



TENDER NO.: SC 2203/2021

**SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE
OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023
PROCUREMENT DOCUMENT**

NAME OF TENDERER:	
Pricing Schedule (Inclusive of VAT) (refer to pages 86 -110):	

APRIL 2021

PREPARED AND ISSUED BY:

Directorate: Finance:
Supply Chain Management Unit
Overstrand Municipality
PO Box 20, Hermanus, 7200

**CONTACT FOR ENQUIRIES
REGARDING SPECIFICATIONS:**

C Roets
**Manager: Contract- &
Logistics Management**
Tel. Number: **028 313 8951**

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MBD 1 – INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE OVERSTRAND MUNICIPALITY

1. TENDER DETAILS						
TENDER NUMBER:	SC 2203/2021					
TENDER TITLE:	SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023					
CLOSING DATE:	14 May 2021			CLOSING TIME:	12H00	
SITE MEETING:	DATE:	N/A	TIME:	N/A	COMPULSORY:	N/A
SITE MEETING ADDRESS:	N/A					
CIDB GRADING REQUIRED:	N/A	LEVEL AND CATEGORY:	N/A			
BID BOX NO:	6	SITUATED AT: Overstrand Municipal Building, Magnolia Avenue, Hermanus. The bid box is generally open 24 hours a day, 7 days a week.				
OFFER TO BE VALID FOR AT LEAST:	90 DAYS		FROM THE CLOSING DATE OF BID.			
2. BIDDER'S DETAILS						
LEGAL NAME OF ORGANISATION						
TRADE NAME (if different from legal name)						
POSTAL ADDRESS						
STREET ADDRESS						
NAME OF CONTACT PERSON						
TELEPHONE NUMBER				CELL NUMBER		
E-MAIL ADDRESS						
COMPANY REGISTRATION NUMBER						
OVERSTRAND MUNICIPALITY SUPPLIER DATABASE REGISTRATION NUMBER						
3. BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO THE SUPPLY CHAIN MANAGEMENT UNIT						
CONTACT PERSON	L du Preez	TELEPHONE NUMBER	028 313 8147			
		Email address	ldupreez@overstrand.gov.za			
CONTACT PERSON	J Aplon	TELEPHONE NUMBER	028 313 5021			
		Email address	japlon@overstrand.gov.za			
TECHNICAL INFORMATION REGARDING THIS QUOTATION MAY BE OBTAINED FROM:						
CONTACT PERSON	C Roets	TELEPHONE NUMBER	028 313 8951			
		Email address	croets@overstrand.gov.za			

4. TAX COMPLIANCE REQUIREMENTS				
TAX CLEARANCE STATUS PIN				
TAX CLEARANCE EXPIRY DATE				
INCOME TAX NUMBER				
VAT REGISTRATION NUMBER				
a) Bidders must ensure compliance with their tax obligations. b) 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. c) Application for the tax compliance status (TCS) certificate or 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 d) Foreign suppliers must complete the pre-award questionnaire in part B.3. e) Bidders may also submit a printed TCS certificate together with the bid. f) In bids where consortia / joint ventures / sub-contractors are involved, each party must submit a separate TCS certificate / pin / CSD number.				
Are you the accredited representative in South Africa for the goods /services /works offered? If yes, enclose proof	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Are you a foreign based supplier for the goods /services /works offered? If yes, answer the questions in par. 6 below.	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
5. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS				
a) Is the entity a resident of the republic of South Africa (RSA)?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
b) Does the entity have a branch in the RSA?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
c) Does the entity have a permanent establishment in the RSA?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
d) Does the entity have any source of income in the RSA?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
e) Is the entity liable in the RSA for any form of taxation?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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.				
6. SUPPLIER DATABASE OF THE OVERSTRAND MUNICIPALITY				
a) Are you registered as a supplier/services provider on the Supplier Database of the Overstrand Municipality?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
b) If so, please provide you Supplier Database Registration number with the Overstrand Municipality				
c) If not, please note that you will be required to be registered on the Supplier Database of the Overstrand Municipality before any award can be made to you. Please find a copy of the Supplier Database Registration forms contained in this document.				
PLEASE NOTE:				
1. Mailed, telegraphic or faxed bids will not be accepted. 2. Bids may only be submitted on the Bid Documentation provided by the Municipality (not to be re-typed). 3. Bids must be delivered by the stipulated time to the correct box and address. Late bids will not be accepted for consideration. 4. Tender box deposit slot is 28cm x 2.5cm. 5. This bid is subject to the Preferential Procurement Policy Framework Act and the Preferential Procurement Regulations, 2017, the National Treasury General Conditions of Contract (GCC) (2010) and, if applicable, any other special conditions of contract.				
7. CAPACITY UNDER WHICH THIS BID IS SIGNED				
NAME OF PERSON DULY AUTHORISED TO SIGN THIS OFFER				
SIGNATURE				
DATE				

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

2. CHECKLIST

PLEASE ENSURE THAT THE FOLLOWING FORMS HAVE BEEN DULY COMPLETED AND SIGNED AND THAT ALL DOCUMENTS AS REQUESTED, ARE ATTACHED TO THE TENDER DOCUMENT:

1.	Authority to Sign a Bid - Is the form duly completed and is a certified copy of the resolution attached?	Yes	No	
2.	Tax Clearance Certificate - Provide Tax Compliance Status PIN and Income Tax no. – MBD 1	Yes	No	
3.	MBD 4 (Declaration of Interest) - Is the form duly completed and signed?	Yes	No	
4.	MBD 6.1 (Preference Points claim form for purchases/services) - Is the form duly completed and signed? Is a CERTIFIED copy of the B-BBEE Certificate or the original B-BBEE Certificate attached?	Yes	No	
5.	MBD 6.2 - Is the form duly completed and signed?			
6.	MBD 8 (Declaration of Past Supply Chain Practices) - Is the form duly completed and signed?	Yes	No	
7.	MBD 9 (Certificate of Independent Bid Determination) - Is the form duly completed and signed?	Yes	No	
8.	MBD 15 (Certificate of Payment of Municipal Accounts) - Is the form duly completed and signed? Are the Identity numbers, residential addresses and municipal account numbers of ALL members, partners, directors, etc. provided on the form as requested?	Yes	No	
9.	MBD16 (Key Performance Indicators) - Is the form duly completed and signed?	Yes	No	
10.	OHASA (Occupational Health and Safety) - Is the form duly completed and signed? Is a valid Letter of Good Standing from the Compensation Commissioner attached?	Yes	No	
11.	Indemnity - Is the form duly completed and signed?	Yes	No	
12.	Specifications - Is the form duly completed and signed?	Yes	No	
13.	Schedule of Work Experience of Tenderer - Is the form duly completed and signed?	Yes	No	
14.	Pricing Schedule - Is the form duly completed and signed?	Yes	No	
15.	MBD 7.1 - (Contract form – Goods) - Is the form duly completed and signed?			
16.	DATA BASE REGISTRATION - Is the form duly completed and signed? Are ALL the supporting documents attached?	Yes	No	

3. TENDER NOTICE & INVITATION TO TENDER**TENDER NO. SC 2203/2021****SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023**

Tenders are hereby invited for the **SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023.**

Tender documents, in English, are obtainable from **Friday, 09 April 2021**, at the offices of the Supply Chain Management Unit, Overstrand Municipality, 1 Magnolia Avenue, Hermanus from Ms Rita Neethling, between 08h30 and 15h30 upon payment of a **tender documentation fee of R207-00 per set**. Alternatively the document may be downloaded free of charge from the website: www.overstrand.gov.za.

Sealed tenders, with "**Tender No. SC 2203/2021: SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023**" clearly endorsed on the envelope, must be deposited in **Tender Box No. 6** at the offices of the Overstrand Municipality, Magnolia Avenue, Hermanus. Bids may only be submitted on the bid documentation issued by Overstrand Municipality.

Only locally produced or locally manufactured post-paid electricity meters (70%) and smart meters (50%) with a stipulated minimum threshold for local production and content will be considered.

The closing date and time of the tender is on **14 May 2021** at **12h00** and tenders will be opened in public immediately thereafter in the Supply Chain Management Committee Room, Hermanus Administration or as indicated by SCM personnel.

Please refer technical enquiries to **Mr. C Roets** at e-mail: croets@overstrand.gov.za and/or telephone number: **028 313 8951**.

All SCM related queries, including the collection of bid documents, can be directed to Ms. R Neethling at telephone: 028 313 8064 and/or email: rneethling@overstrand.gov.za



**PART A – ADMINISTRATIVE REQUIREMENTS IN TERMS
OF THE SUPPLY CHAIN MANAGEMENT POLICY**



4. AUTHORITY TO SIGN A BID

TYPE OF ENTERPRISE (Please indicate with an "X" and complete the indicated section below)

1	Company (Pty) Ltd. & Ltd.		Please complete section 1 below
2	Close Corporation (CC)		Please complete section 2 below
3	Sole Proprietor		Please complete section 3 below
4	Partnership		Please complete section 4 below
5	Consortium, Club, Trust, etc.		Please complete section 5 below
6	Joint Venture		Please complete section 6 below

1. COMPANIES - (PTY) LTD. & LTD.

- 1.1. If a bidder is a **COMPANY ((Pty) Ltd. OR Ltd.)**, a certified copy of the resolution by the board of directors, duly signed, authorising the person who signs this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the company must be submitted with this bid, that is, before the closing time and date of the bid.
- 1.2. A valid resolution must be signed by:
- 1.2.1. Majority directors; or
 - 1.2.2. Chairman of the Board; or
 - 1.2.3. Company Secretary

PARTICULARS OF RESOLUTION BY THE BOARD OF DIRECTORS OF THE COMPANY

Date resolution was taken			
Resolution signed by (name and surname)			
Capacity			
Name and surname of delegated authorised signatory			
Capacity			
Specimen signature			
Full name and surname of ALL director(s)			
Is a copy of the resolution attached?		YES	NO
SIGNED ON BEHALF OF COMPANY / CC:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	



2. CLOSE CORPORATION (CC)

2.1. In the case of a **CLOSE CORPORATION (CC)** submitting a bid, a resolution by its members, authorizing a member or other official of the corporation to sign the documents on their behalf, shall be included with the bid.

2.2. A valid resolution must be signed by:

- 2.2.1. Majority members; or
- 2.2.2. Member with majority shareholding but only if such shareholding is more than 50%; or
- 2.2.3. Company Secretary.

PARTICULARS OF RESOLUTION BY THE MEMBERS OF THE CLOSE CORPORATION

Date resolution was taken			
Resolution signed by (name and surname)			
Capacity			
Name and surname of delegated authorised signatory			
Capacity			
Specimen signature			
Full name and surname of ALL director(s) / member (s)			
Is a copy of the resolution attached?		YES	NO
SIGNED ON BEHALF OF COMPANY / CC:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

3. SOLE PROPRIETOR (SINGLE OWNER BUSINESS) & NATURAL PERSON

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

OR

I, _____, the undersigned, hereby confirm that I am submitting this bid in my capacity as natural person.

SIGNATURE:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	



4. PARTNERSHIP

We, the undersigned partners in the business trading as _____
 hereby authorize Mr / Ms _____ to sign this bid as well as any
 contract resulting from the bid and any other documents and correspondence in connection with this bid and /or
 contract for and on behalf of the abovementioned partnership.

The following particulars in respect of every partner must be furnished and signed by every partner:

Full name of partner	Signature

SIGNED ON BEHALF OF PARTNERSHIP:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

5. CONSORTIUM / CLUB / TRUST / ETC.

We, the undersigned consortium partners, hereby authorize _____
 (Name of entity) to act as lead consortium partner and further authorize Mr / Ms _____
 to sign this offer as well as any contract resulting from this bid and any other documents and correspondence in
 connection with this bid and / or contract for and on behalf of the consortium.

The following particulars in respect of each consortium member must be provided and must be signed by each member:

Full Name of consortium member	Role of consortium member	% Participation	Signature

SIGNED ON BEHALF OF PARTNERSHIP:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

6. JOINT VENTURE

We, the undersigned, are submitting this bid offer in joint venture and hereby authorize Mr / Ms _____

authorized signatory of the Company / Close Corporation / Partnership (name) _____

acting in the capacity of lead partner, to sign all documents in connection with the bid offer and any contract resulting from it on our behalf.

1. LEAD PARTNER (Whom the Municipality shall hold liable for the purpose of the tender)

Name of firm			
Address			
		Tel. No.	
Signature		Designation	

2. 2nd PARTNER

Name of firm			
Address			
		Tel. No.	
Signature		Designation	

3. 3rd PARTNER

Name of firm			
Address:			
		Tel. No.	
Signature		Designation	

4. 4th PARTNER

Name of firm			
Address:			
		Tel. No.	
Signature		Designation	

NOTE: A copy of the Joint Venture Agreement indicating clearly the percentage contribution of each partner to the Joint Venture, is to be submitted with the bid.

A board resolution, authorising each signatory who signed above to do so, is to be submitted with the bid.

5. GENERAL CONDITIONS OF CONTRACT – GOVERNMENT PROCUREMENT

1. DEFINITIONS

The following terms shall be interpreted as indicated:

- 1.1 "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 "Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.4 "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally
- 1.6 "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 "Day" means calendar day.
- 1.8 "Delivery" means delivery in compliance of the conditions of the contract or order.
- 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand
- 1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.
- 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.
- 1.13 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.
- 1.14 "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.
- 1.15 "GCC" means the General Conditions of Contract.
- 1.16 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.17 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.18 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.19 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.20 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.21 "Project site" where applicable, means the place indicated in bidding documents.
- 1.22 "Purchaser" means the organization purchasing the goods.
- 1.23 "Republic" means the Republic of South Africa.
- 1.24 "SCC" means the Special Conditions of Contract.
- 1.25 "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.
- 1.26 "Supplier" means the successful bidder who is awarded the contract to maintain and administer the required and specified service(s) to the State.
- 1.27 "Tort" means in breach of contract.
- 1.28 "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.
- 1.29 "Written" or "in writing" means handwritten in ink or any form of electronic or mechanical writing.

2. APPLICATION

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. GENERAL

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

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4. STANDARDS

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

5. USE OF CONTRACT DOCUMENTS AND INFORMATION; INSPECTION.

- 5.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. PATENT RIGHTS

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

7. PERFORMANCE SECURITY

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
 - 7.3.1 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
 - 7.3.2 a cashier's or certified cheque
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified.

8. INSPECTIONS, TESTS AND ANALYSES

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution

or on completion be subject to inspections tests and analysis, the bidder or contractor's premises shall be open, at all reasonable hours, for inspection by a representative of the purchaser or an organization acting on behalf of the purchaser.

- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the goods to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the goods or services referred to in clauses 8.2 and 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.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract 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.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 22 of GCC.

9. PACKING

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, and in any subsequent instructions ordered by the purchaser.

10. DELIVERY

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

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11. INSURANCE

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.

12. TRANSPORTATION

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

13. INCIDENTAL

13.1 The supplier may be required to provide any or all of the following services, including additional services, if any:

- 13.1.1 performance or supervision of on-site assembly and/or commissioning of the supplied goods;
- 13.1.2 furnishing of tools required for assembly and/or maintenance of the supplied goods;
- 13.1.3 furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- 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
- 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.

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

14. SPARE PARTS

14.1 As specified, 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:

- 14.1.1 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;
- 14.1.2 in the event of termination of production of the spare parts:
 - 14.1.2.1 advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - 14.1.2.2 following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. WARRANTY

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment

from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

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

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

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

16. PAYMENT

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

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

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

16.4 Payment will be made in Rand unless otherwise stipulated.

17. PRICES

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.

18. VARIATION ORDERS

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.

19. ASSIGNMENT

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

20. SUBCONTRACTS

The supplier shall notify the purchaser in writing of all subcontracts awarded under this contract, if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. DELAYS IN THE SUPPLIER'S PERFORMANCE

21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.

21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of

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- penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 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 supplies are required, or the supplier's services are not readily available.
- 21.4 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 22 without the application of penalties.
- 21.5 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. PENALTIES

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

23. TERMINATION FOR DEFAULT

- 23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
 - 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 21.2;
 - 23.1.2 if the Supplier fails to perform any other obligation(s) under the contract; or
 - 23.1.3 if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
- 23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the supplier as having no objection and proceed with the restriction.

- 23.5 Any restriction imposed on any person by the purchaser will, at the discretion of the purchaser, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the purchase actively associated.
- 23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
 - 23.6.1 the name and address of the supplier and / or person restricted by the purchaser;
 - 23.6.2 the date of commencement of the restriction
 - 23.6.3 the period of restriction; and
 - 23.6.4 the reasons for the restriction.
- 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.
- 23.8 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. ANTI-DUMPING AND COUNTERVAILING DUTIES AND RIGHTS

When, after the date of bid, provisional payments are required, or antidumping 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 favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

25. FORCE MAJEURE

- 25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.

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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.

26. TERMINATION FOR INSOLVENCY

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

27. SETTLEMENT OF DISPUTES

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

27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.

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

27.4 Notwithstanding any reference to mediation and/or court proceedings herein,

27.4.1 the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and

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

28. LIMITATION OF LIABILITY

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

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

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

29. GOVERNING LANGUAGE

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

30. APPLICABLE LAW

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

31. NOTICES

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

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

32. TAXES AND DUTIES

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

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

32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid SARS must have certified that the tax matters of the preferred bidder are in order.

32.4 No contract shall be concluded with any bidder whose municipal rates and taxes and municipal services charges are in arrears.

33. TRANSFER OF CONTRACTS

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

34. AMENDMENT OF CONTRACTS

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.

35. PROHIBITION OF RESTRICTIVE PRACTICES.

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.

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 investigation and possible imposition of administrative penalties as contemplated in section 59 of the Competition Act No 89 Of 1998.

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.

36. *General Conditions of Contract (revised July 2010)*

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6. GENERAL CONDITIONS OF TENDER

1. GENERAL

1.1 All bids must be submitted in **handwriting and in non-erasable (black or blue) ink** on the official forms supplied by the municipality.

1.1.1 Under no circumstances, whatsoever may the bid forms be retyped or redrafted.

1.2 Subject to the provisions of clause 1.3 of this document, no alterations / corrections to the information in the document (including pricing) may be performed by pasting another page over it with glue.

1.2.1 The use of correction fluid / tape is prohibited.

1.3 Notwithstanding the provisions of clause 1.2 of this document, alterations and/or corrections may only be effected as follows:

1.3.1 By striking a straight line in black ink through the incorrect information in such a manner that the information that has been struck through remains legible; writing, the altered or corrected information as appropriate (under, above or next to the information to be corrected), and initialling in the margin next to each and every alteration or correction.

