in respect of a tender to generate income or to dispose of or lease assets, with a Rand value equal to, or above R 30 000 and up to a Rand value of R50 million, inclusive of all applicable taxes:

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

Where-

P_s = Points scored for price of tender under consideration;

P_t = Price of tender under consideration; and

P_{max} = Price of highest acceptable tender.

3.2.1 A maximum of 20 points may be awarded to a tenderer for the specified goals envisaged in section 2(1)(d) and (e) of the Act.

3.2.2 The points scored must be rounded off to the nearest 2 decimal places.

3.2.3 The contract must be awarded to the tenderer scoring the highest points.

3.3.4 Points for price: 90/10 preference point system for tenders to generate income or to dispose of or lease assets with Rand value equal to or above R50 million

3.3.5 The following formula must be used to calculate the points for price in respect of a tender to generate income or to dispose of or lease assets, with a Rand value above R50 million, inclusive of all applicable taxes:

$$P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)$$

Where-

P_s = Points scored for price of tender under consideration;

P_t = Price of tender under consideration; and

P_{max} = Price of highest acceptable tender.

3.3.6 A maximum of 10 points may be awarded to a tenderer for the specified goals envisaged in section 2(1)(d) and (e) of the Act.

3.3.7 The points scored must be rounded off to the nearest 2 decimal places.

3.3.8 The contract must be awarded to the tenderer scoring the highest points.

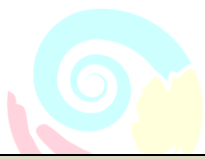
4. POINTS AWARDED FOR SPECIFIC GOALS

4.1 The tendering conditions will stipulate the specific goals, as contemplated in section 2(1)(d)(ii) of the Preferential Procurement Act, be attained.

4.2 A maximum of 20 points (80/20 preference points system) or 10 (90/10) preference points system), will be allocated for specific goals. These goals are:

- (a) contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender or disability (BBBEE);
- (b) Promotion of enterprises located in the municipal area

4.3 Regarding par 4.2 (a) 50% of the 20/10 points will be allocated to promote this goal and points will be allocated in terms of the BBBEE scorecard as follows:



B-BBEE Status Level of Contributor	Number of Points for Preference (80/20)	Number of Points for Preference (90/10)
1	20	10
2	18	9
3	16	8
4	12	5
5	8	4
6	6	3
7	4	2
8	2	1
Non-compliant contributor	0	0

4.4 A tenderer must submit proof of its BBBEE status level contributor [scorecard].

4.5 A tenderer failing to submit proof of BBBEE status level of contributor –

4.5.1 may only score in terms of the 80/90-point formula for price; and

4.5.2 scores 0 points out of 10/5 BBBEE status level of contributor, which is in line with section 2 (1) (d) (i) of the Act, where the supplier or service provider did not provide proof thereof.

4.6 Regarding par 4.2 (b) 50% of the **20/10 points** will be allocated to promote this goal. Points will be allocated as follows.

Locality of supplier	Points
Within the boundaries of the municipality	10/5
Outside of the boundaries of the municipality	0

4.7 The policy should not include Pre-qualification goals.

4.8 Any specific goal for which a point may be awarded, must be clearly specified in the invitation to submit a tender.

4.9 A tenderer failing to submit proof of required evidence to claim preferences for other specified goals, which is in line with section 2 (1) (d) (ii) of the Act.

4.9.1 may only score in terms of the 80/90-point formula for price; and

4.9.2 scores 0 points out of 10/5 of the relevant specific goals where the supplier or service provider did not stipulate.

4.10 The preference points scored by a tenderer must be added to the points scored for price.

4.11 The points scored must be rounded off to the nearest two decimal places.

4.12 The contract must be awarded to the tenderer scoring the highest procurement points.

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
BBBEE preference points system	05	10		
Promotion of enterprises located in the municipal area	05	10		

5. DECLARATION WITH REGARD TO COMPANY/FIRM

Name of company/firm.....

5.1. Company registration number:

5.2. 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]

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

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

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

8 CONTRACT FORM - PURCHASE OF GOODS/WORKS (MBD 7.1)

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

PART 1 (TO BE FILLED IN BY THE BIDDER)

- 8.1 I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to (name of institution)..... in accordance with the requirements and specifications stipulated in bid number..... at the price/s quoted. My offer/s remain binding upon me and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.
- 8.2 The following documents shall be deemed to form and be read and construed as part of this agreement:
- 8.3 Bidding documents, viz
- Invitation to bid;
 - Tax clearance certificate;
 - Pricing schedule(s);
 - Technical Specification(s);
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2022;
 - Declaration of interest;
 - Declaration of bidder's past SCM practices;
 - Certificate of Independent Bid Determination;
 - Special Conditions of Contract;
- 8.4 General Conditions of Contract; and
- 8.5 Other (specify)
-
-
-
- 8.6 I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
- 8.7 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.
- 8.8 I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.

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

NAME (PRINT)
CAPACITY
SIGNATURE
NAME OF FIRM
DATE

WITNESSES

1
2.
DATE:

9 CONTRACT FORM - PURCHASE OF GOODS/WORKS (MBD 7.1)**PART 2 (TO BE FILLED IN BY THE PURCHASER)**

9.1 I, Mr. DP LUBBE in my capacity as MUNICIPAL MANAGER

9.2 accept your bid under reference numberdated.....for the supply of goods/works indicated hereunder and/or further specified in the annexure(s).

9.3 An official order indicating delivery instructions is forthcoming.

9.4 I undertake to make payment for the goods/works delivered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice accompanied by the delivery note.

ITEM NO.	PRICE (ALL APPLICABLE TAXES INCLUDED)	BRAND	DELIVERY PERIOD	B-BBEE STATUS LEVEL OF CONTRIBUTION

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

SIGNED ATON.....

NAME (PRINT)

SIGNATURE

OFFICIAL STAMP



WITNESSES

1.

2.

DATE

10 DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES (MBD 8)

- 10.1 This Municipal Bidding Document must form part of all bids invited.
- 10.2 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.
- 10.3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
- 10.4 abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
- 10.5 been convicted for fraud or corruption during the past five years;
- 10.6 will-fully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
- 10.7 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).
- 10.8 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
10.9	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
10.10	If so, furnish particulars:		
10.11	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
10.12	If so, furnish particulars:		
10.13	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 ☐

10.14	If so, furnish particulars:		
10.15	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 ☐
10.16	If so, furnish particulars:		
10.17	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 ☐
10.18	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM TRUE AND CORRECT.

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

.....

Signature

.....

Date

.....

Position

.....

Name of Bidder

11 CERTIFICATE OF INDEPENDENT BID DETERMINATION (MBD 9)

- 11.1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
- 11.2 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 *per se* prohibition meaning that it cannot be justified under any grounds.
- 11.3 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:
- 11.4 take all reasonable steps to prevent such abuse;
- 11.5 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
- 11.6 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.
- 11.7 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.
- 11.8 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.

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

12 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)

- 12.1 I have read and I understand the contents of this Certificate;
- 12.2 I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 12.3 I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
- 12.4 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;
- 12.5 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:
- has been requested to submit a bid in response to this bid invitation;
 - could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - provides the same goods and services as the bidder and/or is in the same line of business as the bidder
- 12.6 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.
- 12.7 In particular, without limiting the generality of paragraphs 12.6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
- prices;
 - geographical area where product or service will be rendered (market allocation)
 - methods, factors or formulas used to calculate prices;
 - the intention or decision to submit or not to submit, a bid;
 - the submission of a bid which does not meet the specifications and conditions of the bid; or bidding with the intention not to win the bid.
- 12.8 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.

- 12.9 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.
- 12.10 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



13 CODE OF CONDUCT FOR SUPPLIERS

Langeberg Municipality is strongly committed in observing the highest ethical standards in all its procurement activities. As such, this Code of Conduct for Suppliers has been prepared to provide clear summary of Langeberg Municipality expectation from the suppliers in all procurement dealings, ensuring that internationally recognized procurement ethics are followed. Transparency and accountability should be strictly adhered to in all procurement activities.

Langeberg Municipality procurement ethics focuses on **zero tolerance on corruption, avoiding any form of interest and honest representation of supplier's capabilities.**

Suppliers are strongly urged to familiarize themselves with this Code of Conduct to ensure successful working relations with Langeberg Municipality.

Policy on Corruption and Position on Conflict of Interest

Langeberg Municipality expects all contracted suppliers and companies seeking to sell goods and services to conduct their business in accordance with the highest ethical standards. Suppliers or potential suppliers must strictly comply with all rules and regulations on bribery, corruption and avoid unacceptable business practices. Hence suppliers are expected to observe the following:

- Shall not, directly or indirectly, offer, give or agree or promise to give to any Langeberg Municipality staff any gratuity for the benefit of/or at the direction or request of any Staff or Langeberg Municipality;
- To immediately inform the Langeberg Municipality in the event that any Staff or Langeberg Municipality solicits or obtained or has made an attempt to obtain gratification for himself/herself or for any other persons.
- To immediately declare if any of the Company's staff and/or officers had or have any relative employed with Langeberg Municipality. Failure to make such declaration shall be construed as a conflict of interest and might result in the exclusion of the supplier from present and future procurement activities and/or other legal action as deemed fit by the Organization.

Representation from Suppliers

Langeberg Municipality expects all its suppliers to honestly declare and warrant that:

- It will comply with all rules, regulations and statutory requirements relating to the provision of the products/services to Langeberg Municipality;
- It will not act in concert with other suppliers or agents when participating in a bid;
- It is a duly authorized/certified provider of the supplied products/services and shall not, expressly or impliedly hold itself out to be an agent/representative of a third party provider of the same products/services;
- It will only supply products that are certified to be of merchantable and satisfactory quality;
- The supplier possesses the necessary capabilities, equipment and suitable place of business to perform its obligations;
- It shall not contract out or subcontract or outsource any portion of the products/services unless prior written consent from Langeberg Municipality has been obtained; and
- It shall maintain the highest standards of integrity and quality of work at all times.

Applicability of the Code of Conduct

This Code of Conduct shall apply to all Suppliers, sub-contractors and to other entities acting behalf of them (approval of Langeberg Municipality).

Monitoring compliance to the Code of Conduct

To facilitate the monitoring of suppliers' compliance with this Code of Conduct, Langeberg Municipality expects suppliers to:

- Develop and maintain all necessary documentation to support compliance with the described standards; such documentation must be accurate and complete;
- Provide Langeberg Municipality representatives with access to relevant records, upon Langeberg Municipality request;
- Allow Langeberg Municipality representatives to conduct interviews with the supplier's employees and with management separately;
- Allow Langeberg Municipality representatives to conduct announced and unannounced site visits of supplier locations; and
- Respond promptly to reasonable inquiries from Langeberg Municipality representatives in relation to the implementation of the Code of Conduct.

Secure Communication Channels

Langeberg Municipality has established a secure communication channel to enable the suppliers to raise their concerns confidentially and responsibly. If the supplier has questions about the Code of Conduct or wishes to report a questionable behaviour or possible violation of the Code of Conduct, the Supplier is encouraged and should contact Langeberg Municipality at:

Municipal Manager

28 Main Road

Ashton

6715

or contact at mm@langeberg.gov.za;

Langeberg Municipality will not tolerate any retribution or retaliation by anyone against a concerned Supplier who has, in good faith, sought out advice or has reported questionable behaviour and/or a possible violation. Langeberg Municipality will take disciplinary action up to and including termination of contract for anyone who threatens or engages in retaliation, retribution or harassment of the concerned individual. Identities and contents of all information or complaints will be rated strictly confidential.