1.3.2 All corrections/alterations to the Pricing Schedule / Bill of Quantities (BoQ) and / or any pricing not effected in accordance with clause 1.3.1 above, will be rejected.

1.4 Bids submitted must be complete in all respects.

1.4.1 The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.

1.4.2 The bidder must ensure that his/her bid document is securely bound.

1.4.2.1 All supporting documents must be submitted by either stapling it to the relevant form in the bid document, or by submitting a bound annexure containing all supporting documents.

1.4.2.2 The Municipality will not take any responsibility for missing / lost pages, in cases where the bidder submit loose pages (not securely attached to the bid document or annexure with supporting documents).

2. PRICING

2.1 Rates and prices offered by the bidder must be written onto the pricing schedule or form of offer of this document by hand, completed in full and originally signed by the duly authorised signatory.

2.2 All prices shall be quoted in South African currency, and be **INCLUSIVE of Value Added Tax (VAT)**.

2.3 Bid prices must include all expenses, disbursements and costs (e.g. transport, accommodation etc.) which may be required for the execution of the bidder's obligations in terms of the Contract. Bid prices shall cover the cost of all general risks, liabilities and obligations set forth or implied in the Contract, as well as overhead charges and profit (in the event that the bid is successful), unless otherwise specified.

2.4 All bid prices will be final and binding.

2.5 A bid will not be invalidated if the amount in words and the amount in figures do not correspond, in which case the amount in words shall be read out at the bid opening and shall be deemed to be the bid amount; therefore, where there is a discrepancy between the amount in figures and the amount in words, the amount in words shall apply

2.6 Where the value of an intended contract will exceed

R1,000,000.00 (R1 million) it is the bidder's responsibility to be registered with the South African Revenue Service (SARS) for VAT purposes in order to be able to issue tax invoices. The municipality will deem the price above R 1 000 000,00 (R1 million) to be VAT inclusive even if it is indicated that no VAT is charged. Please ensure that provision is made for VAT in these instances.

2.6.1 The amended Value-Added Tax Act requires that a Tax Invoice for supplies in excess of R3,000 should, in addition to the other required information, also disclose the VAT registration number of the recipient, with effect from 1 March 2005. The VAT registration number of the Overstrand Municipality is 4140106396.

2.6.2 If a bidder becomes a registered VAT vendor during the contract period, the prices/rates as per the initial award will be considered to be inclusive of VAT and no price adjustment(s) will be allowed.

3. FORWARD EXCHANGE RATE COVER

3.1 In the event of price(s) based on the exchange rate, the successful bidder(s) will be required to obtain exchange rate cover in order to protect the Municipality against exchange rate variations.

3.2 The bidder must provide proof of forward exchange rate cover within 14 days after an order was placed.

3.3 If proof that forward exchange rate cover was taken out within 14 days after the order was placed but is not submitted to the Municipality along with the invoice, the contract price adjustment will not be accepted and the contract may be cancelled.

4. SUBMITTING A BID:

4.1 Sealed bids, with the **"Bid Number and Title"** clearly endorsed on the envelope, must be deposited in the relevant **bid box** as indicated in the notice of the bid, **on or before the closing date and time** of the bid.

4.1.1 Any bid received without the **"Bid Number and / or Title"** clearly endorsed on the envelope will not be opened and read out during the bid opening session and will not be considered

4.2 The bid boxes are at the entrance of the Main Cash Hall, Hermanus Municipal Offices, 1 Magnolia Avenue, Hermanus.

4.3 A specific bid box is provided for each bid to be deposited into and no bid will be considered which, subsequent to the closing date and time for that specific bid, is found in another box.

4.4 The bid box deposit slot is 28cm x 2.5cm.

4.5 Mailed, telegraphic, e-mailed or faxed bids **will not be accepted**.

5. BID OPENING

5.1 Bids shall be opened in public at the Hermanus Municipal Offices as soon as possible subsequent to the closing time for the receipt of bids.

5.2 Where practical, prices will be read out at the time of opening bids.

5.3 The Municipality will record in a register (which is open to public inspection) and publish on its website, the details of bids received by the closing date and time.

5.4 Any bid received after the appointed time for the closing of bids **shall not be considered** but shall be filed unopened with the

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other bids received, which bid(s) can be returned to the bidder at his request and cost.

6. EVALUATION AND ADJUDICATION CRITERIA:

6.1 Relevant specifications;

6.2 Value for money;

6.3 Capacity and capability of bidders to execute the contract;

6.4 PPPFA & associated regulations; and

6.5 Any other objective criteria.

7. REQUIREMENTS OF A VALID BID:

7.1 The following duly completed documents and / or information must be submitted with the submission of the bid. Failure to comply with this requirement will invalidate the bid. The bid will not be considered and no further correspondence will be entered into with regard to the following matters:

7.1.1 The tender has not been completed in non-erasable handwritten ink,

7.1.2 Non-submission of a valid Tax Clearance Certificate and / or PIN,

7.1.3 Incomplete Pricing Schedule or Bill of Quantities,

7.1.4 A Form of Offer not signed in non-erasable ink,

7.1.5 Bid submissions with material alterations / corrections not in compliance with Clause 1.2 and 1.3 above will be rejected.

7.2 The Municipality may, after the closing date, request additional information or clarification of tenders in writing, which will include the following;

7.2.1 To obtain a copy of the most recent municipal account(s) from the recommended bidder;

7.2.2 To clarify or verify pricing where the prices are unclear or an obvious mistake has been detected, e.g. a total price was given instead of a unit price or vice versa;

7.2.3 To obtain the personal income tax number(s) from the recommended bidder;

7.2.4 To obtain a valid Tax Clearance Certificate and / or PIN if the certificate has expired or become inactive after the closing date of the tender;

7.2.5 To clarify or obtain outstanding information on the MBD 6.2 form if incomplete or partially completed.

7.2.6 To obtain a valid letter of good standing from the Workmen's Compensation Commissioner, the latest assessment and proof of payment thereof;

7.2.7 To obtain a valid and original B-BBEE certificate or sworn affidavit to verify preference points claimed by a bidder where the bidder submitted only a copy of the B-BBEE certificate or sworn affidavit with the bid submission.

7.2.7.1 If a bidder fails to submit a B-BBEE certificate or a sworn affidavit with the bid submission, the Municipality will not request or allow the bidder to submit it afterwards.

8. TEST FOR RESPONSIVENESS:

8.1 A Bid will be considered non-responsive if:

8.1.1 the bid is not in compliance with the specifications;

8.1.2 the bidder has not fully completed and signed where required, all the returnable documents as listed in the bid document; and/or

8.1.3 the bidder has failed to clarify or submit any supporting documentation within 3 business days of being requested to do so in writing.

8.2 The Municipality reserves the right to accept or reject:

8.2.1 any variation, deviation, bid offer, or alternative bid offer; may cancel the bidding process and reject all bid offers at any time before the formation of a contract. The MUNICIPALITY shall not accept or incur any liability to a bidder for such cancellation and/or rejection, and will only provide written reasons for such action upon receipt of a written request to do so;

8.2.2 a bid offer which does not, in the Municipality's opinion, materially and/or substantially deviate from the terms, conditions and specifications of the bid document.

8.2.3 the whole bid or part of a bid or any item or part of any item, or to accept more than one bid (in the event of a number of items being offered), and the Municipality is not obliged to accept the lowest or any bid.

8.3 The Municipality has the right to summarily disqualify any bidder who, either at the date of submission of a bid or at the date of its award, is indebted to the Municipality in respect of any municipal rates and taxes or municipal service charges for more than three months. However, an agreement signed by the bidder whereby the bidder agrees that a percentage or fixed amount at the discretion of the municipality, be deducted from payments due to him/her for this bid, until the debt is paid in full, will also be accepted by the Municipality.

9. INCORRECT INFORMATION

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

10. WITHDRAWAL OF BID DURING AND AFTER THE SCM PROCESS:

10.1 When a bidder withdraws his/her bid during the SCM bidding process, it must be in writing, prior to the award of the bid, of which Overstrand holds the right to accept or reject with or without a claim for any damages.

10.2 When a bidder withdraws or cancels the contract after award of the bid to the particular winner of the bid, the awarded bidder will be held responsible for any damages or administrative expenses incurred prior to the award of the bid.

11. INVOICES

11.1 All invoices must be forwarded to the following address:

Overstrand Municipality

PO Box 20

Hermanus, 7200

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11.2 Legal requirements for invoices

Please ensure that your tax invoices complies with the requirements as stipulated by SARS (VAT Act No 89 of 1991), i.e.:

11.2.1 Ordinary invoice (not VAT Registered)

- (a) The word '**INVOICE**' to be displayed in a prominent place
- (b) Official invoice number and date of transaction
- (c) Trade name, legal name, registration number (if any) and address of supplier
- (d) The Official order number of Overstrand Municipality is compulsory – non-compliance will result in non-payment
- (e) The Municipality's name and postal address (PO Box 20, Hermanus, 7200)
- (f) Accurate description of goods and / or services supplied / provided.
- (g) Unit of measurement of goods or services supplied
- (h) Price

11.2.2 VAT/Tax invoice (VAT registered) an example of a valid Tax Invoice is attached as **Annexure C**.

- (a) Word '**TAX INVOICE**' to be displayed in a prominent place
- (b) Trade, legal name and registration number(if any) of supplier
- (c) Address and VAT number of supplier
- (d) The official invoice number and date of invoice
- (e) The Official order number of Overstrand Municipality is compulsory – non-compliance will result in non-payment
- (f) The Municipality's name and postal address (PO Box 20, Hermanus, 7200) and VAT registration number (4140106396)
- (g) Accurate description of goods and / or services supplied / provided.
- (h) Unit of measurement of goods or services supplied
- (i) Price and VAT amount

12. PAYMENT TERMS

- 12.1 It is the policy of the Overstrand Municipality to pay all creditors by means of electronic bank transfers.
- 12.2 Creditors will be paid within 30 days after receipt of an invoice and statement for the month in question, detailing all invoices during that month and reflecting the total amount due by the Municipality. In exceptional circumstances, the Municipality may, at its discretion, deviate from the above.
- 12.3 In order to qualify for a weekly payment, a supplier must be registered as a **Survivalist Enterprise / Micro Enterprise**¹ on the Municipality's supplier database. It must however be noted, that a weekly payment is not a right in terms of this Policy. Survivalist and Micro enterprises may request such payments which may then be made at the discretion of the Municipality. These weekly payments will be reviewed after a period of 12 months of doing business with the Municipality, as it may be assumed that the enterprise will, by that stage be self-sustainable. It is the obligation of the supplier to arrange earlier payments with the creditors department.

13. PRECEDENCE OF TERMS AND CONDITIONS

- 13.1 Precedence of terms and conditions in documentation during the bidding process and after award, resulting in an formal agreement:
 - 13.1.1 The following legislative and legal precedence will apply to documentation during the bidding process subsequent to the award of a bid to a bidder:
 - 13.1.1.1 Municipal Financial Management Act 56 of 2003
 - 13.1.1.2 Municipal Supply Chain Management Regulations
 - 13.1.1.3 Supply Chain Management policy
 - 13.1.1.4 Specifications of the bid document
 - 13.1.1.5 Special Conditions of Contract
 - 13.1.1.6 General Conditions of Contract
 - 13.1.1.7 Service Level Agreements/ Service Delivery Agreements
 - 13.1.1.8 Memorandum of Understanding/ Memorandum of Agreements

¹ SURVIVALIST ENTERPRISES / MICRO ENTERPRISES ARE DEFINED **Micro enterprises** are very small businesses, often involving only the owner, some family members and at the most one or two paid employees. They usually lack 'formality' in terms of business licenses, value-added tax (VAT) registration, formal business premises, operating permits and accounting procedures. Most of them have a limited capital base and only rudimentary technical or business skills among their operators. However, many micro enterprises advance into viable small businesses. Earning levels of micro enterprises differ widely, depending on the particular sector, the growth phase of the business and access to relevant support.

AS FOLLOWS:

Survivalist enterprises are generally defined as businesses set up by people unable to find a paid job or get into an economic sector of their choice. Income generated from these activities usually falls far short of even a minimum income standard, with very little capital invested, virtually no skills training in the particular field and only limited opportunities for growth into a viable business. This category is characterised by poverty and the attempt to survive.

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7. MBD 4 – DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state².
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her interest.
3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid:

3.1.	Full name of bidder or his or her representative				
3.2.	Identity number				
3.3.	Position occupied in the company (director, shareholder ³ etc.)				
3.4.	Company registration number				
3.5.	Tax reference number				
3.6.	VAT registration number				
3.7.	Are you presently in the service of the state?	Yes		No	
3.7.1.	If so, furnish particulars:				
3.8.	Have you been in the service of the state for the past twelve months?	Yes		No	
3.8.1.	If so, furnish particulars:				
3.9.	Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?	Yes		No	
3.9.1.	If so, furnish particulars:				
3.10.	Are you aware of any relationship (family, friend, other) between a bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid?	Yes		No	
3.10.1.	If so, furnish particulars:				
3.11.	Are any of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	Yes		No	
3.11.1.	If so, furnish particulars:				

² MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
 - i. any municipal council;
 - ii. any provincial legislature; or
 - iii. the National Assembly or the National Council of Provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

³ "Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.



3.12.	Is any spouse, child or parent of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	Yes		No	
3.12.1.	If so, furnish particulars:				
3.13.	Do you or any of the directors, trustees, managers, principal shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract?	Yes		No	
3.13.1.	If so, furnish particulars:				
3.14.	Please provide the following information on ALL directors / shareholders / trustees /members below:				
full name and surname	identity number	personal income tax number	Provide State ⁴ employee number (Only to be completed if in the service of the State)		

NB:

- PLEASE ATTACH CERTIFIED COPY(IES) OF ID DOCUMENT(S)
- PLEASE PROVIDE PERSONAL INCOME TAX NUMBERS FOR ALL DIRECTORS / SHAREHOLDERS / TRUSTEES / MEMBERS, ETC.

4. DECLARATION

I, the undersigned (name) _____, certify that the information furnished in paragraph 3 above is correct.

I accept that the state may act against me should this declaration prove to be false.

SIGNATURE		DATE	
NAME OF SIGNATORY			
POSITION			
NAME OF COMPANY			

⁴ **MSCM Regulations: "in the service of the state" means to be –**

- a member of –
 - any municipal council;
 - any provincial legislature; or
 - the National Assembly or the National Council of Provinces;
- a member of the board of directors of any municipal entity;
- an official of any municipality or municipal entity;
- 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);
- a member of the accounting authority of any national or provincial public entity; or
- an employee of Parliament or a provincial legislature.



8. MBD 6.1 – PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad Based Black Economic Empowerment (B-BBEE) Status Level of Contribution.

NB:

Before completing this form, bidders must study the general conditions, definitions and directives applicable in respect of B-BBEE, as prescribed in the Preferential Procurement Regulations, 2017.

1. GENERAL CONDITIONS

- 1.1. The following preference point systems are applicable to all bids:
 - 1.1.1. the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
 - 1.1.2. the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).
- 1.2. The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable.
- 1.3. Preference points for this bid shall be awarded for:
 - 1.3.1. Price; and
 - 1.3.2. B-BBEE Status Level of Contribution.
- 1.4. The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTION	20
Total points for Price and B-BBEE must not exceed	100

- 1.5. Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.6. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- 2.1. **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.2. **“B-BBEE status level of contributor”** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- 2.3. **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;
- 2.4. **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003) as amended by Act No 46 of 2013;
- 2.5. **“EME”** means an Exempted Micro Enterprise as defined by Codes of Good Practice issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- 2.6. **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents;
- 2.7. **“prices”** includes all applicable taxes less all unconditional discounts;
- 2.8. **“proof of B-BBEE status level of contributor ”** means:
 - 2.8.1. Original B-BBEE Status level certificate issued by an authorized body or person or a certified copy thereof;



- 2.8.2. An original sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
- 2.8.3. Any other requirement prescribed in terms of the B-BBEE Act;
- 2.9. “QSE” means a Qualifying Small Enterprise as defined by Codes of Good Practice issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act,
- 2.10. “rand value” means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- 2.11. “sub-contract” means the primary contractor’s assigning, leasing, making out work to, or employing.

3. POINTS AWARDED FOR PRICE

3.1. THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

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

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

Where:-

- P_s* = Points scored for comparative price of bid under consideration
- P_t* = Comparative price of bid under consideration
- P_{min}* = Comparative price of lowest acceptable bid.

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

- 4.1. In terms of Regulation 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

5. BID DECLARATION

- 5.1. Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

5.1.1.	B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1	
5.1.2.	B-BBEE Status Level of Contributor	
5.1.3.	Points claimed in respect of Level of Contribution (maximum of 10 or 20 points)	

- 5.2. (Points claimed in respect of paragraphs 5.1 and 6.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS, or an original sworn affidavit where applicable.)



6. SUB-CONTRACTING

6.1.	Will any portion of the contract be sub-contracted? (Tick applicable box)	Yes		No	
	If yes, indicate:				
i.	what percentage of the contract will be subcontracted	%			
ii.	the name of the sub-contractor				
iii.	the B-BBEE status level of the sub-contractor				
iv.	whether the sub-contractor is an EME or QSE (Tick applicable box)	Yes		No	
v.	Specify, by ticking the appropriate box, if sub-contracting with an enterprise in terms of Preferential Procurement Regulations, 2017:				
	Designated Group: An EME or QSE which is at least 51% owned by:	EME	QSE		
		√	√		
a.	Black people				
b.	Black people who are youth				
c.	Black people who are women				
d.	Black people with disabilities				
e.	Black people living in rural or underdeveloped areas or townships				
f.	Cooperative owned by black people				
g.	Black people who are military veterans				
	OR				
h.	Any EME				
i.	Any QSE				

7. DECLARATION WITH REGARD TO COMPANY/FIRM

7.1.	Name of company/firm			
7.2.	VAT registration number			
7.3.	Company registration number			
7.4.	TYPE OF COMPANY/FIRM (Tick applicable box)	Partnership / Joint Venture / Consortium		
		One person business / sole proprietor		
		Close Corporation (CC)		
		Company ((Pty) Ltd. / Ltd.)		
		Company (Ltd.)		
7.5.	Describe principal business activities			



7.6.	Company Classification (Tick applicable box)	Manufacturer	
		Supplier	
		Professional service provider	
		Other service providers, e.g. transporter, etc.	
7.7.	Municipal information		
i.	Municipality where business is situated		
ii.	Registered municipal account number		
iii.	Stand number		

7.8.	Total number of years the company/firm has been in business	
------	---	--

7.9. I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE status level of contributor indicated in paragraphs 1.4 and 5.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- 7.9.1. The information furnished is true and correct;
- 7.9.2. The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- 7.9.3. In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 5.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- 7.9.4. If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - a) disqualify the person from the bidding 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 bidder 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.