SANCTIONS

Breach of the Code may result in actions being taken against that service providers, in addition to any contractual or legal remedies. The actions applied will depend on the nature and seriousness of the breach and on the degree of commitment shown by the service provider to resolve any issues stemming from the breach. The range of actions to be imposed include but are not restricted to the following:

- Formal written warnings;
- Required disclosure of nature of breach in terms of the Policy;
- Immediate termination of contract;
- Criminal and/or civil action.

ACKNOWLEDGEMENT AND ACCEPTANCE

This is to certify that I have fully read the Supplier's Code of Conduct attached. Having fully read and understood the completed requirement of this Supplier's Code of Conduct, I hereby commit myself and my company to serve this Code of Conduct and to fully comply with all of its principles. I also certify that I am authorized by my company to sign and accept this document in its behalf.

Supplier: _____

Address: _____

Representative: _____

Signature: _____

Date: _____



14 TECHNICAL SPECIFICATIONS

APPOINTMENT OF ELECTRICAL CONTRACTORS FOR LABOUR AND INSTALLATION WORK WITHIN THE LANGE BERG MUNICIPALITY FOR A 3-YEAR PERIOD

DETAILED SPECIFICATIONS

PRICE SCHEDULE AND 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.

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.
- 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 Manager: Electrical Engineering Services or his delegated official.



BRIEF SPECIFICATIONS

IMPORTANT NOTICE

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

Unless otherwise indicated, 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 Langeberg Municipal Area (Robertson, Ashton, Bonnievale, Montagu, McGregor and surrounding areas). 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.

Tenderers shall ensure that all his workmen keep clear from existing equipment which is electrically alive and are aware of the nature of the Work and the Dangers attached thereto and are working under the constant supervision of the Contractor's Responsible person (who must be a competent person as defined in the Occupational Health and Safety Act).

Tenderers are responsible to insure the material and works against theft, vandalism, political unrest, or any other damage or loss. This responsibility will fall away with the official taking over of the works by the Municipality.

Tenderers shall be responsible for security against theft and vandalism.

All work shall be guaranteed for a minimum of 12 months.

The contractor shall be responsible for accommodation and toilet facilities for his personnel on site and shall keep the site clean. Please note that all prices should include all accommodation and travelling to the Langeberg Municipal Area. No additional amounts will be claimable for the above mentioned works unless otherwise stated.

Tenderers shall be responsible for any damage to existing equipment as well as to other public or private property due to his negligence. After completion of the work, the work area shall be reinstated to better than or at least as good as the original state.

Emergency work must be carried out in the shortest possible time and will be stipulated in the Purchase Order. As the continuous functioning of the electrical equipment is of vital importance, the maintenance/repair work must be done in the shortest possible time. Preference will be given to the appointed contractor at all times but Council reserves the right to procure outside of the contract if the appointed Contractor can't attend to the emergency situation, or the Contractor's services are not readily available.

The quantities on the schedule of quantities and prices are estimated quantities and the real quantities of the different items that will be done during the contract period can differ considerably. The tender amount shall therefore not be the true value of the work that will be done but will only be used to evaluate the tenders. In this tender documents the rates for the different items will govern, not the tender amount.

Subcontractors can't do more than 25% of the contract value. Tenderers shall remain responsible for providing the subcontracted portion of the works as if the work had not been subcontracted. The Employer or his duly appointed Agent shall not give any instruction to or via subcontractors as the Tenderer is still responsible for the project and the quality thereof. It is the Tenderer's responsibility to ensure that the subcontractor or subcontractors meet the necessary requirements to perform subcontractor duties. The Tenderer needs to supply the employer with a list of subcontractors and the employer reserve the right to select the subcontractor.

Even though this section will be awarded as one item, it does not necessarily mean that all the items listed in this section will or must be included in an order. Any of the items listed in this section could be grouped in any combination to make up an order.

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Health and Safety Plan (where applicable)

Tenderers are to note the requirements of the Occupational Health and Safety Act No. 85 of 1993 and the Construction Regulations 2003 issued in terms of Section 43 of the Act. The tenderer shall be deemed to have read and fully understood the requirements of the above Act and Regulations and to have allowed for all costs in compliance therewith.

In this regard the tenderer shall prepare and attach a Health and Safety Plan in respect of the Works in order to demonstrate the necessary competencies and resources to perform the construction work all in accordance with the Act and Regulations. Such Health and Safety Plan shall cover inter-alia the following details:

- (1) Management Structure, Site Supervision and Responsible Persons including a succession plan.
- (2) Contractor's induction training programme for employees, sub-contractors and visitors to the Site.
- (3) Health and safety precautions and procedures to be adhered to in order to ensure compliance with the Act, Regulations and Safety Specifications.
- (4) Regular monitoring procedures to be performed.
- (5) Regular liaison, consultation and review meetings with all parties.
- (6) Site security, welfare facilities and first aid.
- (7) Site rules and fire and emergency procedures.

Tenderers are to note that they are required to ensure that all sub-contractors or others engaged in the performance of the contract also comply with the above requirements.

The tenderer shall also take into account the additional requirements stated in the Project Specifications when drawing up the Health and Safety Plan for the contract.

Details of the Health and Safety Plan shall be appended to the tender document.