SIGNATURE OF BIDDER(S):			
WITNESS 1:		WITNESS 2:	
DATE:			
ADDRESS:			



10. MBD 6.2. – DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

Introduction

This Municipal Bidding Document (MBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the:

- General Conditions,
- Definitions,
- Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017; and
- South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1)⁵ and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates
 - Annexure C- Local Content Declaration: Summary Schedule,
 - Annexure D- Imported Content Declaration: Supporting Schedule to Annex C and
 - Annexure E- Local Content Declaration: Supporting Schedule to Annex C.

1. General Conditions

- 1.1 Preferential Procurement Regulations, 2017 (Regulation 8) makes provision for the promotion of local production and content.
- 1.2 Regulation 8(2) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3 Where necessary, for bids referred to in paragraph 2.1 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4 A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5 The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where
x is the imported content in Rand
y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by the South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as required in paragraph 4.1 below.

- 1.6 A bid may be disqualified if:
 - (a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation; and
 - (b) the bidder fails to declare that the Local Content Declaration Templates (Annex C, D and E) have been audited and certified as correct.

2. Definitions

- 2.1 “**bid**” includes written price quotations, advertised competitive bids or proposals;
- 2.2 “**bid price**” price offered by the bidder, excluding value added tax (VAT);
- 2.3 “**contract**” means the agreement that results from the acceptance of a bid by an organ of state;
- 2.4 “**designated sector**” means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;
- 2.5 “**duly sign**” means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility (close corporation, partnership or individual).
- 2.6 “**imported content**” means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour and intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;
- 2.7 “**local content**” means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;
- 2.8 “**stipulated minimum threshold**” means that portion of local production and content as determined by the Department of Trade and Industry; and
- 2.9 “**sub-contract**” means the primary contractor’s assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.

⁵ The SABS approved technical specification number SATS 1286:2011 is accessible on

<http://www.thedti.gov.za/industrialdevelopment/ip.jsp> at no cost.



3. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

#	Description of services, works or goods	Stipulated minimum threshold as a %
1.	Post-paid electricity meters	70%
2.	Smart meters	50%

4. Does any portion of the services, works or goods offered have any imported content? (Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by the SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annexure A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Yuan	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

5. Were the Local Content Declaration Templates (Annexure C, D and E) audited and certified as correct?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

5.1 If yes, provide the following particulars:

a) Full name of auditor:	
b) Practice number:	
c) Telephone and cell number:	
d) Email address:	

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer)

6. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the Accounting Officer provide directives in this regard.

SIGNATURE OF BIDDER(S):			
WITNESS 1:		WITNESS 2:	
DATE:			
ADDRESS:			



LOCAL CONTENT DECLARATION

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

In respect of Tender No. SC2203/2021, issued by Overstrand Municipality

NB

1. The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
2. Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annexure C, D and E) is accessible on <http://www.thedti.gov.za/industrial development/ip.jsp>. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in Annexure (C) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, _____ (full names),

do hereby declare, in my capacity as _____,

of _____,

(name of bidder entity), the following:

1. The facts contained herein are within my own personal knowledge.
2. I have satisfied myself that
 - a) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
 - b) the declaration templates have been audited and certified to be correct.
3. The local content percentages (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C;

Bid price (Excluding VAT) (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above. The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

4. I accept that the Municipality has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
5. I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Municipality imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

	SIGNATURE	DATE
TENDERER		
WITNESS 1:		
WITNESS 2:		

MUNISIPALITEIT



MUNICIPALITY

ANNEXURE C

SATS 1286.2011

Local Content Declaration – Summary Schedule

(C1) Tender No.	SC2203/2021			NOTE: VAT to be excluded from all calculations
(C2) Tender Description	SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023			
(C3) Designated product(s)	METERS			
(C4) Tender Authority	OVERSTRAND MUNICIPALITY			
(C5) Name of Tendering Entity				
(C6) Tender Exchange Rate	Currency		Rate	
(C7) Specified local content %	50%			

Tender Item No's	List of Items	Calculation of local content						Tender summary			
		Tender Price – each	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Quantity	Total tender value	Total exempted imported content	Total imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
1.1.	PLC METERS SEE ITEM #1 IN SPECIFICATIONS										
1.1.1.	MULTI FREQUENCY 1 PHASE DIN RAIL G3 -PLC METER:E460S (SMART (LANDIS OR COMPATIBLE)							1650			
1.1.2.	MULTI FREQUENCY 3 PHASE DIN RAIL G3-PLC METER:E460S (LANDIS OR COMPATIBLE)							650			
1.1.3.	CUSTOMER INTERFACE UNIT: P160 PLC CUSTOMER INTERFACE UNIT (STAND-ALONE) (LANDIS OR COMPATIBLE)							60			
1.1.4.	MULTI FREQUENCY 1 PHASE BS G3 – PLC METER E460S (LANDIS OR COMPATIBLE)							6			
1.1.5.	MULTI FREQUENCY 3 PHASE BS G3 – PLC METER E460S (LANDIS OR COMPATIBLE)							10			

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Tender Item No's	List of Items	Calculation of local content						Tender summary			
		Tender Price – each	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Quantity	Total tender value	Total exempted imported content	Total imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
1.1.6.	E650 SERIES 3 – ZXD400AT/CT METER (LANDIS OR COMPATIBLE)							10			
1.1.7.	E65C CU-U52 – MODEM (LANDIS OR COMPATIBLE)							10			
1.1.8.	SG101 IS AN INDUSTRIAL GPRS/EDGE/3G MODEM (LANDIS OR COMPATIBLE)							10			
1.1.9.	COVERT GSM MULTIBAND OMNI-DIRECTIONAL ANTENNA (824-960MHZ AND 1710-2200MHZ) (LANDIS OR COMPATIBLE)							10			
1.1.10.	THE SG106; INDUSTRIAL GPRS/EDGE/3G MODEM FOR LANDIS+GYR E460S (LANDIS OR COMPATIBLE)							10			

(C20) Total tender value	
(C21) Total Exempt imported content	
(C22) Total Tender value net of exempt imported content	
(C23) Total Imported content	
(C24) Total local content	
(C25) Average local content % of tender	

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

DATE



Imported Content Declaration – Supporting Schedule to Annexure C

(D1)	Tender No.	SC2203/2021		
(D2)	Tender Description	SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023		
(D3)	Designated product(s)	METERS		
(D4)	Tender Authority	OVERSTRAND MUNICIPALITY		
(D5)	Tendering Entity's Name			
(D6)	Tender Exchange Rate	Currency		Rate

NOTE: VAT to be excluded from all calculations

A. Exempted imported content				Calculation of imported content					
Tender item no's	Description of imported content	Local supplier	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)

Summary	
Tender Quantity	Exempted imported value
(D17)	(D18)

(D19) Total exempt imported value

This total must correspond with Annex C – C21

B. Imported directly by the Tenderer				Calculation of imported content					
Tender item no's	Description of imported content	Unit of measure	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)

Summary	
Tender Quantity	Total imported value
(D30)	(D31)

(D32) Total imported value by tenderer



Imported Content Declaration – Supporting Schedule to Annexure C

NOTE: VAT to be excluded from all calculations

C. Imported by a 3 rd party and supplied to the Tenderer				Calculation of imported content						Summary	
Description of imported content	Unit of measure	Local supplier	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost	Quantity imported	Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total imported value by 3rd party											

D. Other foreign currency payments			Calculation of foreign currency payments		Summary of Payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender rate of exchange	Local value of payments	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)	
(D52) Total of foreign currency payments declared by tenderer and/or 3rd party						
(D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above						

This total must correspond with Annex C – (C23)

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

DATE



ANNEX E	SATS 1286.2011
Local content Declaration – Summary Schedule	

(E1) Tender No.	SC2203/2021	NOTE: VAT to be excluded from all calculations
(E2) Tender Description	SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023	
(E3) Designated product(s)	METERS	
(E4) Tender Authority	OVERSTRAND MUNICIPALITY	
(E5) Tendering Entity's Name		

LOCAL PRODUCTS (Goods, Services and Works)		
Description of items purchased	Local suppliers	Value
(E6)	(E7)	(E8)
(E9) Total local products (Goods, service and works)		

(E10) Manpower costs (Tenderer's own manpower cost)

(E11) Factory overheads (Rental, depreciation & amortization, utility costs, consumables, etc.)

(E12) Administration overheads and mark-up (Marketing, insurance, financing interest, etc.)

(E13) Total local content

This total must correspond with Annex C – C24

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

DATE

MUNISIPALITEIT



MUNICIPALITY

ANNEXURE C				SATS 1286.2011
Local Content Declaration – Summary Schedule				
(C1) Tender No.	SC2203/2021			
(C2) Tender Description	SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023			
(C3) Designated product(s)	Meters			
(C4) Tender Authority	OVERSTRAND MUNICIPALITY			
(C5) Name of Tendering Entity				
(C6) Tender Exchange Rate	Currency		Rate	
(C7) Specified local content %	70%			

NOTE:
VAT to be excluded from all calculations

Tender Item No's	List of Items	Calculation of local content						Tender summary			
		Tender Price – each	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Quantity	Total tender value	Total exempted imported content	Total imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
1.2.	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (Ontec or compatible) SEE ITEM #1 IN SPECIFICATIONS										
1.2.1.	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (ONTEC OR COMPATIBLE)							50			
1.2.2.	ACE 9000 PLC CIU STANDARD, COMMON BASE KEYPAD (ONTEC OR COMPATIBLE)							10			
1.2.3.	ACE 9000 PLC CIU STAND-ALONE, KEYPAD (ONTEC OR COMPATIBLE)							10			
1.3.	OTHER METERS										
1.3.1.	BLANK COVER FOR COMMON BASE							10			

(C20) Total tender value			
(C21) Total Exempt imported content			
(C22) Total Tender value net of exempt imported content			
(C23) Total Imported content			

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

MUNISIPALITEIT



MUNICIPALITY

DATE

(C24) Total local content

(C25) Average local content % of tender

MUNISIPALITEIT



MUNICIPALITY

ANNEXURE D

SATS 1286.2011

Imported Content Declaration – Supporting Schedule to Annexure C

(D1)	Tender No.	SC2203/2021		
(D2)	Tender Description	SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023		
(D3)	Designated product(s)	METERS		
(D4)	Tender Authority	OVERSTRAND MUNICIPALITY		
(D5)	Tendering Entity's Name			
(D6)	Tender Exchange Rate	Currency		Rate

NOTE: VAT to be excluded from all calculations

A. Exempted imported content				Calculation of imported content					
Tender item no's	Description of imported content	Local supplier	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)

Summary	
Tender Quantity	Exempted imported value
(D17)	(D18)

(D19) Total exempt imported value

This total must correspond with Annex C – C21

B. Imported directly by the Tenderer				Calculation of imported content					
Tender item no's	Description of imported content	Unit of measure	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)

Summary	
Tender Quantity	Total imported value
(D30)	(D31)

(D32) Total imported value by tenderer

MUNISIPALITEIT



MUNICIPALITY

ANNEXURE D - Continued	SATS 1286.2011
Imported Content Declaration – Supporting Schedule to Annexure C	

NOTE: VAT to be excluded from all calculations

C. Imported by a 3 rd party and supplied to the Tenderer				Calculation of imported content						Summary	
Description of imported content	Unit of measure	Local supplier	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost	Quantity imported	Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total imported value by 3rd party											

D. Other foreign currency payments			Calculation of foreign currency payments		Summary of Payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender rate of exchange	Local value of payments	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)	
(D52) Total of foreign currency payments declared by tenderer and/or 3rd party						
(D53) Total o imported content and foreign currency payments – (D32), (D45) and (D52) above						

This total must correspond with Annex C – (C23)

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

DATE



ANNEX E	SATS 1286.2011
Local content Declaration – Summary Schedule	

(E1) Tender No.	SC2203/2021	NOTE: VAT to be excluded from all calculations
(E2) Tender Description	SUPPLY AND DELIVERY OF ELECTRICAL METERS AND ELECTRICAL ITEMS TO THE OVERSTRAND MUNICIPALITY FOR A CONTRACT PERIOD ENDING 30 JUNE 2023	
(E3) Designated product(s)	METERS	
(E4) Tender Authority	OVERSTRAND MUNICIPALITY	
(E5) Tendering Entity's Name		

LOCAL PRODUCTS (Goods, Services and Works)		
Description of items purchased <i>(E6)</i>	Local suppliers <i>(E7)</i>	Value <i>(E8)</i>
(E9) Total local products (Goods, service and works)		

(E10) Manpower costs (Tenderer's own manpower cost)

(E11) Factory overheads (Rental, depreciation & amortization, utility costs, consumables, etc.)

(E12) Administration overheads and mark-up (Marketing, insurance, financing interest, etc.)

(E13) Total local content

This total must correspond with Annex C – C24

SIGNATURE OF TENDERER AS PER LOCAL CONTENT DECLARATION

DATE



11. MBD 8 – DECLARATION OF BIDDER’S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

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

4.1	Is the bidder or any of its directors listed on the National Treasury’s database as a company or person prohibited from doing business with the public sector? <i>(Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the audi alteram partem rule was applied).</i>	Yes	No
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? <i>(To access this Register enter the National Treasury’s website, www.treasury.gov.za, click on the icon “Register for Tender Defaulters” or submit your written request for a hard copy of the Register to facsimile number (012) 3265445).</i>	Yes	No
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
4.3.1	If so, furnish particulars:		
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes	No
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes	No
4.5.1	If so, furnish particulars:		

5. 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:		NAME (PRINT):	
CAPACITY:		DATE:	
NAME OF FIRM:			



12. MBD 9 – CERTIFICATE OF INDEPENDENT BID DETERMINATION

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. This Municipal Bidding Document (MBD) must form part of all bids invited. 2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).⁶ Collusive bidding is a <i>per se</i> prohibition meaning that it cannot be justified under any grounds. 3. Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to: <ol style="list-style-type: none"> 3.1. take all reasonable steps to prevent such abuse; | <ol style="list-style-type: none"> 3.2. 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 3.3. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract. 4. This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging. 5. In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid: |
|--|---|

CERTIFICATE OF INDEPENDENT BID DETERMINATION:

In response to the invitation for the bid made by:

OVERSTRAND MUNICIPALITY

I, the undersigned, in submitting the accompanying bid, hereby make the following statements that I certify to be true and complete in every respect:

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. I have read and I understand the contents of this Certificate; 2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect; 3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder; 4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder; 5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who: <ol style="list-style-type: none"> 5.1. has been requested to submit a bid in response to this bid invitation; 5.2. could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and 5.3. provides the same goods and services as the bidder and/or is in the same line of business as the bidder 6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium⁷ will not be construed as collusive bidding. 7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding: <ol style="list-style-type: none"> 7.1. prices; 7.2. geographical area where product or service will be rendered (market allocation) 7.3. methods, factors or formulas used to calculate prices; 7.4. the intention or decision to submit or not to submit, a bid; 7.5. the submission of a bid which does not meet the specifications and conditions of the bid; or 7.6. bidding with the intention not to win the bid. | <ol style="list-style-type: none"> 8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates. 9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract. 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		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

⁶ 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.

⁷ 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.



13. MBD 15 – CERTIFICATE FOR PAYMENT OF MUNICIPAL SERVICES

DECLARATION IN TERMS OF PARAGRAPH 38(1)(d)(i) OF THE SUPPLY CHAIN MANAGEMENT POLICY OF THE OVERSTRAND MUNICIPALITY (To be signed in the presence of a Commissioner of Oaths)

I, _____, _____ (full name and ID no.), hereby acknowledge that the Municipality may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the bidder or any of its directors/members/partners to the Overstrand Municipality, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months.

I declare that I am duly authorised to act on behalf of _____ (name of the firm) and hereby declare, that to the best of my personal knowledge, neither the firm nor any director/member/partner of said firm is in arrears on any of its municipal accounts with any municipality in the Republic of South Africa, for a period longer than 3 (three) months.

I further hereby certify that the information set out in this schedule and/or attachment(s) hereto is true and correct. The bidder acknowledges that failure to properly and truthfully complete this schedule may result in the tender being disqualified, and/or in the event that the tenderer is successful, the cancellation of the contract.

PHYSICAL BUSINESS ADDRESS(ES) OF THE TENDERER	MUNICIPAL ACCOUNT NUMBER

Further details of the bidder’s director(s) / shareholder(s) / partner(s) / member(s), etc.:

Director / partner / member	Physical residential address of the director / partner / member	Municipal account number(s)

PLEASE NOTE:

1. Copies of all municipal accounts, not older than 3 months, to be submitted with the bid.
2. If the entity or any of its directors/shareholders/partners/members, etc. rents/leases premises a copy of the rental/lease agreement is to be submitted with this bid.

Signature	Position	Date

<p style="text-align: center;">COMMISSIONER OF OATHS</p> <p>Signed and sworn to before me at _____, on this _____ day of _____ 20____</p> <p>by the deponent, who has acknowledged that he/she knows and understands the contents of this affidavit, 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.</p> <p>COMMISSIONER OF OATHS:-</p> <p>Signature: _____</p> <p>Print _____ name: _____</p>	<p>Apply official stamp of authority on this page:</p>
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14. MBD 16 – KEY PERFORMANCE INDICATORS

1. KEY PERFORMANCE INDICATORS (KPIs)			
1.1.	Work(s) performed / goods delivered within timeframes specified		
1.2.	Work(s) performed / goods delivered within financial framework specified		
1.3.	Acceptable quality of work(s) performed / goods delivered		
<p>I / We acknowledge that I / we am / are fully acquainted with the abovementioned Key Performance Indicators (KPIs) applicable to this tender / contract as stipulated by the Municipality and that I / we accept these Key Performance Indicators (KPIs) in all respects.</p> <p>I / We furthermore confirm I / we satisfied myself / ourselves as to the corrections and validity of my / our tender: that the price quoted cover all the work / item(s) specified in the tender document and that the price cover all my / our obligations under a resulting contract and that I / we accept that any mistake(s) regarding price and calculations will be at my / our risk.</p>			
SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			
WITNESS 1		WITNESS 2	



15. SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, NO 85 OF 1993

INTRODUCTION

In terms of section 16(1) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993) the Chief Executive Officer is responsible as far as is reasonably practicable to ensure that the duties of his employer as contemplated in the Act are properly discharged. This responsibility is also, in terms of section 37(2) of the Act, extended to include a mandatory that performs work on behalf of the employer on his/her premises.