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:

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 and de-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 TO BE AWARDED PER ITEM
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ITEM A1: 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 slaps 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 A2: Distribution Kiosks & Pole Top Boxes**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
- 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 Pole Top 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 Pole Top Box**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 A3: 11kV Cable Jointing and Termination [XLPE, PILE & PILC]**Activities:****Excavation Work:****A Digging of Joint Bay or Trenches in**

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

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

- 1 Tarmac
- 2 Concrete
- 3 Brick Paving
- 4 Base Course
- 5 Soft Soil
- 6 Intermediate Soil

- 7 Hard Soil

C Cable Joints 11Kv

- 1 Heat Shrink Straight Joint, 16mm² - 70mm²
- 2 Heat Shrink Straight Joint, 95mm² - 150mm²
- 3 Heat Shrink Straight Joint, 185mm² - 300mm²
- 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 A4: Erection and Maintenance: 11kV Overhead Lines

Activities:

A Excavation Work:

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

- 1 Hole for Pole, 1.8m Soft Soil
- 2 Hole for Pole, 1.8m Intermediate Soil
- 3 Hole for Pole, 1.8m Hard Soil
- 4 Hole for Pole, 1.5m Soft Soil
- 5 Hole for Pole, 1.5m Intermediate Soil
- 6 Hole for Pole, 1.5m Hard Soil
- 7 Hole for Stay, 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
- 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 Gopher / Fox / Rabbit / Mink Conductors (3 phases running out and hook into pulleys)
- 2 Hare / Wolf 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**
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

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

ITEM A5: 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 Langeberg Municipal Stores, irrespective of distance.
- 2 **Removal of stays**
Including: Cutting of Stay Rods more than 300mm beneath ground level, Transport and Offloading at Langeberg 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 Langeberg Municipal Stores, irrespective of distance
- 4 **Removal of Transformers, irrespective of size**
Including: Removal from structure, Safe handling of transformer, Transport and Offloading at Langeberg 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 A6: 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
- 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 Hare 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

Terminating of Conductor on Substation steel work, (Closing Span) irrespective Span**5 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 A7: 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

- 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**
- 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 A8: 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, 35, 25, 16 or 10mm², Airdac or PVCSWA
- 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, 35, 25, 16 or 10mm² Airdac or PVCSWA

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

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 A9: 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 Traffic Control

ITEM A10: 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
- 11 Removal of Tarmac

- 12 Removal of Concrete
- 13 Removal of Brick Paving
- 14 Removal of Base Course
- 15 Reinstatement of Tarmac
- 16 Reinstatement of Concrete
- 17 Reinstatement of Brick Paving
- 18 Reinstatement of Base Course
- 19 Removal/disposal of spoilt material, irrespective distance to Dumping Site within Langeberg Area
- 20 Transport to/from Site, irrespective of distance – Tarmac, Concrete, Bricks, Paving, Base Course, Backfill Material, Sand within Langeberg Area
- Digging of trenches [Including back filling, compaction, site restoration]**
- 21 Digging 300/400mm Wide x 750mm Deep - Soft Soil
- 22 Digging 300/400mm Wide x 750mm Deep - Intermediate Soil
- 23 Digging 300/400mm Wide x 750mm Deep - Hard Soil

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

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 Langeberg Municipality Stores, irrespective distance

ITEM A11: Festive Lights Installation and Connection

A Festive Lights

- 1 **Installation of Festive Lights, in the following Towns: Robertson, Ashton, Bonnievale, Montagu, McGregor.**

Including: Collection of Festive Light Panels at Electricity Department in any of the towns; 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 Towns: Robertson, Ashton, Bonnievale, Montagu, McGregor.

Including: Disconnection of Festive Lights from Electrical System; Removal of Festive Light Panels from poles; Delivery of Festive Light Panels at Electricity Department of the applicable town or Robertson.

ITEM A12: 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**

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

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)****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 A13: 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**1 Hiring of 30 Ton Crane and Man Cage, with at least 35m working height (Tender price shall be for a 9 hour working day)****Including:**

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

- 2 **Hiring of Truck Mounted Crane with at least 17m working height**
Including:

ITEM A14: 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 A15: Mini-Substation Installation

A **Excavation and Formwork (Option A):**

- 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 **Excavation and Formwork (Option B):**

- 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 Transport and installation of prefabricated plinth, irrespective kVA rating of Mini-Substation, normally 160kVA to 1000Kva

C **Installation Work**

1 **Installation of Mini-Substation**

Collection of Mini-Substation at Langeberg 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

ii) Connection of cables, MV and LV, trenches, Cable Terminations.

2 Removal of Mini-Substation

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

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 A16: 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

ITEM A17: Trenching and installation of cables

A Excavation Work:

- 1 Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil
- 2 Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil
- 3 Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil
- 4 Digging of trenches by hand, 400mm Wide x 650mm Deep - Hard Soil, Compressor & Breaker
Including: Installation of 150mm Deep Sand Bed and 150mm Sand Blanket, Installation of 300mm Wide Warning Sheet, Removal of Stones and sorting of Backfill Material, Backfill and Compaction
Excluding: Delivery of Sand to Site, Delivery of Backfill Material to Site, Reinstatement of Tarmac, Concrete, Brick Paving or Base Course, Removal and disposal of spoilt 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 Pickable**
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 Pickable**
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, 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 - 300mm²
 - 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

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

ITEM A18: 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 Infrared scanning

C Visual Inspection

To be carried out in accordance with NRS 089-3-2:2009.

- 1 (a) Oil Level check
 - Conservator (Main tank)
 - Conservator (Tap changer)
 - Bushings
 - Auxiliary
- (b) Oil Gauge Glass check
 - Cracked
 - Stained

- 2 Breathers check and rectify
 - If >30% Pink –Replace Gel
 - Repair of air leaks (from ground level only)
 - Oil pot
- 3 Cooling System check
 - Radiators clear
 - Test and run fans
 - Test and run pumps
 - Temperature recording
- 4 Oil Leak check
 - Transformer main tank
 - Tap changer tank
 - Bushings
 - Cooling fins
 - Pipe work
 - Valves
 - Buchholtz
 - Gauge glasses
 - Conservator tank
 - Auxiliary transformer
- 5 General
 - (a) Bushings check
 - Clean
 - Chipped or cracked
 - (b) Pressure relief device check
 - Cracked/leaks
 - (c) Anti-condensation heaters check
 - Marshalling kiosk
 - Tap changer mechanism box
 - Temperature instrument box
- 6 Tap changer
 - Record number of operations
 - Run through +2; -2 taps (OLTC only)
- 7 Oil catchment area (transformer bund)
 - Clear off debris, water and oil
- 8 Marshalling kiosk, tap changer mechanism box
 - Clean
 - Door seals intact

D OLTC Maintenance

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

E 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 A19: 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
- 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 A20: 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
- 7 Supply and deliver SF6 gas
- 8 Provision for spares as and when needed. Quotation to be provided upon request.

ITEM A21: 11kV Oil, SF6 and Vacuum Breakers: Maintenance

A Breaker, Recloser, Sectionalizer 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 Supply and deliver SF6 gas

- 8 Provision for spares as and when needed. Quotation to be provided upon request.

B Breaker Retrofit/Refurbishment/Conversion (Indoor: Reyrolle, Alstom, ABB etc.)

- 1 Retrofit oil filled breakers with new vacuum breakers
- 2 Including cable and panel modifications
- 3 Trip testing and certification after installation

New vacuum breakers supplied by Council.

ITEM A22: 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

ITEM A23: 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.

ITEM A24: 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
- 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

ITEM A25: 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

ITEM A26: 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

4 Resorts

- i) Tender per Caravan Box – irrespective of size
- ii) Tender per Ablution Block

5 Certificate of Compliance

- i) Issue and submit original document

ITEM A27: Electrical Labelling & 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

Labelling of all the Distribution boards in the Municipal buildings and Holiday Resorts in the following Towns: Robertson, Ashton, Bonnievale, Montagu, McGregor.

- i) Labelling of all the Distribution boards in the building
- ii) 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 Towns: Robertson, Ashton, Bonnievale, Montagu, McGregor.

- i) 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 Towns: Robertson, Ashton, Bonnievale, Montagu, McGregor.

- i) 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 A28: 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
- 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

ITEM A29: 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.

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)

ITEM A30: Cutting of trees / branches

A Cutting and pruning of trees and branches as and when required within the Langeberg Area.

CONSTRUCTION CONSTRAINTS

All work to be carried out in close proximity to live electrical infrastructure. The Tenderer shall ensure that safety is observed at all times and if required, make the necessary arrangements for a shutdown.

Any buildings, walls, roads etc. in proximity to the trees / branches shall be protected from any damage resulting from the work being done.

The Tenderer should ensure that his insurance covers possible accidents that might result in damage to plant or property of a third party.

A photo record shall be kept of "before" and "after" and made available to the Municipality upon completion of the work.

- 1 Safety assessment of work required
- 2 Outage / shutdown arrangements if required
- 3 Cutting and pruning of trees and branches
- 4 Treating of stumps to prevent re-growth
- 5 Disposal of waste material
- 6 Clean site and restore to original condition.

ITEM A31: Specialised 11kV cable testing and fault finding

A Cable testing and fault finding as and when required within the Langeberg Area.

Excavations shall be provided by the Municipality.

The Tenderer shall use specialised equipment to find and locate faults on an 11kV cable. After the repair, the cable shall be pressure tested.

- 1 Fault finding and locating on 11kV cables (PILC or XLPE)
- 2 Pressure testing of 11kV cable (PILC or XLPE)

ITEM A32: Test, report and quote on Damaged equipment**A Test, report and quote on damaged equipment.**

When electrical equipment, i.e. a pole mounted transformer, is damaged, the Municipality requires the Tenderer to collect the damaged equipment from the Langeberg Stores, test the equipment, compile a report on the findings / extent of the damage and provide a quote to repair the equipment to operational status. A 3-month warranty shall be applicable to all repaired equipment from the date of re-installation. The tenderer shall also allow for returning the equipment to the Municipal Stores should it be deemed uneconomical to repair the equipment.

- 1 Collect equipment from the Central Stores and transport to workshop / test facility
 - i) 11kV Pole Mounted Transformer up to 315kVA
 - ii) 11kV Mini-Substation up to 1 000kVA
 - iii) 11kV Auto-recloser
 - iv) 11kV CT/VT Metering unit
 - v) 11kV Ring Main Unit
- 2 Test equipment, compile report and quote for repairs
 - i) 11kV Pole Mounted Transformer up to 315kVA
 - ii) 11kV Mini-Substation up to 1 000kVA
 - iii) 11kV Auto-recloser
 - iv) 11kV CT/VT Metering unit
 - v) 11kV Ring Main Unit
- 3 Return equipment that is uneconomical to repair, to the Central Stores
 - i) 11kV Pole Mounted Transformer up to 315kVA
 - ii) 11kV Mini-Substation up to 1 000kVA
 - iii) 11kV Auto-recloser
 - iv) 11kV CT/VT Metering unit
 - v) 11kV Ring Main Unit

Pricing Schedule:

The tenderer to indicate and confirm the availability of these resources and also that any pricing will include these resources (personnel, equipment and tools)

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 Langeberg Municipal Area (Robertson, Ashton, Bonnievale, Montagu, McGregor and surrounding areas). Construction and maintenance material on this tender, except for the provisions made in the 'IMPORTANT NOTICE' on consumables, will be supplied by Langeberg Municipality and all material and equipment will be collected from the Electrical department or Robertson Municipal stores.			