A "mandatory" is defined in the said Act as: - "Including an agent, contractor or subcontractor for work, but without derogating from his status in his own right as an employer or user"

In terms of Section 37(2), read with section 41, of the said Act, it is legally possible for an employer to indemnify himself from this responsibility or liability regarding the actions of the mandatory. Section 37(2) stipulates that there should be a written agreement in place

between the employer and the mandatory regarding the arrangements and procedures between them to ensure compliance by the mandatory with the provisions of the Occupational Health and Safety Act, 1993.

By ensuring that there is a written agreement in place, the management of Overstrand Municipality is acting in a responsible manner, so as to ensure that this requirement is indeed being met.

In order to ensure that this written agreement is honoured at all times, regular inspections of work that is in the process of being executed will be conducted and if found not to be in compliance with the said agreement, a notice of non-compliance will be issued. All work will be stopped, reasons for non-compliance must be given including the corrective action that will be taken to rectify the situation must be stipulated.

COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT, 1993 (ACT 130 OF 1993)	
Overstrand Municipality has legal duty in terms of Section 89 of the said Act to ensure that all contractors with whom agreements are entered into for the execution of work are registered as employers in accordance with the provisions of this Act and that all the necessary assessments have been paid by the contractor. In order to enter into this agreement, the following information is needed regarding the above-mentioned:	
Contractor's registration number with the office of the Compensation Commissioner:	
NOTE: A copy of the latest receipt together with a copy of the relevant assessment OR a copy of a valid Letter of Good Standing to be handed in, in this regard.	

WRITTEN AGREEMENT

This is a written agreement between

OVERSTRAND MUNICIPALITY

And

(Name of the MANDATARY)

in terms Section 37(2) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993) as amended.

I, _____,

representing the MANDATARY do hereby acknowledge that _____

(mandatory) is an employer in its own right with duties as prescribed in the Occupational Health and Safety Act, 1993 (Act 85 of 1993) as amended and agree to ensure that all work that will be performed, any article or substance that will be produced, processed, used, handled, stored or transported and plant and machinery that will be used, will be done in accordance with the provisions of the said Act.

I furthermore agree to comply with the Health and Safety requirements and to liaise with the Municipality should I, for whatever reason, be unable to perform in terms of this Agreement.

SIGNED ON BEHALF OF MANDATORY			
DATE:		PLACE:	
PRINT NAME:			
CAPACITY:			
SIGNATURE:			
SIGNED ON BEHALF OF THE MUNICIPALITY			
DATE:		PLACE:	
PRINT NAME:			
CAPACITY:			
SIGNATURE:			



16. INDEMNITY

Given by (name of company) _____
of (registered address of company) _____
a company with limited liability registration number _____
registered in terms of Laws of the Republic of South Africa (hereinafter the contractor), represented by
(name of representative) _____
in his capacity as (designation) _____
of the contractor, and duly authorised by a resolution dated _____/20_____.

WHEREAS the contractor entered into a contract with the municipality dated _____/20_____.

AND WHEREAS the Municipality requires an indemnity from the contractor.

NOW THEREFORE the contractor hereby indemnifies and holds harmless the Municipality in respect of all loss and/or damage that may be incurred or sustained by the contractor by reason of or in any way arising out of or caused by operations that may be carried out by the contractor in connection with the aforementioned contract; and also in respect of all claims that may be instituted against the Municipality in consequence of such operations, by reason of or in any way arising out of any accidents or damage to life or property or any other cause whatsoever including all legal fees and costs that may be incurred by the Municipality in examining, resisting or settling any such claims.

SIGNATURE OF CONTRACTOR:	
DATE:	
SIGNATURE OF WITNESS 1:	
DATE:	
SIGNATURE OF WITNESS 2:	
DATE:	



PART B – SPECIFICATIONS AND PRICING SCHEDULE

17. SPECIFICATIONS

1 INTRODUCTION / BACKGROUND

The successful bidder / bidders will be expected to supply and deliver Electrical Meters and Electrical items to Overstrand Municipality (OM) for the contract period ending 30 June 2023.

- 1.1 The submission of a tender signifies complete acceptance of the conditions contained in these instructions, the Form of Offer and the annexures.
- 1.2 Overstrand Municipality may request the bidders to provide lead times, prices and manufacturers information on an excel spread sheet as per pricing schedule if so required.
- 1.3 Where Brand names are used it is to indicate a quality standard required.

2 SCOPE

2.1 Time

- 2.2 Lead times must be indicated on the pricing schedule and delivery must take place within the lead times specified, to give effect to the obligations in the agreement.

2.3 Pricing

- 2.3.1 Prices must include delivery and off-loading at the respective stores mentioned in 3.5 below and must include VAT.
- 2.3.2 Should there be any inconsistencies between the excluding amount and the including vat amount the excluding amount will be deemed to be correct.
- 2.3.3 Prices should be fixed for a period ending 30 June 2023, subject to price movement agreed to in writing following the selected Price Adjustment Mechanism. Should excessive increases occur, the municipality will reserve the right to obtain other quotations and/or cancel the contract?

2.3.4 Price Movements / Escalations

- 2.3.4.1 General Items; industry escalation will be considered on 85 % of your offer e.g. If your offer is R100 incl vat and the industry escalation is 6% then the 6% will be escalated on R85 of your offer.

2.4 Quality and quantities:

- 2.4.1 Quality test: The Municipality may from time to time test the quality of the products and non-compliance may result in the termination of the contract. Should the Municipality suffer any losses due to substandard quality products (as agreed to) the supplier will be held responsible.
- 2.4.2 All product items should carry (minimum of one year) guarantees or warranties. Defects will be replaced at the expense of the supplier. The supplier will be responsible for the delivery cost of replacement goods.
- 2.4.3 The quantities as indicated in the pricing schedule are only estimates which will be used in order to evaluate the bid. The OM will not be bound to the estimated quantities as this will be an "as and when" tender.
- 2.4.4 OM reserves the right to reject restrictions on limited quantities provided by bidders.
- 2.4.5 Non-compliance with the agreed delivery time, quality, quantity and prices agreed (escalation type indicated) could lead to breach of contract and the supplier will be liable for any expenses incurred as a result thereof.
- 2.5 OM reserves the right to request bidders to submit samples in the evaluation period if so required.
- 2.6 OM reserves the right to make use of other suppliers. Where the supplier is in breach of contract, in failing to keep to the agreed delivery times and/or when emergencies arise and the supplier does not carry stock. The supplier will be responsible for the difference in cost, when OM needs to procure from another supplier.

3 GENERAL

- 3.1 Supply and delivery of electrical items to OM for the period ending 30 June 2023.
- 3.2 Two bidders will be identified for award, to ensure that if the first bidder fails to perform according to the tender conditions, the second bidder will be used from which to procure the goods. The first will be held responsible for the cost difference. OM will not be obligated to place orders with the second bidder, when performance of the first bidders is of an acceptable standard.
- 3.3 Notwithstanding the above OM reserves the right to award products / items individually or per category of products / items.
- 3.4 OM reserves the right to claim any damages caused by the bidder for the withdrawal of a bid after the award has taken place. This claim, due to withdrawal, will include administration and advertisement expenses.

3.5 Deliveries:

- 3.5.1 The delivery address will be indicated on the official order as one of the following:
 - 3.5.1.1 Municipal Store, 9 Mussel road, HERMANUS
 - 3.5.1.2 Municipal Store, 13th Street, KLEINMOND

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

- 3.5.1.3 Municipal Store, Voortrekker Road, GANSBAAI
- 3.5.2 Delivery of products to the designated delivery addresses as indicated above must include the off-loading thereof at the supplier's own risk and cost.
- 3.5.3 Delivery must take place on normal business days between 08h00 and 15h00. (excluding lunch hour 13h00 to 13h45) Non-compliance hereto, could lead to the rejection of the delivery and OM will not be held responsible for any cost incurred.
- 3.5.4 Bidders must supply and ensure the availability of their own labour for the offloading of the products at the designated Municipal Stores.

3.6 Validity period

- 3.6.1 The tender/quotation must remain valid, irrevocable and open for acceptance for a period of 90 days after closing date.
- 3.6.2 The validity period of a bid may be extended by the accounting officer, or his/her delegate, prior to the expiry of the validity period indicated in the bid document.

3.7 Invoicing and delivery notes

- 3.7.1 All deliveries should be accompanied by at least a delivery note. OM reserves the right to reject the delivery without a delivery note.
- 3.7.2 Preferably an invoice or pro-forma invoice must accompany all deliveries.
- 3.7.3 Incorrect invoicing will delay payment and the supplier will be held responsible for correction and resubmission of correct invoices and statements. Settlement discounts on early payments will be reserved if payment is delayed due to incorrect invoicing by the supplier (if applicable and to the agreed settlement discount).

3.8 Incorrect Information

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

3.9 COIDA

The successful bidder must be COIDA compliant before the execution of any work in terms of the contractual obligations and for the duration of the contract. A letter of good standing in terms of COIDA or latest assessment and proof of payment thereof or proof of registration (only in cases of a new registration) will suffice.

4 ELIGIBILITY CRITERIA

N/A

5 LOCAL CONTENT

- 5.1 It is a requirement of this tender that various items adhere to the local content requirements as set out by the Department of Trade and Industry – See MBD 6.2 for details.
- 5.2 A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 5.3 Exemption
- 5.3.1 Where the minimum threshold for local content cannot be met for various reasons, bidders must apply for exemption for each bid (tender / formal quotation).
- 5.3.2 After checking with the industry, the dti will decide whether to grant an exemption or not.
- 5.3.3 In the official request (signed letter), the following information should be included: • Procuring entity/government department/ state owned company. • Tender/bid number. • Closing date. • Item(s) for which the exemption is being requested for. • Description of the goods, services or works for which the requested exemption item will be used for and the local content that can be met. • Reason(s) for the request. • Supporting letters from local manufacturers and suppliers.
- 5.3.4 The turnaround time in response to exemption letters for all designated products is five working days with the exception of rail and boats/vessels which is seven working days.
- 5.3.5 Requests for exemption letters must be directed to: Dr Tebogo Makube Chief Director: Industrial Procurement Tel: 012 394 3927 E-mail: tmakube@thedti.gov.za

NB - Exemption letters are tender specific and applications are not transferrable. Such exemption letters MUST be provided with the BID. If the bidder omit to supply the exemption letter with the BID then the bidder will not be evaluated further for such items;

5.4 Minimum local content contained in these specifications are as follows

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

	OM Stock code	METERS DESCRIPTION	Stipulated minimum threshold as a %		
			Prepaid Electricity Meters	Postpaid Electricity Meters	SMART Meters
1.	METERS				
1.1.	PLC METERS SEE ITEM #1 IN SPECIFICATIONS				
1.1.1.	02M070	MULTI FREQUENCY 1 PHASE DIN RAIL G3 -PLC METER:E460S (SMART (LANDIS OR COMPATIBLE)			50%
1.1.2.	02M075	MULTI FREQUENCY 3 PHASE DIN RAIL G3-PLC METER:E460S (LANDIS OR COMPATIBLE)			50%
1.1.3.	02M080	CUSTOMER INTERFACE UNIT: P160 PLC CUSTOMER INTERFACE UNIT (STAND-ALONE) (LANDIS OR COMPATIBLE)			50%
1.1.4.	NON STOCK	MULTI FREQUENCY 1 PHASE BS G3 – PLC METER E460S (LANDIS OR COMPATIBLE)			50%
1.1.5.	NON STOCK	MULTI FREQUENCY 3 PHASE BS G3 – PLC METER E460S (LANDIS OR COMPATIBLE)			50%
1.1.6.	NON STOCK	E650 SERIES 3 – ZXD400AT/CT METER (LANDIS OR COMPATIBLE)			50%
1.1.7.	NON STOCK	E65C CU-U52 – MODEM (LANDIS OR COMPATIBLE)			50%
1.1.8.	NON STOCK	SG101 IS AN INDUSTRIAL GPRS/EDGE/3G MODEM (LANDIS OR COMPATIBLE)			50%
1.1.9.	NON STOCK	COVERT GSM MULTIBAND OMNI-DIRECTIONAL ANTENNA (824-960MHZ AND 1710-2200MHZ) (LANDIS OR COMPATIBLE)			50%
1.1.10.	NON STOCK	THE SG106; INDUSTRIAL GPRS/EDGE/3G MODEM FOR LANDIS+GYR E460S (LANDIS OR COMPATIBLE)			50%
1.2.	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (Ontec or compatible) SEE ITEM #1 IN SPECIFICATIONS				
1.2.1.	02M046	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (ONTEC OR COMPATIBLE)	70%		
1.2.2.	Non Stock	MULTI FREQUENCY SINGLE PHASE SPLIT DIN-RAIL MOUNTED PLC PREPAYMENT METER – MCU (ONTEC SIENNA OR COMPATIBLE)	70%		
1.2.3.	02M045	ACE 9000 PLC CIU STANDARD, COMMON BASE KEYPAD (ONTEC OR COMPATIBLE)	70%		
1.2.4.	02M047	ACE 9000 PLC CIU STAND-ALONE, KEYPAD (ONTEC OR COMPATIBLE)	70%		
1.3.	OTHER METERS				
1.3.1.	NON STOCK	BLANK COVER FOR COMMON BASE	70%		

6. EVALUATION AND ADJUDICATION

- 6.1. It must be noted that items will be awarded separately, where and if possible.
- 6.2. The estimated quantities will be used for evaluation purposes only and must not be seen as actual quantities to be awarded.

7. FUNCTIONALITY CRITERIA

N/A

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			




8. **Variation and Business Continuity after award of the tender:**

In the event that any item awarded on this tender is for whatever reason discontinued then Overstrand Municipality may request the successful bidder to supply an equivalent with proven matching functionality and quality. The price of the replacement goods/product may not be more than 5 (five) percent higher than the original items price awarded excluding escalations that might have occurred on the original item awarded and has now been discontinued.

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

B TECHNICAL REQUIREMENTS

ALL METERS BELOW MUST BE ABLE TO OPERATE IN CREDIT MODE and have the Base Date 2014	
1.	METERS
1.1.	PLC METERS
1.1.1.	<p>MULTI FREQUENCY 1 PHASE DIN RAIL G3 -PLC METER:E460S (SMART (LANDIS OR EQUIVALENT AND COMPATIBLE)</p>  <p>E460 1ph DIN Rail G3-PLC Series 2 (MCA 110 CR D1.2 00 x S2)</p>
1.1.1.1.	General Overview
	Compatible network
	Single phase, 2-wire
	Enclosure format
	Rail mount, with locking clip compatible with 35mm DIN standard rail or flush mounting using keyhole slot and bottom fixing screws. Long and short terminal covers supported
1.1.1.2.	IEC Specific Data
	Rated voltage (Un) Wide-range: 110 to 240 Volts AC
	Frequency 50Hz or 60Hz
	Extended operating voltage range 80% to 120% Un
	Base current (Ib) 5 Amps
	Maximum current (I _{max}) 80 Amps
	Short circuit current 30 x I _{max} (≤10 ms according to IEC 62053-21) 2.5kA r.m.s. (Utilisation Category UC2 according to IEC 62055-31)
	Meter constant (LED flash rate) 1000 impulses / kWh 1000 impulses / kVAh1
	Measurement Accuracy Active energy, according to IEC62052-11/62053-21 Class 1 Reactive energy, according to IEC62053-23 Class 2 for Ib = 10A, Class 3 for Ib = 5A
	Measurement behaviour Starting current ≤ 0.004 Ib for Class 1
1.1.1.3.	General Data
	Operating Behaviour


Signature		Name (print)	
Capacity		Date	
Name of firm			

	Power consumption in voltage circuit Active power at Un (max) <2W Apparent power at Un (max) <12VA
	Power consumption in current circuit Apparent power at Ib (max) <7VA
1.1.1.4.	Environmental Influences
	Area of application Indoor meter (according to IEC62052-11)
	Temperature range Operation meter -10°C to +55°C Storage -40°C to +70°C
	Relative humidity Maximum ≤ 95%; Annual mean 75%
	Degree of Protection (according to IEC60529) IP Rating IP54 Product is for indoor use and must be installed in a suitable enclosure when used outdoors.
1.1.1.5.	Electromagnetic Compatibility
	Electrostatic discharges (IEC61000-4-2) Air discharge 15 kV
	Electromagnetic RF fields (IEC 61000-4-3) 80 MHz to 2 GHz 10 V/m with load 30 V/m no load
	Fast transient burst (IEC61000-4-4) Current / voltage under load (IEC 62053-21) 4 kV
	Radio interference suppression (IEC / CISPR 22) Complies with requirements for CISPR 22 and CENELEC EN 50065-1
1.1.1.6.	Insulation Strength
	Insulation System Classification (According to IEC 62052-11) Protective Class II.
	Insulation Level 4 kV rms @ 50Hz for 1 minute
	Overvoltage withstand
	Overvoltage withstand 440 Vac for 48 hours, 600 VDC for 1 minute
1.1.1.7.	Surge Immunity
	Voltage impulse withstand (Differential) Meets the requirements of IEC 62052-11
	Current impulse withstand According to: IEC 62052-11, SANS 61643-1 With external arrester Withstand rating 30 kA, 8/20µs Without external arrester Withstand rating 10 kA, 8/20µs
1.1.1.8.	Calendar Clock
	Normal operation Accuracy (at +23°C) + 0.2 s/day
	Reserve running Accuracy (at +23°C) <1 s/day (EN 62054-21 requirement for time switches: 1.0s)
	Operational Reserve With super-capacitor minimum 36 hours (RTC Synchronised by Data Concentrator)
1.1.1.9.	Outputs
	Optical Test output (Active or reactive) Type Visible Red LED Meter constant 1000 pulses/kWh 1000 pulses/kVAh
1.1.1.10.	Meter Faceplate Indications
	Meter Status Indication Type Visible Yellow LED

Signature		Name (print)	
Capacity		Date	
Name of firm			

	Meter Load Switch Indication Type Visible Red LED
	PLC Status Indication Type Visible Green LED
1.1.1.11.	Phase Connections
	Format Type Bottom connect (Line, Neutral, Load)
	Terminal Details Material Mild steel, yellow passivated Type Single (M8) moving-cage terminal Diameter 8.5 mm Maximum conductor cross-section 25mm ² Type of screw slotted (flat screw driver)
1.1.1.12.	Communication Interfaces
	Optical Communications Port According to IEC 62056-21
	PLC Interface Type OFDM G3-PLC Narrowband Orthogonal Frequency Division Multiplexing (OFDM) for G3 networks in accordance with recommendation ITU-T G.9903 and CENELEC-A band plan Refer - IEC61334-4-41, ISO/IEC13239/ EN 50065 Range Typically >200m
	Load Switch
	Contact Data According to IEC 62055-31 for Utilisation Category UC2
1.1.1.13.	Meter Enclosure Material
	Material (Housing) Type: Polycarbonate, flame-retardant Resistance to spread of fire UL94-V0 rated @1.5mm. No toxic gases emitted: 'Green Material'
	Material (Terminal block) Type: Polycarbonate, flame-retardant, glass-filled Resistance to heat and fire Complies with 960°C glow-wire (IEC 60695-2-1)
1.1.1.14.	Weights & Dimensions
	Dimensions 135.5mm(H) x 50.3mm(W) x 110mm(D) (Short cover) 165.5mm(H) x 50.3mm(W) x 110mm(D) (Long cover)
	Weight Including packaging (excl. MOV) approx.450 grams Including packaging (Incl. MOV) approx.455 grams
1.1.1.15.	Sealing
	Type Meter enclosure Factory sealed for life Terminal Cover Utility sealing wires (1 point) Long and short cover
1.1.1.16.	Specifications Compliance & Approvals
	IEC 62053-21, IEC 62053-23, IEC62055-41(STS) and IEC62055-51 (STS)

Signature		Name (print)	
Capacity		Date	
Name of firm			

1.1.2.	<p>MULTI FREQUENCY 3 PHASE DIN RAIL G3-PLC METER:E460S (LANDIS OR EQUIVALENT AND COMPATIBLE)</p>  <p>E460 3ph G3-PLC Meter</p>
1.1.2.1.	General Overview
	THE METER MUST BE ABLE TO OPERATE IN CREDIT MODE
	Compatible network Three phase, four-wire
	Enclosure format Three phase, asymmetrical terminal format. Short terminal standard, long cover optional
1.1.2.2.	IEC Specific Data
	Rated voltage (Un) Wide-range: 3 X 120 to 240 Volts AC
	Frequency 50Hz or 60Hz
	Extended operating voltage range Voltage (for Un = 230V), 50% to 120% Un i.e.>115V Voltage (for Un = 120V), 80% to 120% Un i.e.>90V
	Base current (Ib) 5 Amps
	Maximum current (Imax) 100 Amps per phase
	Short circuit current 30 x Imax (≤10 ms according to IEC 62053-21) 3kA r.m.s. (Utilisation Category UC3 according to IEC 62055-31)
	Meter constant (LED flash rate) 1000 impulses / kWh 1000 impulses / kVAh1
	Measurement Accuracy Active energy, according to IEC62052-11/62053-21 = Class 1 Reactive energy, according to IEC62053-23 = Class 3 for Ib = 5A
	Measurement behaviour Starting current (Active) ≤ 0.004 Ib for Class 1 Starting current (Reactive) <0.005 Ib for Class 2
1.1.2.3.	General Data
1.1.2.4.	Operating Behavior
	Power consumption in voltage circuit (with all three phases powered up) Active power at Un 120V <1.2W Active power at Un 230V <1.6W Apparent power at Un 120V, 50Hz <4VA / phase Apparent power at Un 230V, 50Hz <12.5VA / phase
	Environmental Influences
	Area of application Indoor meter (according to IEC62052-11)
	Temperature range Operation meter -10°C to +55°C Storage -40°C to +70°C
	Relative humidity Maximum ≤ 95%; Annual mean 75%
	Degree of Protection (according to IEC60529) IP Rating IP53

Signature		Name (print)	
Capacity		Date	
Name of firm			

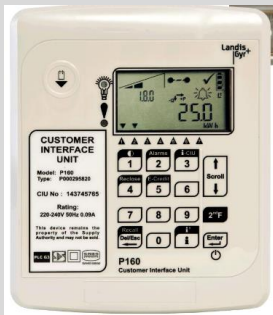
	Product is for indoor use and must be installed in a suitable enclosure when used outdoors
1.1.2.5.	Electromagnetic Compatibility
	Electrostatic discharges (IEC61000-4-2) Air discharge 15 kV
	Electromagnetic RF fields (IEC 61000-4-3) 80 MHz to 2 GHz 10 V/m with load 30 V/m no load
	Fast transient burst (IEC61000-4-4) Current / voltage under load (IEC 62053-21) 4 kV
	Radio interference suppression (IEC / CISPR 22) Complies with requirements for CISPR 22 and CENELEC EN 50065-1
1.1.2.6.	Insulation Strength
	Insulation System Classification (According to IEC 62052-11) Protective Class II
	Insulation Level 4 kV rms @ 50Hz for 1 minute
	Overvoltage withstand
	Overvoltage withstand 440 Vac for 48 hours, 600 VDC for 1 minute
1.1.2.7.	Surge Immunity
	Voltage impulse withstand (Differential) Meets the requirements of IEC 62052-11
	Current impulse withstand According to: IEC 62052-11, SANS 61643-1 With external arrester Withstand rating 30 kA, 8/20µs Without external arrester Withstand rating 10 kA, 8/20µs
1.1.2.8.	Calendar Clock
	Normal operation Accuracy (at +23°C) + 0.2 s/day
	Reserve running Accuracy (at +23°C) <1 s/day (EN 62054-21 requirement for time switches: 1.0s)
	Operational Reserve With super-capacitor minimum 36 hours (RTC Synchronised by Data Concentrator)
1.1.2.9.	Rate of Use Output
	Optical Test output (Active or reactive) Type Visible Red LED Meter constant 1000 pulses/kWh 1000 pulses/kVAh
1.1.2.10.	Meter Faceplate Indications
	Meter Status Indication Type [Dual colour] Visible Yellow LED
	PLC Status Indication Type [Dual colour] Visible Green LED
	Meter Load Switch Indication Type LCD Icon
1.1.2.11.	Phase Connections
	Format Type Asymmetrical, 8 terminals
	Terminal Details Material of terminal Brass Type Terminal with two screws Diameter 9.5 mm Minimum conductor cross-section 4.0 mm ² Maximum conductor cross-section 35.0 mm ² For wires with small conductor cross-sections (≤ 6 mm ²), the connecting line must be placed carefully in the middle of the terminal, so that it cannot move sideways when tightening the terminal screws. When tightening, ensure that the connecting line remains between the copper inside the terminal and the screw. Stranded wires must be fitted with ferrules. - Type of screw: Steel zinc-plated Pozidrive combi screws (default)

Signature		Name (print)	
Capacity		Date	
Name of firm			



	<ul style="list-style-type: none"> - Screw dimensions M6 x 14 - Maximum screw head diameter ≤ 6.6 mm - Cross-slot type Z, size 2 (ISO4757-1983) - Slot width 0.8 mm - Slot length min. 6 mm
1.1.2.12.	Communication Interfaces
	Optical Communications Port According to IEC 62056-21
	<p>G3-PLC Interface</p> <p>Frequency band CENELEC A</p> <p>OFDM G3-PLC with COSEM/DLMS communication protocol according to EN50065-1 supporting the following OSI Layers:</p> <ul style="list-style-type: none"> · ITU-T G.9903 physical layer for modulation, adaptive tone mapping and notching · MAC layer IEEE 802.15.4; time domain and collision management; CSMA/ARQ · 6LoWPAN adaptation sub layer Plug and Play network management to choose "Best Path" (Full Mesh Support) · IPv6 IETF RFC4291/4862 addressing and networking · DLMS application layer 62056-53 · COSEM application model: 62056-61 (OBIS) and 62056-62 (interface classes) Range: Typically >200m with G3-PLC repeater functionality
1.1.2.13.	Load Switch
	Contact Data According to IEC 62055-31 for Utilisation Category UC3
1.1.2.14.	Inputs and Outputs
	<p>Pulse Input</p> <p>Type S0</p> <p>Terminals 30 (+) and 31 (-)</p> <p>According to IEC 62053-31 class A</p> <p>Configurable as pulse counter or alarm input</p>
	<p>Output</p> <p>Terminals 23 and 24</p> <p>Type solid-state auxiliary load switch</p> <p>Nominal voltage 230 VAC/DC</p> <p>Maximum voltage 250 VAC/DC</p> <p>Maximum switching current 90 mA</p>
1.1.2.15.	Meter Enclosure Material
	<p>Material (Housing)</p> <p>Type: Polycarbonate, flame-retardant</p> <p>Resistance to spread of fire</p> <p>UL94-V0 rated @1.5mm. No toxic gases emitted: 'Green Material'</p>
	<p>Material (Terminal block)</p> <p>Type: Polycarbonate, flame-retardant, glass-filled</p> <p>Resistance to heat and fire - Complies with 960°C glow-wire (IEC 60695-2-1)</p>
1.1.2.16.	Weights & Dimensions
	<p>Dimensions</p> <p>Width/Height/Depth 172.0 / 198.8 / 76.6 mm</p>
	<p>Weight</p> <p>Including packaging approx.1.5kg</p>
1.1.2.17.	Sealing
	<p>Type</p> <p>Meter enclosure Factory sealed</p> <p>Terminal Cover Utility sealing wires (2 points)</p> <p>Long and short (default) covers</p>
1.1.2.18.	Specifications Compliance & Approvals

Signature		Name (print)	
Capacity		Date	
Name of firm			

<p>1.1.3.</p>	<p>CUSTOMER INTERFACE UNIT: P160 PLC CUSTOMER INTERFACE UNIT (STAND-ALONE) (LANDIS OR EQUIVALENT AND COMPATIBLE)</p>  <p>P160 G3 PLC Customer Interface Unit</p>
<p>1.1.3.1.</p>	<p>General Data</p>
	<p>Supply Voltage 110-240 VAC wide ranging power supply</p>
	<p>Supply Frequency 50Hz or 60Hz</p>
	<p>Power consumption (Burden) <1.5 W / <12 VA @ 230VAC, 50Hz</p>
	<p>Maximum Rated Current <120mA @ 230VAC, 50Hz</p>
	<p>Protective Class Double insulated – Protective Class 2</p>
	<p>Supply Connection Mains supply by means of integrated power cord. Variants are available with various international power plugs</p>
	<p>Battery 1 x 9 Volt (6LR61 type) battery</p>
<p>1.1.3.2.</p>	<p>Communications Circuitry</p>
	<p>Type Narrowband OFDM G3-PLC Power Line Carrier</p>
	<p>Protocol Device Language Message Specification (DLMS)</p>
	<p>Specification compliance IEC 61334-4-41, IEC 61334-5-2, and EN 50065-1</p>
<p>1.1.3.3.</p>	<p>Operating Environment</p>
	<p>Temperature Range Operating -10°C to +55°C Storage -40°C to +70°C</p>
	<p>Relative Humidity (IEC 62052-11) Maximum ≤ 95%; Annual mean <75%</p>
<p>1.1.3.4.</p>	<p>Enclosure</p>
	<p>Type: Wall mounted with integrated AC power cord and sliding battery compartment</p>
	<p>Degree of Protection (IP Rating) IP 51</p>
	<p>Material UV Stable Polycarbonate/ABS blend with flame-retardant, Resistance to heat and fire Complies with 960°C glow-wire (IEC 60695-2-1) Resistance to spread of fire = UL94-V0 rated @1.5mm. No toxic gases emitted: 'Green Material'</p>
	<p>Dimensions 144mm(H) x 120mm(W) x 40.8mm(D)</p>
	<p>Weight Including packaging1 approximately 350 g</p>
	<p>Sealing & Access Control</p>
	<p>Battery Compartment Type Sliding compartment for battery replacement</p>
	<p>Customer Interface Unit Enclosure Factory sealed- no user serviceable parts</p>

Signature		Name (print)	
Capacity		Date	
Name of firm			

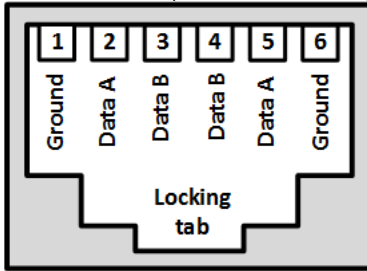


1.1.3.5.	Man-Machine Interface	
	Type Pictographic/Numeric LCD display, keypad, multi-colour rate of consumption indicator and alert LED's and audible feedback	
	Liquid Crystal Display (LCD) Size 9cm ² (50mm (W) x 26mm (H)) 8 digits in value field, 6 digits in the index field Digit size: 8mm (H) x 4mm (W)	
1.1.3.6.	Compliance / Certification Designed to conform to SANS / IEC60950	
	CIU, 16-key, including 12-key standard layout including "Information" and "Backspace" keys as well as separate additional smart user keys.	
	Buzzer Audible feedback on key press, token accept and reject melodies and alarms	
	Rate of Consumption Indicator (Rate LED) Multi-colour rate LED (colour indicates current credit level). Not for accuracy verification	
	Alarm Indicator Multi-colour LED indications for ease of use and additional audible warning of critically low credit status or other operational warnings.	
1.1.3.7.	Description	Specification
	User Interface	12 Digit keypad with audio feedback
	User Display	8 Digit LCD with language independent icons
	Consumption Display	Optional LED
	Communication Circuitry	Cenelec A compliant PLC or Equivalent The CIU shall implement a dynamic communication algorithm to minimize the interference from adjacent meters.
	IP Rating	IP51
	Installation Type	Stand Alone – plugs into mains socket
1.1.3.8.	Customer Interface Unit (CIU) - STANDARD BASE	
	User Interface	12 Digit keypad with audio feedback
	User Display	8 Digit LCD with language independent icons
	Consumption Display	Optional LED
	Communication Circuitry	Cenelec A compliant PLC or Equivalent The CIU shall implement a dynamic communication algorithm to minimize the interference from adjacent meters.
	IP Rating	IP51
	Installation Type	Standard Base plug in mount

Signature		Name (print)	
Capacity		Date	
Name of firm			

1.1.4.	MULTI FREQUENCY 1 PHASE BS G3 – PLC METER E460S (LANDIS OR EQUIVALENT AND COMPATIBLE)	
	 <p>E460 1ph BS G3-PLC Meter</p>	
1.1.4.1.	General Overview	Power consumption in current circuit
	Compatible network	Apparent power at Ib (max) <7VA
	Single phase, two-wire	Environmental Influences
	Enclosure format	Area of application
	Single phase BS, symmetrical terminal format. Short terminal standard, long cover optional	Indoor meter (according to IEC62052-11)
1.1.4.2.	IEC Specific Data	Temperature range
	Rated voltage (Un)	Operation meter -10°C to +55°C
	Wide-range: 120 to 240 Volts AC	Storage -40°C to +70°C
	Frequency	Relative humidity
	50Hz or 60Hz	Maximum ≤ 95%; Annual mean 75%
	Extended operating voltage range	Degree of Protection (according to IEC60529)
	Voltage (for Un = 230V), 50% to 120% Un i.e.>115V	IP Rating IP542
	Voltage (for Un = 120V), 80% to 120% Un i.e.>96V	Product is for indoor use and must be installed in a suitable enclosure when used outdoors
	Base current (Ib)	Electromagnetic Compatibility
	5 Amps	Electrostatic discharges (IEC61000-4-2)
	Maximum current (Imax)	Air discharge 15 kV
	100 Amps	Electromagnetic RF fields (IEC 61000-4-3)
	Short circuit current	80 MHz to 2 GHz 10 V/m with load
	30 x Imax (≤10 ms according to IEC 62053-21) 3kA r.m.s. (Utilisation Category UC3 according to IEC 62055-31)	30 V/m no load
	Meter constant (LED flash rate)	Fast transient burst (IEC61000-4-4)
	1000 impulses / kWh	Current / voltage under load (IEC 62053-21) 4 kV
	1000 impulses / kVAh1	Radio interference suppression (IEC / CISPR 22)
	Measurement Accuracy	Complies with requirements for CISPR 22 and CENELEC EN 50065-1
	Active energy, according to IEC62052-11/62053-21	Insulation Strength
	Class 1	Insulation System Classification
	Reactive energy, according to IEC62053-23	(According to IEC 62052-11) Protective Class II
	Class 3 for Ib = 5A	Insulation Level
	Measurement behaviour	4 kV rms @ 50Hz for 1 minute
	Starting current (Active) ≤ 0.004 Ib for Class 1	Overvoltage withstand
	Starting current (Reactive) <0.005 Ib for Class 3	Overvoltage withstand
1.1.4.3.	General Data	440 Vac for 48 hours, 600 VDC for 1 minute
1.1.4.4.	Operating Behaviour	Surge Immunity
	Power consumption in voltage circuit	Voltage impulse withstand (Differential)
	Active power at Un (max) < 2W	Meets the requirements of IEC 62052-11

Signature		Name (print)	
Capacity		Date	
Name of firm			

	Apparent power at Un (max) <12VA	Remains between the copper inside the terminal and the screw. Stranded wires must be fitted with ferrules.
	Current impulse withstand	- Type of screw:
	According to: IEC 62052-11, SANS 61643-1	• Steel zinc-plated slotted screws (default)
	With external arrester	Communication Interfaces
	Withstand rating 30 kA, 8/20µs	Optical Communications Port
	Without external arrester	According to IEC 62056-21
	Withstand rating 10 kA, 8/20µs	dlms/COSEM compliant
1.1.4.5.	Calendar Clock	G3-PLC Interface
	Normal operation	Frequency band CENELEC A
	Accuracy (at +23°C) + 0.2 s/day	OFDM G3-PLC with COSEM/DLMS communication protocol according to EN50065-1 supporting the following OSI Layers:
	Reserve running	• ITU-T G.9903 physical layer for modulation, adaptive tone mapping and notching
	Accuracy (at +23°C) <1 s/day	• MAC layer IEEE 802.15.4; time domain and collision management; CSMA/ARQ
	(EN 62054-21 requirement for time switches: 1.0s)	• 6LoWPAN adaptation sub layer Plug and Play network management to choose "Best Path" (Full Mesh Support)
	Operational Reserve	• IPv6 IETF RFC4291/4862 addressing and networking
	minimum 36 hours3	• DLMS application layer 62056-53
	(RTC Synchronised by Data Concentrator)	• COSEM application model: 62056-61 (OBIS) and 62056-62 (interface classes)
1.1.4.6.	Rate of Use Output	
	Optical Test output (Active or reactive)	Range: Typically >200m with G3-PLC repeater functionality
	Type Visible Red LED	RS485 Communications Port 5
	Meter constant4 1000 pulses/kWh	Type: RJ11, RS485 bidirectional, asynchronous interface, galvanically isolated (Protective class II)
	1000 pulses/kVAh	Up to 32 meters can be connected to one line and then connected to an external modem to perform readouts and parameterising.
		