Year 1: 2024

Year 2: 2025

Year 3: 2026

SECTION A: GENERAL LABOUR FOR ELECTRICAL CONSTRUCTION & MAINTENANCE WORK TO BE AWARDED PER ITEM.

ITEM 1: Anti-Vandalism Activities							
No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
E	Site Establishment						
1	Only for pre-approved situations	each	1				
F	FENCING: CLEARVUE AND VIBRACRETE						
1	Replace fencing	m	1				
2	Replace vibracrete of ClearVue™ panels per panel	p/l	1				
3	Replace Barbed or razor wire	m	1				
4	Replace electric fencing and accessories	m	1				
Total (Excl. VAT)							
VAT 15%							
Total (Incl. VAT)							

ITEM 2: Distribution Kiosks & Bundle Boxes

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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	m	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				
C	Construction Work – Pole mount Bundle Box						
6	Removal of existing Pole Top Box	each	1				
7	Installation of New Pole Top Box	each	1				
D	Consumer Notifications (Interruptions)						
1	Notification to Consumers (Hand delivered paper notices)	each	1				
Total (Excl. VAT)							
VAT 15%							
Total (Incl. VAT)							

ITEM 3: 11kV Cable Jointing and Termination

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
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				

ITEM 3: 11kV Cable Jointing and Termination

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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)							



ITEM 4: Erection and Maintenance of 11kV Overhead Lines

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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:						
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				

ITEM 4: Erection and Maintenance of 11kV Overhead Lines

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
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	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)							

ITEM 5: Demolition of Overhead Lines

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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	Rate Year 3	Total Years 1 + 2 + 3
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 or 13m Wooden Pole H-structure, Terminal, 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				
C	Installation of Conductors:						
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, (Closing Span) irrespective of span length	each	1				

ITEM 6: Erection and maintenance of 66kV Overhead Lines

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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	Rate Year 3	Total Years 1 + 2 + 3
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				
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				

ITEM 7: Erection and maintenance of LV Overhead Lines

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
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)							

ITEM 8: Service Connections & LV Cables

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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 - 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	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				
D	Traffic Control						
1	Traffic Control	day	1				
Total (Excl. VAT)							
VAT 15%							
Total (Incl. VAT)							

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

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
A							
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 PVC SWA	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

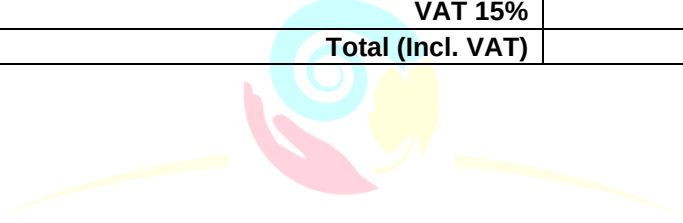
No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
A	Excavation Work:						
1	Hole for Pole, 1.8m Soft Soil	each	1				
2	Hole for Pole, 1.8m Intermediate Soil	each	1				
3	Hole for Pole, 1.8m Hard Soil	each	1				
4	Hole for Pole, 1.5m Soft Soil	each	1				
5	Hole for Pole, 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				
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				

ITEM 10: Streetlights: Installation & Maintenance

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
C	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	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)							

ITEM 11: Festive Lighting

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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, Middelpas 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

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
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	Electrical 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						

ITEM 12: Maintenance on 30m & 15m Masts

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
1	Installation of supply cable for Masts or Poles, irrespective of cable size but limited to (16mm ² to 35mm ² 4 core)	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				
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	Rate Year 3	Total Years 1 + 2 + 3
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)							

ITEM 14: General Maintenance on High Mast and Stadium Lights

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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	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				
	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				
				VAT 15%			
				Total (Incl. VAT)			

ITEM 15: Mini Substation and Plinth Installation

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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	Rate Year 3	Total Years 1 + 2 + 3
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)							



ITEM 17: Trenching and installation of cables

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
19	Reinstatement of Tarmac	m ³	1				

ITEM 17: Trenching and installation of cables

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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						
	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				

ITEM 17: Trenching and installation of cables

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
D	Traffic Control						
1	Traffic Control	day	1				
Total (Excl. VAT)							
VAT 15%							
Total (Incl. VAT)							



ITEM 18: Maintenance of 66kV Transformers

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
A	Transformer and Tap Changer Maintenance:						
1	Top Up oil level - Tap changer and main transformer	p/l	1				
2	Repair/Replace transformer cooling fins (oil leaks and weather degradation)	each	1				
3	Repair/Replace of all valves and sampling points	each	1				
4	Repair oil leaks on bushings and fins	each	1				
5	Repair all rusted items, zinc treat and respray the whole unit	each	1				
6	Repair earthing straps and do 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	Replace breather and/or silica gel	each	1				
9	Repair/Replace of bushings and insulators	each	1				
10	Replace sensors, gauges, or any other associated measuring or protective equipment	each	1				
12	Site establishment	once	1				
B	Infrared scanning	each	1				
C	Visual Inspection						
1	Carried out in accordance with NRS 089-3-2:2009	each	1				
D	Tap Changer Maintenance:						
1	Manufacturer's Yearly	p/l	1				
2	Manufacturer's 3 Yearly	each	1				
3	Manufacturer's 6 Yearly	each	1				
4	Manufacturer's 10 Yearly	each	1				
E	OLTC Conversion with oil Replacement						