	Meter Faceplate Indications	Eskom Type B Communications Port
	Meter Status Indication	According to Eskom Specification 240-76625601
	Type Visible Yellow LED	Supply Control Switch
	PLC Status Indication	Contact Data
	Type Visible Green LED	According to IEC 62055-31 for Utilisation Category UC3
	Meter Supply Control Switch Indication	Resistance to heat and fire - Complies with 960°C glow-wire (IEC 60695-2-1)
	Type LCD Icon & Visible Red LED	Weights & Dimensions
1.1.4.7.	Phase Connections	Dimensions6
	Format	Width/Height/Depth 135mm / 195 mm / 67 mm
	Type Symmetrical, 4 terminals	Please also refer to dimensional drawings
	Terminal Details	Weight
	Material of terminal Mild Steel (Passivated)	approximately 0.8kg
	Type Double screw (M6) cage terminal	Sealing
	Diameter 9.5 mm	Type
	Minimum conductor cross-section 4.0 mm ²	Meter enclosure Factory sealed with sealing wire
	Maximum conductor cross-section 35.0 mm ²	Terminal Cover Utility sealing wires (1 points)
	For wires with small conductor cross-sections (≤ 6	Long and short (default) covers

Signature		Name (print)	
Capacity		Date	
Name of firm			

	mm ²), the connecting line must be placed carefully in the middle of the terminal, so that it cannot move sideways when tightening the terminal screws. When tightening, ensure that the connecting line	Sealed for life option (sealing plugs / rear of meter)
1.1.4.8.	Inputs and Outputs	Specifications Compliance & Approvals⁷
	Pulse Input	IEC 62053-21, IEC62053-23, IEC62055-41 and IEC62055-51 (STS Compliance), dlms/COSEM
	Type S0	Meter Enclosure Material
	Terminals 30 (+) and 31 (-)	Material (Housing)
	According to IEC 62053-31 class A	Type: Polycarbonate, flame-retardant
	Configurable as pulse counter or alarm input	Resistance to spread of fire
	Output	UL94-V0 rated @1.5mm. No toxic gases emitted: 'Green Material'
	Terminals 23 and 24	Material (Terminal block)
	Type solid-state auxiliary load switch	Type: Polycarbonate, flame-retardant, glass-filled
	Nominal voltage 230 VAC/DC	
	Maximum voltage 250 VAC/DC	
	Maximum switching current 90 mA	
	IEC 62053-21, IEC62053-23, IEC62055-41 and IEC62055-51, dlms	
1.1.5.	MULTI FREQUENCY 3 PHASE BS G3 – PLC METER E460S (LANDIS OR EQUIVALENT AND COMPATIBLE)	
1.1.1.1.	General Overview	
	Compatible network Three phase, four-wire	
	Enclosure format Three phase, asymmetrical terminal format. Short terminal standard, long cover optional	
1.1.1.2.	IEC Specific Data	
	Rated voltage (Un) Wide-range: 3 X 120 to 240 Volts AC	
	Frequency 50Hz or 60Hz	
	Extended operating voltage range Voltage (for Un = 230V), 50% to 120% Un i.e.>115V Voltage (for Un = 120V), 80% to 120% Un i.e.>90V	
	Base current (Ib) 5 Amps	
	Maximum current (Imax) 100 Amps per phase	
	Short circuit current 30 x Imax (≤10 ms according to IEC 62053-21) 3kA r.m.s. (Utilisation Category UC3 according to IEC 62055-31)	
	Meter constant (LED flash rate) 1000 impulses / kWh 1000 impulses / kVAh1	
	Measurement Accuracy Active energy, according to IEC62052-11/62053-21 = Class 1 Reactive energy, according to IEC62053-23 = Class 3 for Ib = 5A	
	Measurement behaviour Starting current (Active) ≤ 0.004 Ib for Class 1 Starting current (Reactive) <0.005 Ib for Class 2	
1.1.1.3.	General Data	
	Operating Behaviour	
	Power consumption in voltage circuit (with all three phases powered up) Active power at Un 120V <1.2W Active power at Un 230V <1.6W Apparent power at Un 120V, 50Hz <4VA / phase Apparent power at Un 230V, 50Hz <12.5VA / phase	
	Environmental Influences	
	Area of application Indoor meter (according to IEC62052-11)	
	Temperature range Operation meter -10°C to +55°C	

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	Storage -40°C to +70°C
	Relative humidity Maximum ≤ 95%; Annual mean 75%
	Degree of Protection (according to IEC60529) IP Rating IP53 Product is for indoor use and must be installed in a suitable enclosure when used outdoors
	Electromagnetic Compatibility
	Electrostatic discharges (IEC61000-4-2) Air discharge 15 kV
	Electromagnetic RF fields (IEC 61000-4-3) 80 MHz to 2 GHz 10 V/m with load 30 V/m no load
	Fast transient burst (IEC61000-4-4) Current / voltage under load (IEC 62053-21) 4 kV
	Radio interference suppression (IEC / CISPR 22) Complies with requirements for CISPR 22 and CENELEC EN 50065-1
	Insulation Strength
	Insulation System Classification (According to IEC 62052-11) Protective Class II
	Insulation Level 4 kV rms @ 50Hz for 1 minute
	Overvoltage withstand
	Overvoltage withstand 440 Vac for 48 hours, 600 VDC for 1 minute
	Surge Immunity
	Voltage impulse withstand (Differential) Meets the requirements of IEC 62052-11
	Current impulse withstand According to: IEC 62052-11, SANS 61643-1 With external arrester Withstand rating 30 kA, 8/20µs Without external arrester Withstand rating 10 kA, 8/20µs
1.1.1.4.	Calendar Clock
	Normal operation Accuracy (at +23°C) + 0.2 s/day
	Reserve running Accuracy (at +23°C) <1 s/day (EN 62054-21 requirement for time switches: 1.0s)
	Operational Reserve With super-capacitor minimum 36 hours (RTC Synchronised by Data Concentrator)
1.1.1.5.	Rate of Use Output
	Optical Test output (Active or reactive) Type Visible Red LED Meter constant 1000 pulses/kWh 1000 pulses/kVAh
1.1.1.6.	Meter Faceplate Indications
	Meter Status Indication Type [Dual colour] Visible Yellow LED
	PLC Status Indication Type [Dual colour] Visible Green LED
	Meter Load Switch Indication Type LCD Icon
1.1.1.7.	Phase Connections
	Format Type Asymmetrical, 8 terminals
1.1.1.8.	Terminal Details
	Material of terminal Brass Type Terminal with two screws Diameter 9.5 mm

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	<p>Minimum conductor cross-section 4.0 mm² Maximum conductor cross-section 35.0 mm² For wires with small conductor cross-sections ($\leq 6 \text{ mm}^2$), the connecting line must be placed carefully in the middle of the terminal, so that it cannot move sideways when tightening the terminal screws. When tightening, ensure that the connecting line remains between the copper inside the terminal and the screw. Stranded wires must be fitted with ferrules.</p> <ul style="list-style-type: none"> - Type of screw: · Steel zinc-plated Pozidrive combi screws (default) - Screw dimensions M6 x 14 - Maximum screw head diameter $\leq 6.6 \text{ mm}$ - Cross-slot type Z, size 2 (ISO4757-1983) - Slot width 0.8 mm - Slot length min. 6 mm
1.1.1.9.	<p>Communication Interfaces</p> <p>Optical Communications Port</p> <p style="text-align: center;">According to IEC 62056-21</p>
	<p>G3-PLC Interface Frequency band CENELEC A OFDM G3-PLC with COSEM/DLMS communication protocol according to EN50065-1 supporting the following OSI Layers:</p> <ul style="list-style-type: none"> · ITU-T G.9903 physical layer for modulation, adaptive tone mapping and notching · MAC layer IEEE 802.15.4; time domain and collision management; CSMA/ARQ · 6LoWPAN adaptation sub layer Plug and Play network management to choose "Best Path" (Full Mesh Support) · IPv6 IETF RFC4291/4862 addressing and networking · DLMS application layer 62056-53 · COSEM application model: 62056-61 (OBIS) and 62056-62 (interface classes) Range: Typically >200m with G3-PLC repeater functionality
1.1.1.10.	<p>Load Switch</p> <p>Contact Data According to IEC 62055-31 for Utilisation Category UC3</p>
1.1.1.11.	<p>Inputs and Outputs</p> <p>Pulse Input Type S0 Terminals 30 (+) and 31 (-) According to IEC 62053-31 class A Configurable as pulse counter or alarm input</p> <p>Output Terminals 23 and 24 Type solid-state auxiliary load switch Nominal voltage 230 VAC/DC Maximum voltage 250 VAC/DC Maximum switching current 90 mA</p>
1.1.1.12.	<p>Meter Enclosure Material</p> <p>Material (Housing) Type: Polycarbonate, flame-retardant Resistance to spread of fire UL94-V0 rated @1.5mm. No toxic gases emitted: 'Green Material'</p> <p>Material (Terminal block) Type: Polycarbonate, flame-retardant, glass-filled Resistance to heat and fire - Complies with 960°C glow-wire (IEC 60695-2-1)</p>
1.1.1.13.	<p>Weights & Dimensions</p> <p>Dimensions Width/Height/Depth 172.0 / 198.8 / 76.6 mm</p> <p>Weight Including packaging approx. 1.5kg</p>
1.1.1.14.	<p>Sealing</p> <p>Type Meter enclosure Factory sealed Terminal Cover Utility sealing wires (2 points) Long and short (default) covers</p>
1.1.1.15.	<p>Specifications Compliance & Approvals</p> <p>IEC 62053-21, IEC62053-23, IEC62055-41 and IEC62055-51, dlms</p>

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1.1.6.	E650 SERIES 3 – ZXD400AT/CT METER (LANDIS OR EQUIVALENT AND COMPATIBLE)	
	 <p>E650 Series 3 – ZMD405 AT/CT (bulk metering)</p>	
1.1.6.1.	General	Measurement Accuracy
1.1.6.2.	Voltage	ZxD405xT
	Nominal voltage Un ZMD400xT	active energy, to IEC 62053-22 class 0.5 S
	3 x 58/100 V to 69/120 V	reactive energy, to IEC 62053-23 accuracy 1%
	3 x 110/190 V to 133/230 V	ZxD410xT
	3 x 220/380 V to 240/415 V	active energy, to IEC 62053-21 class 1
	extended operating voltage range 3 x 58/100 to 240/415 V	reactive energy, to IEC 62053-23 accuracy 1%
	Nominal Voltage Un ZFD400xT	Measurement Behaviour
	3 x 100 to 120 V	Starting current ZxD405xT
	3 x 220 to 240 V	according to IEC 0.1% In
	extended operating voltage range 3 x 100 to 415 V	typical 0.07% In
	Voltage range 80 to 115%	5 1 A as 1 A meter
1.1.6.3.	Frequency	Starting current ZxD410xT
	Nominal frequency fn 50 or 60 Hz	according to IEC 0.2% In
	tolerance ± 2%	typical 0.14% In
1.1.6.4.	IEC-specific Data	5 1 A as 1 A meter
1.1.6.5.	Current	The startup of the meter is controlled by the starting power and not by the starting current.
	Nominal Current In 1 A, 2 A, 5 A, 5 1 A	Starting power in M-circuit single phase
	Maximal Current Imax	nominal voltage x starting current
	metrological 1 A 2 A, 10 A	Starting power in F-circuit all phases
	metrological 2 A 4 A	nominal voltage x starting current x √3
	metrological 5 1 A 6 A	MID-specific Data
	metrological 5 A 200% In or 400% In	Current (for classes B and C)
	thermal 1 A, 2 A, 5 1 A 12 A	Rated current In 1.0 A, 2.0 A, 5.0 A
	thermal 5 A 12 A or 24 A	Minimum current Imin 0.01 A, 0.02 A, 0.05 A
	Short Circuit Current 0.5 s with 20 x Imax	Transitional current Itr 0.05, 0.1 A, 0.25 A
		Maximum current Imax 2.0 A, 4 A, 10.0 A or 20 A
1.1.6.6.	Measurement Accuracy to EN 50470-3	Fast transient burst test to IEC 61000-4-4
	ZxD400xT classes B and C	current and voltage circuits under load according to IEC 62053-21/23 4 kV
1.1.6.7.	Measurement Behaviour	auxiliary circuits > 40 V 2 kV
	Starting current Ist	Fast transient surge test to IEC 61000-4-5
	class B: Ist 0.002, 0.01 A	current and voltage circuits 4 kV

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	class C: Ist 0.001, 0.005 A	auxiliary circuits > 40 V 1 kV
1.1.6.8.	General	Insulation Strength
1.1.6.9.	Operating Behaviour	Insulation strength 4 kV at 50 Hz during 1 min.
	Voltage failure (Power Down)	Impulse voltage 1.2/50 μ s to IEC 62052-11
	bridging time 0.5 s	current and voltage circuits 8 kV
	data storage after another 0.2 s	auxiliary circuits 6 kV
	switch off after approx. 2.5 s	Protection class II to IEC 62052-11
	Voltage restoration (Power Up)	Calendar Clock
	function standby 3 phases after 2 s	Calendar type Gregorian or Persian (Jalaali)
	function standby 1 phase after 5 s	Accuracy < 5 ppm
	detection of energy direction and phase voltage	Backup time (power reserve)
	after 2 to 3 s	with supercap > 20 days
1.1.6.10.	Power Consumption	charging time for max. backup time 300 h
	Power consumption per phase in voltage circuit	with battery (optional) 10 years
	phase voltage 58 V 100 V 240 V	battery type CR-P2
	active power (typical) 0.4 W 0.5 W 0.7 W	Display
	apparent power (typical) 0.8 VA 1.0 VA 1.7 VA	Characteristics
	Power consumption per phase in current circuit	type LCD liquid crystal display
	phase current 1 A 5 A 10 A	digit size in value field 8 mm
	active power (typical) 5 mW 0.125 W 0.5 W	number of digits in value field up to 8
	apparent power (typical) 5 mVA 0.125 VA 0.5 VA	digit size in index field 6 mm
1.1.6.11.	Environmental Influences	number of digits in index field up to 8
	Temperature range to IEC 62052-11	Inputs and Outputs
	operation -25 °C to +70 °C	Control inputs
	storage -40 °C to +85 °C	control voltage US 100 to 240 VAC
	Temperature coefficient	input current < 2 mA ohmic at 230 VAC
	range -25 °C to +70 °C	Output contacts
	average value (typical) \pm 0.012% per K	type solid state relay
	at $\cos\phi=1$ (from 0.05 lb to lmax) \pm 0.02% per K	voltage 12 to 240 VAC/DC
	at $\cos\phi=0.5$ (from 0.1 lb to lmax) \pm 0.03% per K	max. current 100 mA
	Impermeability to IEC 60529 IP51	max. switching frequency (pulse length 20 ms) 25 Hz
1.1.6.12.	Electromagnetic Compatibility	Optical test outputs active and reactive energy
	Electrostatic discharges to IEC 61000-4-2	type red LED
	contact discharge 15 kV	number 2
	Electromagnetic RF fields to IEC 61000-4-3	meter constant selectable
	80 MHz to 2 GHz 10 and 30 V/m	
	Radio interference suppression according to IEC/CISPR 22 class B	
1.1.6.13.	Communication Interface	Suspension triangle
	Optical interface to IEC 62056-21	height (with extended hook) 230 mm
	type serial, asynchronous, half-duplex	height (suspension eyelet open) 206 mm
	max. transmission rate 9600 bps	height (suspension eyelet covered) 190 mm
	protocols IEC 62056-21 and dlms	width 150 mm
	Communication Units	Terminal cover
	Exchangeable communication units for various applications.	short no free space
1.1.6.14.	Additional Power Supply (optional)	standard 40 mm free space
	On Extension Board 045x	long (opaque, transparent) 60 mm free space
	nominal voltage range 100 to 240 VAC/DC	GSM 60 mm free space
	tolerance 80 to 115% Un	ZxB-type 80 mm 80 mm free space
	frequency 50 or 60 Hz	ZxB-type 110 mm 110 mm free space
	max. power consumption 6.8 W	RCR/FTY adapter

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	On Extension Board 046x	Material housing
	nominal voltage range 12 to 24 VDC	Polycarbonate, partly glass-fibre reinforced
	tolerance 80 to 115% Un	Connections
	max. power consumption 3.5 W	Phase connections
1.1.6.15.	Weight and Dimensions	type screw type terminals
	Weight approx. 1.5 kg	diameter 5.2 mm
	External dimensions	recommended conductor cross section 4 to 6 mm ²
	width 177 mm	screw head Pozidrive Combi No. 2
	height (with short terminal cover) 244 mm	screw dimensions M4 x 8
	height (with standard terminal cover) 281.5 mm	screw head diameter ≤ 5.8 mm
	height (with extended hook) 305.5 mm	tightening torque < 1.7 Nm
	depth 75 mm	Other connections type screwless spring-type terminal max. current of voltage outputs 1 A max. voltage of inputs 250 V
1.1.7.	<p>E65C CU-U52 – MODEM (LANDIS OR EQUIVALENT AND COMPATIBLE)</p>  <p>E65C CU-L52 MODEM – communication units</p>	
1.1.7.1.	Design	Functions
	Type GSM/UMTS RS485 Modem	Time window and time master functions
	CU-U52	SMS forwarding of alarm messages(only if fitted in meter)
	Supported communication protocols	Modem initialisation and data flow control Hardware watchdog
	- IEC 62056-21 and DLMS	Communication monitoring and logging
	- TCP/IP	GSM/UMTS module
	- IPT (according to DIN 43863)	Type Telit UE910-EUD
1.1.7.2.	Fitting	Frequency bands
	- Directly in meter (E650 ZxD300/400xT or E850 ZxQ)	- GSM/GPRS/EDGE 900 and 1800 MHz - UMTS/HSPA 900 and 2100 MHz
	- In CU adapter CU-ADP2 (for other meters)	Output power
1.1.7.3.	Features	- 2 W/class 4 at GSM/EGSM 900 MHz
	- EMC conformance for the combination of meter and modem for electrical metering equipment and industrial environments	- 1 W/class 1 at GSM/EGSM 1800 MHz - 0.5 W/class E2 at EDGE 900 MHz - 0.4 W/class E2 at EDGE 1800 MHz
	- Two independent channels for meter access	- 0.25 W/class 3 at UMTS 900/2100 MHz
	- Configuration without additional software tools other than .MAP Service Tool	SIM card
	- Configuration using only an optical head.	SIM 1.8/3 V exchangeable from outside
	- Remote updatable firmware for the microcontroller	RS485 interface

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1.1.7.4.	Power consumption	Characteristics
1.1.7.5.	Maximum active/apparent power 4.0 W/7.3 VA	Symmetrical, serial, asynchronous, bi-directional interface (master or slave depending on parameterisation)
1.1.7.6.	GSM/UMTS Modem	Standard ISO-8482
1.1.7.7.	Operating modes GSM or UMTS	Maximum number of slaves 31
1.1.7.8.	Standards and approvals	Maximum transmission rate 57,600 bps
	Complies with the essential requirements of the 1995/5/EC directive (R&TTE) R&TTE Article 3.2	Maximum line length - Up to 250 m at max. 57,600 bps, max. 31 Slaves
	- ETSI EN 301 511 v9.0.2 - ETSI EN 301 908-1 v5.2.1 - ETSI EN 301 908-2 v5.2.1 R&TTE Article 3.1b	- Up to 550 m at max. 38,400 bps, max. 31 Slaves - Up to 1000 m at max. 19,200 bps, max. 15 Slaves
	- ETSI EN 301 489-1 v1.9.2 - ETSI EN 301 489-7 v1.3.1 - ETSI EN 301 489-24 v1.5.1	LED displays LEDs RX and TX Indication of data flow and field strength level
	Health R&TTE Article 3.1a	LED CON
	- EC 62311:2008	Indication of connection status
	Safety IEC EN 62052-11:2003 (Electricity Metering Equipment)	LED MODE Indication of operating mode (GSM, GPRS, UMTS)
	- 3GPP Release 7 Compliant	
	- GPRS class 10 (maximum)	
	- EGPRS class 33 (maximum)	
	- WCDMA up to 384 kbps down/uplink	
	- HSPA category 8 downlink/category 6 uplink	

1.1.8.

SG101 IS AN INDUSTRIAL GPRS/EDGE/3G MODEM (LANDIS OR COMPATIBLE)




SG101 is an industrial GPRS/EDGE/3G modem for Landis+Gyr for E460S single phase Din Rail Meter (LANDIS OR EQUIVALENT AND COMPATIBLE)

Item Description		
1.1.8.1.	Communication	Communication network GSM/GPRS/EDGE/3G. Automatically connect to fastest network. Dual SIM's for network redundancy (built-option) High sensitivity GPS 1.575 GHz with internal and external antenna (built-option)
	Security	CHIP SIM for theft prevention or Plastic micro SIM 1.8V/3.3V. (built-option) Multiple security levels and firewall preventing unauthorized access.
	Protocol	Transparent serial ports for pass through XML and SMS to Device Management Software Application DNP3.0 Level 2 to SCADA (built-option) Additional protocols can be implemented on request.
1.1.8.2.	Visual indications	
	Communication network	Tri-color (Red/Yellow/Green) GSM signal strength, network activity, TCP link status, TX/RX of IP connection, GPS activity and lock
	External communication	RS232/RS485 TX/RX per port indication

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	Device health	Power supply health, battery status, inputs/outputs status
1.1.8.3.	External interfaces	
	Communication network	GSM/GPRS/3G antenna connector SMA GPS antenna connector MMCX (built-option)
	External communication	1 x RS232 full port TX, RX, CTS, RTS, DCD, GND 1 x RS232 TX, RX, GND 1 x RS485 2-wire A/B Industry standard IEC 62056-21 optical serial port for local configuration
	Discreet inputs/outputs	2 x Digital Inputs 2 x Digital Outputs
1.1.8.4.	Power and Mechanical	
	Power source	Powered from the application e.g. meter auxiliary supply of 12Vdc, 300mA External DC voltage supply of 6Vdc to 32Vdc 85Vac-264Vac DIN Rail Power supply (built-option)
	Power backup capacity	Rechargeable battery with 2-3 hours full communication capacity (built-option) 5 days in low power mode, monitoring inputs with periodic health check 10 years in low power mode with external battery pack (built-option)
	Wiring interface	Screw terminals for DIO and power, RJ45 for Serial port
	Dimensions	Height: 101.4mm, Depth: 18-22mm, Width: 64mm
	Housing	Polycarbonate certified for the specified operating environment IP51 against water and dust.
	Mounting	DIN rail, back or side mount 2 x screw holes for panel mount
1.1.8.5.	Environmental	
	. Temperature ranges	Operating: - 25oC to +65oC ambient, Storage: - 40oC to +85oC
	Humidity range	0 % to 95 % non-condensing
1.1.8.6.	Certification	
	Protocol	DNP3.0 certified stack tested to Subset Level 2 (Firmware-option)
	EMC	ETSI EN 301 489-1 : EMC and Radio spectrum Matters (ERM) EN 55022/SANS 222/CISPR22 : Radiated Emission SANS/IEC 61000-4-2 : Electrostatic discharge immunity SANS/IEC 61000-4-3 : Radiated immunity SANS/IEC 61000-4-6 : Immunity to conducted disturbances
	Regulatory	ICASA, MTN, Vodacom
	Quality System	ISO9001:2008 Design and production facility

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1.1.9.	<p>COVERT GSM MULTIBAND OMNI-DIRECTIONAL ANTENNA (824-960MHZ AND 1710-2200MHZ) (LANDIS OR EQUIVALENT AND COMPATIBLE)</p> <div style="text-align: center;">  </div> <p>Covert GSM Multiband Omni-directional Antenna 824-960MHz and 1710-2200MHz</p>
1.1.9.1.	ELECTRICAL:
	Frequency in MHz: 824-960 & 1710-2200
	Gain (Max): 2 dBi
	VSWR: < 2.5:1
	Feed Power Handling: 10 W E-Plane 3 dB Beamwidth: 40° (± 5°)
	H-Plane 3 dB Beamwidth: 360°
	Front to Back: —
	Nominal Input Impedance: 50 Ohm Polarisation: Linear (Vertical)
1.1.9.2.	MECHANICAL:
	Dimensions (L x W x D): 16 cm x 2,5 cm x 1 cm
	Packaged Weight: Weight: 15 g
1.1.9.3.	ENVIRONMENTAL:
	Wind Survival: 160 km/h
	Temperature Range (Operating): - 10° C to +50° C
	Thermal Shock: - 10° C to +50° C : 10 cycles
1.1.9.4.	INCLUDED WITH PRODUCT:
	Mounting Bracket: —
	Cable Length: 2M RG174 cable
	Connector: MMCX (m)

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1.1.10.	<p>THE SG106; INDUSTRIAL GPRS/EDGE/3G MODEM FOR LANDIS+GYR E460S (LANDIS OR EQUIVALENT AND COMPATIBLE)</p>  <p>The SG106; industrial GPRS/EDGE/3G modem for Landis+Gyr E460S single phase meter with BS terminal configuration. (or compatible)</p>
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TECHNICAL SPECIFICATIONS		Description
1.1.10.1.	Communication	
	Communication network	GSM/GPRS/EDGE/3G. Automatically connect to fastest network. Dual SIM's for network redundancy High sensitivity GPS 1.575 GHz with internal and external antenna (built-option)
	Security	CHIP SIMs for theft prevention and/or Plastic nano SIMs 1.8V/3.3V. Multiple security levels and firewall preventing unauthorized access.
	Protocol	Transparent serial ports for pass through MQTT and SMS to Device Management Software Application of mobile phone Additional protocols can be implemented on request.
1.1.10.2.	Visual indications	
	Communication network	Tri-color (Red/Yellow/Green) GSM signal strength, network activity, TCP link status, TX/RX of IP connection.
	External communication	RS485 TX/RX indication
1.1.10.3.	External interfaces	
	Communication network	GSM/GPRS/3G antenna connector SMA
	External communication	1 x RS485 serial port 2-wire A/B up to 32 E460 meters can be connected
1.1.10.4.	Power and Mechanical	
	Power source	Powered directly from the meter supply of 85Vac-265Vac
	Wiring interface	RJ12 connector for Serial port
	Dimensions	Height: 64mm, Depth: 55mm, Width: 120mm
	Housing	Polycarbonate certified for the specified operating environment. IP54 against water and dust.
	Mounting	2 x screw holes for mounting inside the meter terminal cover
1.1.10.5.	Environmental	
	Temperature ranges	Operating: - 25°C to +70°C ambient, Storage: - 40°C to +85°C
	Humidity range	0 % to 95 % non-condensing
1.1.10.6.	Certification	
	EMC and Environmental	ETSI EN 301 489-1 : EMC and Radio spectrum Matters (ERM) EN 55022/SANS 222/CISPR22 : Radiated Emission SANS/IEC 61000-4-2 : Electrostatic discharge immunity SANS/IEC 61000-4-3 : Radiated immunity SANS/IEC 61000-4-6 : Immunity to conducted disturbances SANS/IEC 60068-2: Environmental test. Temperature cycling, shock, vibration. SANS/IEC 60529: Ingress Protection
	Regulatory	ICASA, MTN, Vodacom
	Quality System	ISO9001:2008 Design and production facility

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1.2.	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (Ontec or equivalent and compatible)	
1.2.1.	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (ONTEC OR EQUIVALENT AND COMPATIBLE)	
	Description	Specification
	Rated Voltage	4. It
	Frequency	50/60 Hz
	Base Current	5 Amp
	Maximum Current	100 Amp
	Continuous Supply Voltage	Maximum: 265 Volt
		Minimum: 120 Volt
	Maximum Withstand Voltage	440 Volt
	Power Consumption	Power consumption: The meter (MCU and CIU combined) shall have a power consumption burden of no more than 2W, 10VA.
	Rate Indicator	1000 pulses/kWh
	Status Indication	Contactors Status
		Comms Status
		Rate Indicator LED's
	Installation	35mm DIN-Rail Mounting
	Disconnection Device	100 A single pole bi-stable latch
	Terminal Wiring	Top connection supply (LN), bottom connection load (L)
	IP Rating	IP51
	Communication (CIU)	PLC – 120m range
		It shall be possible to co-locate no less than 30 MCU's without causing interference or degrading the communication between MCU's and CIU's. It shall not be acceptable to install additional external equipment or filters to ensure reliable communication.
		The preferred MCU/CIU communication technology shall be based on the latest multi carrier technology such as OFDM. Single or dual carrier technologies are not acceptable.
	Operating Mode	Prepayment mode – fully STS compliant
1.2.2.	ACE 9000 PLC CIU STANDARD, COMMON BASE KEYPAD (ONTEC OR EQUIVALENT AND COMPATIBLE)	
	PLC CIU Keypad (TYPE PLC)	
		
1.2.2.1.	Battery type	2 x Alkaline
	Typical battery life	More than 3 years, based on normal operating conditions

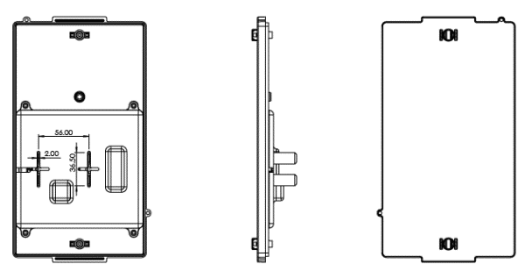
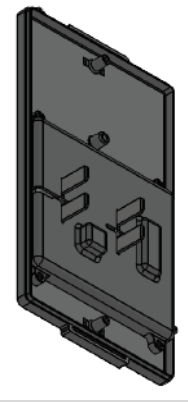

Signature		Name (print)	
Capacity		Date	
Name of firm			

	Connection mode (Phase, wires)	1 Phase, 2 wire,
	Insulation protection class	Class II
1.2.2.2.	Voltage ratings	
	Nominal voltage (-20% +15%)	230 V AC
	Supply frequency (±5%)	50 Hz
	Nominal power consumption	2 W / 10 VA
	Limit range of operation	1.8 times the normal voltage for 48 hours
	Withstand range of operation	1.9 times the nominal voltage for 48 hours
1.2.2.3.	Status indicators	Rate LED (1 000 imp/kWh)
1.2.2.4.	Current ratings	
	Current Consumption	120mA
1.2.2.5.	Displayed Information	
	Previously entered STS tokens	Token accept / reject
	Available credit	Meter status register
	Low credit warning	Consumption data
	Status of consumer's AC supply	Zero credit
		Overload conditions
1.2.2.6.	Display	
	Number of digits:	7 major / 3 minor
	Type:	Liquid crystal display
1.2.2.7.	Keypad	
	Columns x rows:	3 x 4 – standard telephone layout
	Key press feedback:	tactile / silicon rubber keys
	Accessibility:	visually impaired friendly – braille texture on key 5 Must support 1 000 000 key presses
	Audible feedback	(Optional) Key presses Token acceptance / rejection Low credit warning
1.2.2.8.	Environmental	
	Operating temperature	-10°C to +55°C
	Storage temperature	-25°C to +70°C
	Humidity	95% non-condensing
	IP rating	IP52
1.2.2.9.	Insulation protection class	Class II
1.2.2.10.	Installation	
	Footprint	Wall mounted or loose
	Insulation class	Double insulation
1.2.2.11.	Communication	
	Protocol	PLC Application layer – specification 01-0117-6001 with 128 bit XXTEA CIU to MCU pairing Mac layer –G3-PLC MAC (IEEE 802.15.4) Physical layer - G3-PLC PHY (CENELEC A) Orthogonal Frequency-Division Multiplexing (OFDM) modulation
	Token accept / reject	
	Available credit	
	Meter status register	
	Low credit warning	
	Variety of consumption data	
1.2.2.12.	Display	
	Number of digits	
	Type	
	Minimum character size	
	Rate enunciation	Pictorial enunciation using a bar graph or equivalent or a flashing icon depicting the rate of consumption
1.2.2.13.	Interface	
	Keypad	12-key, international standard layout including “information” and “backspace” keys, telephone type configuration with four rows and 3 columns
	Audible feedback	Key presses Token acceptance / rejection

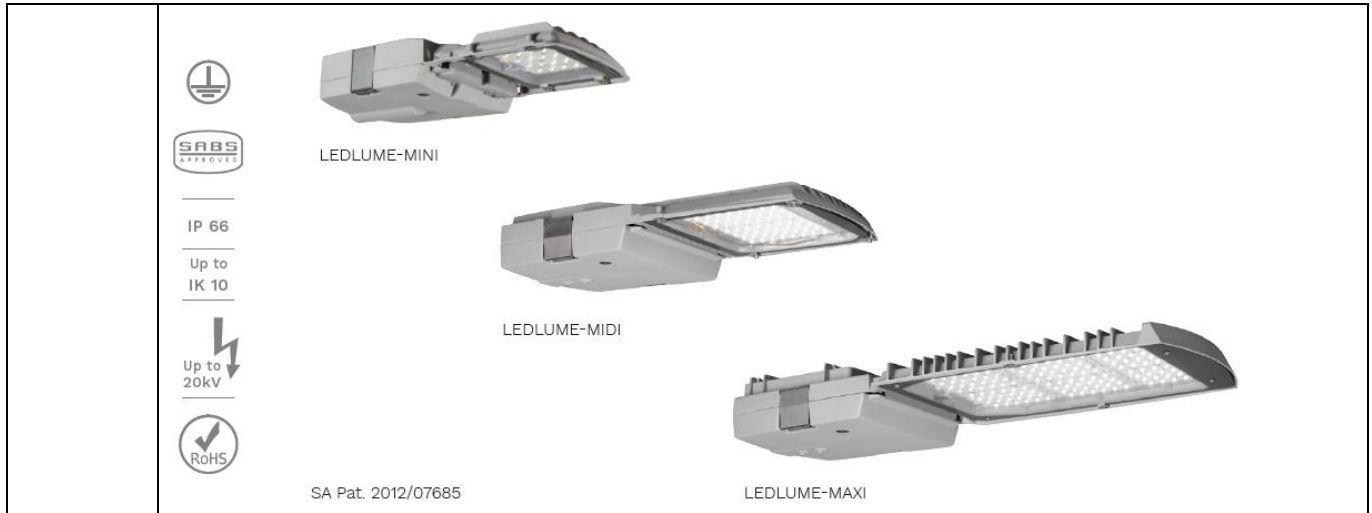
Signature		Name (print)	
Capacity		Date	
Name of firm			

		Low credit warning	
1.2.2.14.	Installation		
	Footprint	Common wall base	
	Insulation class	Double insulation	
	Environmental	ED	ECU
	IP Rating	IP 55	IP 51
1.2.2.15.	Standards	IEC 61000-4-2, ISO 14001, IEC 61000-4-3, ISO 9001, IEC 61000-4-4, OHSAS 18001, IEC 61000-4-5, CISPR 22, IEC 60950-1, SANS 767-1 (ECU version), SANS 300 220-1 / ETSI EN300 220-1	
1.2.3.	ACE 9000 PLC CIU STAND-ALONE, KEYPAD (ONTEC OR COMPATIBLE)		
1.2.3.1.	User Interface	12 Digit keypad with audio feedback	
1.2.3.2.	User Display	8 Digit LCD with language independent icons	
1.2.3.3.	Consumption Display	Optional LED	
1.2.3.4.	Communication Circuitry	Cenelec A compliant PLC or Equivalent	
		The CIU shall implement a dynamic communication algorithm to minimize the interference from adjacent meters.	
1.2.3.5.	IP Rating	IP51	
1.2.3.6.	Installation Type	Standard Base plug in mount	

Signature		Name (print)	
Capacity		Date	
Name of firm			

1.3.	OTHER METERS	
1.3.1.	Blanking plates for Common base bases  	
2.	METER SEALS & TEST BLOCKS	
2.1.	Meter Seals	
	Colours	SP1-Yel Quick Seal Yellow, red, blue
		
2.2.	METERING TEST BLOCK, FRONT CONNECTED 13WAY HTB001	
2.3.	METERING TEST BLOCK, REAR CONNECTED	
3.	LIGHT FITTINGS AND ACCESSORIES	
3.1.	LIGHT FITTINGS AND ACCESSORIES	
3.1.1.	LED STREET LIGHTS TECHNICAL REQUIREMENTS OF LIGHT EMITTING DIODE (LED) STREETLIGHT AND FLOODLIGHT LUMINAIRES High wattage streetlight luminaire designed for lighting of group 'A' roads where efficiency, excellent optical control and ease of maintenance is required. This section 3 will be evaluated and awarded as one item THE LED LUMINAIRE SHALL BE DESIGNED TO MEET THE LIGHTING CRITERIA FOR GROUP 'A' ROADS. THE LUMINAIRE SHALL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:	

Signature		Name (print)	
Capacity		Date	
Name of firm			



Beka LED Lume Mini	16 LED 37W	235x450x88mm
Beka LED Lume Maxi	96 LED 148W	386x835x120mm
Beka LED Lume Maxi	128LED 276W	386x835x120mm

The following standards contain provisions which, through reference in this text, constitute requirements of this specification. At the time of publication, the editions indicated were valid.