ITEM 18: Maintenance of 66kV Transformers

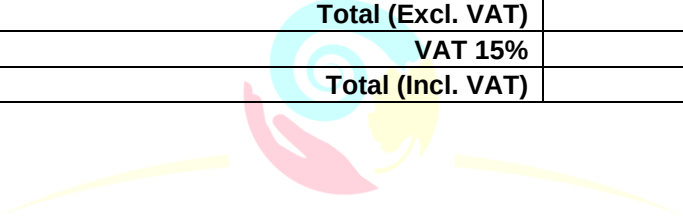
No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
1	Conversion – replace old with new, including modifications to all associated wiring, piping, etc.	One					
2	Oil replacement	One					
Total (Excl. VAT)							
VAT 15%							
Total (Incl. VAT)							



ITEM 19: 66kV Transformers: Oil Purification and Replacement, Drain & Fill							
No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
8	Site establishment	each	1				
Total (Excl. VAT)							
VAT 15%							
Total (Incl. VAT)							

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

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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	Rate Year 3	Total Years 1 + 2 + 3
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	Rate Year 3	Total Years 1 + 2 + 3
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				
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)							

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

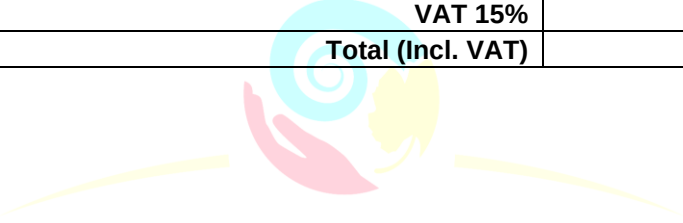
No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
VAT 15%							
Total (Incl. VAT)							

ITEM 23: Mini-Substation On-Site Maintenance

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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				
C	Site establishment:						
1	Site establishment (Transport and accommodation to Saldanha Bay Municipal Area)	each	1				
Total (Excl. VAT)							
VAT 15%							
Total (Incl. VAT)							

ITEM 24: Electrical Pole Refurbishment

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
A	Refurbishing 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	Rate Year 3	Total Years 1 + 2 + 3
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)							

ITEM 26: Electrical Certificate of Compliance Testing

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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	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	Rate Year 3	Total Years 1 + 2 + 3
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)							

ITEM 28: Electrical Work LV with Certificate of Compliance Testing

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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						
1	Issue and submit original document	each	1				
C	Site establishment						
1	Site Establishment	each	1				
Total (Excl. VAT)							
VAT 15%							
Total (Incl. VAT)							

ITEM 29: 66kV Outdoor Equipment Maintenance

No	Activities	Unit	Qty	Rate Year 1	Rate Year 2	Rate Year 3	Total Years 1 + 2 + 3
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)							

15 RETURNABLE SCHEDULES

PROOF OF CIDB REGISTRATION & GRADING

Vendors must attach proof of CIDB registration and grading.

Failure to submit proof of CIDB registration & grading, either with this tender or within any further time for submission stated in a written request from the Employer, will result in the Vendor's tender being rejected as non-responsive.



RETURNABLE SCHEDULE PROOF OF COIDA REGISTRATION/INSURANCE

Vendors must attach proof of registration or insurance in terms of the Compensation for Occupational Injuries and Diseases Act, Act 130 of 1993, to this schedule. This can either take the form of a certified copy of a valid Letter of Good Standing issued by the Compensation Commissioner, or proof of insurance with a licenced compensation insurer, from either the Vendor's insurance broker, or the insurance company itself.

Failure to submit proof of COIDA registration or insurance, either with this tender or within any further time for submission stated in a written request from the Employer, will result in the Vendor's tender being rejected as non-responsive.



RETURNABLE SCHEDULE PROOF OF PUBLIC LIABILITY INSURANCE

Vendors must attach to this schedule proof of Public Liability Insurance. This can either take the form of a warrant from the Vendor's insurance broker, or confirmation of insurance from the insurance company itself. Minimum insurance required R5 000 000.00.

Failure to submit proof of public liability insurance, either with this tender or within any further time for submission stated in a written request from the Employer, will result in the Vendor's tender being rejected as non-responsive.



RETURNABLE SCHEDULE PREVIOUS EXPERIENCE

The tenderer shall insert in the spaces provided below a list of the tenderer's past work experience in terms of similar successfully completed projects. The value and scale of the projects indicated for these purposes must be supplied together with any other relevant information requested.

Similar projects relate to a labour contract, a construction contract with a labour portion with value of R1 million (Incl VAT) and above.

Employer (Name and Contact No.)	Consulting Engineer (Name and Contact No.)	Similar projects (Tenderer needs to identify the type of work in a short description)	Value of Work (incl. VAT) (R million)	Date completed (Month and Year)

Attach additional pages if more space is required.

Signed Date

Name Position

Tenderer

RETURNABLE SCHEDULE EXPERIENCE OF KEY-PERSONNEL

The tenderer shall set out in the tables hereafter details of the relevant experience in similar successfully completed projects of the persons identified for each listed position.

Similar projects relate to a labour contract, a construction contract with a labour portion with value of R1 million (Incl VAT) and above.

CONTRACT / PROJECT MANAGER				
Contact and Client	NAME: EXPERIENCE IN ELECTRICAL CONSTRUCTION WORKS (YEARS): (ATTACH CV)			
	Project Description	Position held	Value of work (Incl. VAT) (R million)	Year completed

Attach additional pages if more space is required.

ARTISAN (ELECTRICIAN)				
Contact and Client	NAME: EXPERIENCE IN ELECTRICAL CONSTRUCTION WORKS (YEARS): (ATTACH CV)			
	Project Description	Position held	Value of work (Incl. VAT) (R million)	Year completed

Attach additional pages if more space is required.

Signed Date

Name Position

Tenderer

RETURNABLE SCHEDULE

SCHEDULE OF PLANT AND EQUIPMENT

Vendors must complete the following schedule of plant and equipment.

The information in this schedule will be used as part of the functionality evaluation process.

The tenderer shall set out in the tables hereafter details of the relevant items and/or equipment available for this project.

(a) Details of suitable cherry picker / crane truck **owned** by the tenderer.

Quantity	Description, Size, Capacity, etc

Attach additional pages if more space is required.

(b) Details of suitable vehicles (LDV) **owned** by the tenderer.

Quantity	Description, Size, Capacity, etc

Attach additional pages if more space is required.

(c) Details of **personal protective equipment (PPE)** that is owned by and immediately available for this contract.

Quantity	Description, Size, Capacity, etc

Attach additional pages if more space is required.

Signed Date

Name Position

Tenderer

RETURNABLE SCHEDULE FUNCTIONALITY CRITERIA

1. FUNCTIONALITY EVALUATION CRITERIA

1.1. Previous experience on contract of similar nature (maximum 20 points)

Points for the tenderer's past experience in terms of similar successfully completed contracts will be scored based on the information supplied by the Tenderer.

Points will be allocated according to the tables below:

Successfully completed projects with similar scope of work:	Points	Score (A)
2 projects or more	20 points	
OR Less than 2 projects	10 points per project	
(A minimum score of 10 Points (50%) must be scored)		Score (A)

1.2. Experience of key personnel (maximum 40 points)

Points for demonstrated experience of the tenderer's key personnel to be directly involved with this contract (if awarded) will be scored based on the information supplied by the Tenderer.

Points will be allocated according to the tables below:

Contract / Project Manager		
Experience as Contract / Project Manager on successfully completed similar projects	Points	Score (B ₁)
Number of Projects		
5 projects or more	10	
OR Less than 5 projects	2 points per project	
Years experience in electrical construction works	Points	Score (B ₂)
> 5 years experience	10	
OR 4 years experience	8	
OR 3 years experience	6	
OR 2 years experience	4	
(A minimum score of 10 Points (50%) must be scored)	Score (B₃)	B₁ + B₂ =

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ARTISAN (ELECTRICIAN)		
Experience as Artisan (Electrician) on successfully completed projects	Points	Score (B ₄)
Number of Projects		
5 projects or more	10	
OR Less than 5 projects	2 points per project	
Years experience in electrical construction works	Points	Score (B₅)
> 5 years experience	10	
OR 4 years experience	8	
OR 3 years experience	6	
OR 2 years experience	4	
(A minimum score of 10 Points (50%) must be scored)		Score (B₆)
		B₄ + B₅ =
Score B		B₃ + B₆ =

Note: One person only to qualify for each position listed above; not the same person for the positions listed above.

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1.3. Availability of resources (maximum 30 points)

Points for demonstrated understanding of the scope of work of this specific contract and his/her associated resources to be allocated to this project, will be scored based on the information supplied by the Tenderer.

Points will be allocated according to the tables below:

Allocation of resources (Truck)	Points	Score (C ₁)
One suitable cherry picker / crane truck indicated as owned by tenderer.	8	
Score (C ₁)		

Allocation of resources (Vehicles)	Points	Score (C ₁)
Two suitable (LDV) vehicles indicated as owned by tenderer.	12	
OR Less than two suitable (LDV) vehicles indicated as owned by tenderer.	6 points per vehicle	
Score (C ₁)		

Allocation of resources (PPE)	Points	Score (C ₃)
PPE for 5 staff members indicated	10	
OR PPE for less than 5 staff members indicated	2 point per PPE	
Score (C ₃)		
Score (C)		C ₁ + C ₂ + C ₃

A minimum score of 15 Points (50%) must be scored for Score C: Availability of resources.

1.4. Total points for functionality (maximum 90 points)

Description of functionality criteria	Maximum possible score	Actual points scored	Percentage scored
Previous experience on contract of similar nature	20		
Experience of key personnel	40		
Availability of resources	30		
Total points for functionality	90		

= A

= B

= C

= A + B + C

Note: A minimum final score of 60 Points must be achieved for functionality. Tender offers of Tenderers that fail to achieve the minimum score for functionality will **NOT** be eligible for further evaluation and will be rejected.



15 CERTIFICATION OF CORRECTNESS OF INFORMATION SUPPLIED IN THIS DOCUMENT

I/We the undersigned is/are duly authorised to do so on behalf of the firm certify that:

1. The information supplied is correct.
2. All copies of relevant information are attached.
3. The BBBEE points claimed are correct and based on owners/shareholders who are actively involved in the day to day management of the enterprise
4. I take note that payment will be effected 30 days after delivery was effected if delivered with an original invoice.
5. If I am classified as a dependant service provider/labour broker as stated in the fourth schedule of the Income Tax act I hereby authorise the LLM to deduct PAYE and supply me with a yearly IRP 30 (only if no valid Labour Broker Certificate can be supplied).
6. None of the owners, directors, managers, shareholders or stakeholders of this entity is in the service of the state, or has been in the service of the state in the previous twelve months.
7. In case of a dispute the wording of the original approved Bid Specification Committee Document would prevail.



Signature of authorised person

Date

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Personal information in block letters

NAME

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SURNAME

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TELEPHONE NUMBER

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CAPACITY

ON BEHALF OF (THE SUPPLIER'S NAME)

Signed and sworn to before me at on this the day of
.....2023

By the Deponent, who has acknowledged that he/she knows and understands the contents of this Affidavit, that it is true and correct to the best of his/her knowledge and that he/she has no objection to taking the prescribed oath, and that the prescribed oath will be binding on his/her conscience.

Commissioner of Oaths