IEC 60598-1	Luminaires - Part 1: General requirements and tests
IEC 60598-2-3	Luminaires - Part 2: Particular requirements - Section 3: Luminaires for road and street lighting
ISO 4762	Hexagon socket head cap screws
SANS 529	Heat-resisting wiring cables
SANS 121	Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods.
SANS 1088	Luminaire entries and spigots
SANS 60529	Degrees of protection provided by enclosures (IP Code)
SANS 1507	Electric cables with extruded solid dielectric insulation for fixed installations (300/500V to 1 900/3 300V) Part 3: PVC Distribution cables
SANS 1574	Electric flexible cores, cords and cables with solid extruded dielectric insulation Part 3: PVC-insulated cores and cables
SANS ARP 035:2014	Guidelines for the installation and maintenance of street lighting
SANS 61000-3-2	Electromagnetic compatibility (EMC) Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
OHSACT (Act 85 of 1993)	Occupational Health and Safety Act and Regulations

3.1.1.2.	General
	The luminaires shall be Class 1 of IEC 60598-1 and be of the totally enclosed type. Luminaires shall be delivered completely assembled with housing, driver, LED module and protector lens.
	The luminaire output shall be provided as nominal flux at Tq of 35 °C.
	The colour temperature of the luminaires shall be neutral white, 4000K and a colour rendering index of 70 (minimum).
	The luminaires shall deliver 90% of the initial lumens, when installed for a minimum of 80 000 hours. The bidder shall provide a lumen depreciation graph by means of the IES LM 80-08 data of the LEDs. The LED light source test data shall provide the expected data for at least 25% of rated LED light source lifetime, i.e. 15 000 hours.
	The following information and conditions shall be met: <ul style="list-style-type: none"> • The LED light source(s) have been tested according to LM-80-08. • The LED drive current specified by the luminaire manufacturer is less than or equal to the drive current specified in the LM-80 test report. • The LED light source(s) manufacturer shall indicate a temperature measurement point (Ts) on the light source(s).

Signature		Name (print)	
Capacity		Date	
Name of firm			



	<ul style="list-style-type: none"> The Ts is accessible to allow temporary attachment of a thermocouple for measurement of in-situ temperature. Access via a temporary hole in the housing, tightly resealed during testing with a flexible sealant is allowable. For the hottest LED light source in the luminaire, the temperature measured at the Ts is less than or equal to the temperature specified in the LM-80 test report for the corresponding drive current
	The LED module or array shall be designed in such a manner that the failure of one LED shall not cause additional LED's to switch-off. Documentary evidence of this shall be submitted
	Temperature sensors shall be fitted as protection devices to the luminaire, placed directly next to the LEDs. These shall not switch off the luminaire completely. Full details of how the luminaire manages its temperature, through the use of sensors and the effect on lumen maintenance, shall be supplied.
	The entire assembly and testing of the complete LED luminaire shall be undertaken within an ISO 9001 certified factory, within South Africa to ensure technical backup and service locally.
3.1.1.3.	IP Rating
	The luminaires shall have minimum rating of IP 66 in accordance with SANS 60529 for both the driver and LED module compartments, when normally mounted as per SANS 475.
3.1.1.4.	Construction of Luminaires
	Luminaires shall be suitable for operation at an ambient temperature, Ta, of 35 ^o C. Fixing devices, junctions, lips and the like shall be designed to shed water. Pockets and ledges in which condensation may accumulate shall be avoided.
	The luminaires shall contain a heat sink with no fans, pumps or liquids, and the design thereof on the external surfaces shall prevent the accumulation of dirt and nesting of insects or ants, thus ensuring continuous effective cooling. Heat from the LED source should take the shortest path to the exterior by direct conduction or any other reliable form of cooling that will not compromise the useful life of the LEDs.
	The luminaires shall have aluminium housings of grade EN1706 AC-44300 (or higher) aluminium alloy. This shall be substantiated by an independent metallurgical report confirming the grade of aluminium for the luminaires offered
	Luminaires shall be supplied in raw aluminium and shall not be powder coated.
	Ferrous components shall be hot-dip galvanised and shall withstand the test specified in the current edition of SANS 121 for heavy duty application.
	External small components (such as toggle clips, bolts, screws, nuts, washers) shall be stainless steel (grade 304 or better).
	Due attention shall be paid to the accessibility of parts and to other requirements necessary for efficient maintenance and cleaning, where required. If screws are used to secure covers, they shall be held captive when opened.
	The upgrading and/or service of the LED unit and the driver/power supply shall be possible without removing the whole luminaire but by means of replacing only the optical/gear compartment by means of a hinging mechanism.
	Various items/components such as the aluminium housings, printed circuit boards (PCB's), glass protectors, silicon gaskets and stainless steel latches/clips shall be manufactured (not simply assembled) in South Africa.
3.1.1.5.	Mounting
	Spigot entries shall be designed to fit easily over the bracket pipe and shall be truly parallel to the fitting axis and shall comply with Table 1 of SANS 1088:1990
	Attachment of the luminaire base casting to its bracket arm should be by means of at least two stainless steel M8 grub screws into stainless steel sockets or any other methods to prevent cathodic corrosion between stainless steel and aluminium. The attachment of the luminaire should be designed to withstand wind speeds of up to 150 km/hour on the projected surface of the luminaire, without due deflection
3.1.1.6.	Optics
	The luminaire shall be able to be equipped with a variety of lenses, providing the desired light distribution, ensuring a great diversity of light distributions for different applications. A minimum of 15 different optic distributions shall be available for flexibility of lighting designs, ensuring compliance to lighting requirements per application
	Luminaires should be photometered according to the C-Gamma system as detailed in CIE Publication No. 27. For LED luminaires with non-replaceable LED modules, the intensity values shall be given in candela. The results should be published in an intensity distribution table, indicating the intensity in cd/klm at each horizontal and vertical angle. This intensity distribution table should be converted by an accredited test facility and/or luminaire supplier into a suitable electronic format for use with any of the commercially available lighting computer programs.
3.1.1.7.	Protector
	The protector shall be high-impact, toughened, clear flat glass
	The protector shall form a seal completely preventing the entry of moisture, dust and insects into the lamp housing. A one-piece gasket, made of silicon sponge material, shall be fitted into a groove in the housing and shall be seated in a manner ensuring the integrity of the IP66 rating and shall not work loose during maintenance of the luminaire
3.1.1.8.	Power Supply or Driver Requirements
	LED module(s) drivers shall be housed fully within the sealed body of the luminaire
	The output frequency of the drivers shall be 100 Hz or greater, to avoid visible flicker. The harmonic distortion levels of the LED module driver(s) shall comply with the limits as stipulated in SANS 61000-3-2.

Signature		Name (print)	
Capacity		Date	
Name of firm			



	The LED module driver(s) shall operate at a power factor of 0, 95 or greater, and the harmonic distortion levels shall be limited so as to not cause interference on the electrical network																								
	The power supply or driver compartment shall be sealed in the same manner as described in items 2.5.2 and 2.5.3.																								
	The power supply or driver compartment shall be so designed that there is sufficient space to permit replacement of components or repairs and reassembly without difficulty and without the removal of the luminaire from its mounting.																								
	The power supply or driver shall be able to withstand surges of up to 10kV/10kA by means of an external inline fused surge protection device mounted inside the gear compartment. This surge protection shall be easily replaceable.																								
	The power supply or driver should incorporate a thermal switch to prevent exceeding the case temperature for maximum life time of equipment.																								
	The lifetime of the power supply or driver shall be 100 000hrs with 90% survival over the lifetime																								
3.1.1.9.	Earthing																								
	The luminaire shall be earthed in accordance with Clause 13 of the Electrical Machinery Regulations of the OHSACT (Act 85 of 1993).																								
	Metal parts of luminaires which may become alive in the event of insulation fault and which are not accessible when the luminaire is mounted, but liable to come into contact with the supporting surface, shall be permanently and reliably connected to an earthing terminal and shall withstand the test specified in IEC 60598-2-3.																								
	Earthing terminals shall comply with sub-clause 7.2 of IEC 60598-1. All parts of an earth terminal shall be made of brass or other corrosion resistant metal and the contact surfaces shall be bare metal and not painted or varnished surfaces.																								
	Earth connections shall be effected by means of suitable lugs in a manner avoiding all possibility of electrolytic corrosion																								
3.1.1.10.	Wiring																								
	The internal wiring of the luminaires shall be flexible and suitably insulated to withstand the voltage and the temperature encountered in service.																								
	Wiring to the LED module compartment shall be suitably grommited , ensuring a perfect seal between compartments																								
	The supply terminals shall accept 4mm ² wires and be easily accessible. No part of the cover shall damage the supply wires when closed.																								
3.1.1.11.	Guarantee																								
	All luminaires offered shall have a minimum guarantee period of five years																								
	The scope of this guarantee includes the LED module drivers, luminaire housing, LED module(s), brackets and protector																								
	If luminaires are found to have failed within this period as a result of poor manufacturing processes and/or poor materials it shall be replaced free of charge by the manufacturer.																								
3.1.1.12.	The LED driver sizes for the following LED packages shall be: The Streetlight Luminaire offering shall be:																								
	<table border="1"> <thead> <tr> <th>Item Nr</th> <th>Wattage</th> <th>Lumens</th> <th>Colour Rendering</th> <th>Colour Temp.</th> <th>Replacement Details</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>37W</td> <td>5157</td> <td>> Ra70</td> <td>4 000K</td> <td>Replaces 125W MV/70W HPS</td> </tr> <tr> <td>2</td> <td>148W</td> <td>23126</td> <td>> Ra70</td> <td>4 000K</td> <td>Replaces 250/400W HPS</td> </tr> <tr> <td>3</td> <td>276W</td> <td>40078</td> <td>> Ra70</td> <td>4 000K</td> <td>Replaces 400W HPS</td> </tr> </tbody> </table>	Item Nr	Wattage	Lumens	Colour Rendering	Colour Temp.	Replacement Details	1	37W	5157	> Ra70	4 000K	Replaces 125W MV/70W HPS	2	148W	23126	> Ra70	4 000K	Replaces 250/400W HPS	3	276W	40078	> Ra70	4 000K	Replaces 400W HPS
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3.2.	ROPE LIGHTS AND ACCESSORIES																								
	FESTIVE ROPE LIGHTS 2 & 3 WIRE AND CONTROLLERS & ACCESSORIES (This section 3.2 will) be evaluated and awarded as one item)																								
a.	ROPE LIGHT – TWO WIRE ROPE LIGHT																								
	No of wires 2 core																								
	Diameter 13mm round																								
	1 x 50m roll																								
	Voltage – 220/240 volt																								
	Cutting line 1 meter																								
	Maximum loading 100 m																								
	Bulb specification 6.5 volt-0.07 amp-0.46 watt																								
	Number of bulbs / unit 36 per meter																								

Signature		Name (print)	
Capacity		Date	
Name of firm			



	Power consumption 16.56 watts per meter	
b.	THREE WIRE ROPE LIGHT	
	No of wires 3 core	
	Diameter 13mm round	
	Length per roll 50 meter	
	Voltage 220 / 240 volt	
	Cutting line 2 meter unit	
	Maximum loading 100m	
	Bulb specification 6.5 volt-0.06 amp-0.39 watt	
	Number of bulbs per unit 72 per meter	
	Power consumption 28.8 watt per meter	
c.	COLOURS AS PER REQUIREMENT	
	STANDARD COLOURS	Clear, Red, Yellow, Blue, Green, Aqua Blue, Hellfire, Dark Grey, Sakura Pink, Orange, Purple, Fluorescent Green, Fluorescent Orange, Fluorescent Pink
	PEARL COLOURS	White (pearl), Red, Yellow, Blue, Green (Sea), Orange, Pink
	MULTI COLOUR	Red, Green, Blue
d.	CONTROLLERS	
	W5C 6 Function Heavy Duty Controllers Loading length 100 m - 220/240 volt - 15 amp (or compatible)	
	Function settings	
	Static	
	FW Chasing	
	Flashing	
	Fading	
	Scanning Automatic Cycling	
	Sound/ Activated Chasing/Automatic Cycling	
	W310 – 13m X 3 Wire – 12 Meter Loading Length Mini Controllers 2 channel chasing movement Fast or slow moving setting 1.2 AMP (or compatible)	
3.3.	FLEXI LIGHT ACCESSORIES	
3.3.1.	M1&M2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR MINI FLEXILIGHT. W/2 PINS- ROUND PLUG (or compatible)	
3.3.2.	F1&F2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR INSTANT FLEXILIGHT. W/2 PINS- ROUND PLUG(or compatible)	
3.3.3.	C1&C2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR CHASING FLEXILIGHT, W/2-PINS ROUND PLUG(or compatible)	
3.3.4.	M2 - POWER CONNECTOR MINI FLEXILIGHT(or compatible)	
3.3.5.	F2 - POWER CONNECTOR FOR INSTANT FLEXILIGHT(or compatible)	
3.3.6.	C2 - POWER CONNECTOR FOR CHASING FLEXILIGHT(or compatible)	
3.3.7.	M3 - SPLICE CONNECTOR FOR MINI FLEXILIGHT(or compatible)	
3.3.8.	F3 - SPLICE CONNECTOR FOR INSTANT FLEXILIGHT(or compatible)	
3.3.9.	C3 - SPLICE CONNECTOR FOR CHASING FLEXILIGHT(or compatible)	
3.3.10.	M4 - END CAP FOR MINI FLEXILIGHT (100PCS = 1 PKT) (or compatible)	
3.3.11.	F4 - END CAP FOR INSTANT FLEXILIGHT (100PCS = 1 PKT) (or compatible)	
3.3.12.	C4 END CAP FOR CHASING FLEXILIGHT (100PCS = 1PKT) (or compatible)	
3.3.13.	M9 - EASY SPLICE CONNECTOR FOR MINI FLEXILIGHT(or compatible)	
3.3.14.	F9 - EASY SPLICE CONNECTOR FOR INSTANT FLEXILIGHT(or compatible)	
3.3.15.	C9 - EASY SPLICE CONNECTOR FOR CHASING FLEXILIGHT(or compatible)	
4.	PAINT FOR MINIATURE SUBSTATIONS	
	Plascon Synlac industrial enamel 5000 series product code: sl 5000 series (or Equivalent approved)	
4.1.	A SAMPLE OF THE PROPOSED PRODUCT WILL BE TESTED IN THE TECHNICAL EVALUATION PHASE BEFORE AWARD. A 1 (ONE) LITER SAMPLE MUST BE SUBMITTED WITH THE BID. TEST WILL BE FOR COLOUR MATCH & APPLICATION	
4.1.1.	Product Description	Mark with X to confirm compliance or not Complies

Signature		Name (print)	
Capacity		Date	
Name of firm			

	Premium quality, high gloss air drying industrial enamels		YES	NO
4.1.2.	Colour	Avocado green		
4.1.3.	Intended Uses	Ideal for transformers, May be over coated by itself or other alkyd based coatings.		
4.1.4.	Features	High gloss Good exterior durability Very good coverage		
4.1.5.	Product Information	Appearance	Gloss	
		Tinting	TINT BASE (SLB 5000) or compatible	
		Generic type	Modified alkyd	
		Solvent type	Aromatic and aliphatic hydrocarbon solvents	
		Solids	Approx. 47 % by mass; 30 % by volume	
		S G at 23°C	1,01 kg/l (typical) depending on colour	
		Recommended DFT	Min.: 30 µm Max.: 50 µm	
		Theoretical spreading rate	7,5 m ² /l at 40 µm DFT	
		Supply viscosity at 23 °C	62 – 65 KU (typical) – varies with addition of colorants	
	Flash point	23°C		
4.1.6.	Drying time	Touch dry	30 Mins. at 23 °C	
		Recoating	2 h at 23 °C	
		Dry to handle	6 h at 23 °C	
4.1.7.	Application Environment	Surface Temperature	Ambient Temperature	Relative Humidity
		Min.: 10 °C	Min.: 10 °C	Min: 10%
		or 2 °C min. above dew point		
		Max.: 40 °C	Max.: 35 °C	Max.: 85 %
4.1.8.	Packaging 1L, 5L, 25L			
5.	TERMINATIONS AND JOINTS (CAST IRON JOINTS)			
	The resin filled joint kit shall comprise a self-sealing plastic mould of high mechanical strength having sufficient connector space.			
	The exact amount of cold hardening resin shall be provided in a two-compartment plastic bag			
	The resin shall have absolute minimum shrinkage			
	The mould and resin shall be completely waterproof and non-hygroscopic and shall be resistant to ultraviolet radiation			
	Joint kits shall be of "SCOTCHCAST", "CELLPACK" or Equivalent			
6.	STRIKER PIN FUSES			
	<ul style="list-style-type: none"> Fuse links utilized with the ring main units and compact switchgear shall be 12 kV current-limiting HRC striker pin fuses complying with SANS 60282-1 Type I. Fuse-link enclosures shall comply with the requirements of SANS 1874. Full details of recommended fuse types shall be provided with the tender, including all full technical characteristics and tolerances for striker pin energy class and travel. 			
7.	LUGS & FERRULES			
8.	INSULATORS			
8.1.	Silicone Insulator 7 Disc and 8 Disc			
9.	GENERAL B			
9.1.	AIRDAC SUSPENSION PLATE			
9.2.	Contactors: 230V 50/60HZ Magnetic (RAB-35T10) or Compatible			
9.3.	ELECTRO FLASHER UNIT Model R1F 230V ("Omron" or Equivalent and Compatible)			
9.4.	Gansbaai Armoured Gland, Shrouds Included (Pratley Or Equivalent)			

Signature		Name (print)	
Capacity		Date	
Name of firm			



	<ul style="list-style-type: none"> No 1 Adjustable Gland minus the price of the cone and minus the price of the Nipple. Add the price of a No 1L Compression Conversion Kit. Add the price of a 20mm Extended Nipple. The Gland is called "The No 1 Gansbaai (A) Gland No 1 Adjustable Gland minus the price of the cone. Add the price of a No 1L Compression Conversion Kit. Complete with a Size 1 Shroud. The Gland is called "The No 1 Gansbaai (B) Gland 	
9.5.	MOMAR MIRACLE TOOL SPRAY	
	Multi-Purpose Penetrant, Lubricant, Corrosion Retardant Aerosol	
	Displaces water - removes moisture on contact and provides a long-term anti-corrosion seal	
	Eliminates squeaks - lubricates metal-on-metal moving parts	
	Non-conductive - Dielectric strength of >45,000 volts	
	Loosens frozen parts - penetrates rust, corrosion, and oxidation	
	Protects metal - seals out salt, rust, moisture and dirt	
	Prevents corrosion - long-lasting lubricant resists water	
	Density @ 25degrees c (ASTM-D-287)	0900 g/ml
	Colour	Light Amber
	Appearance	Clear
	Odour	Petroleum dour
	Health/flammability/reactivity	2/2/0
	Personal safety	B – Safety Glasses
	Container	500ml Can
9.6.	OIL CAP	
	Chemical characterization	
	Description: Aqueous silicates in solution and additives	
	Dangerous components: CAS NO Designation % Index R-phrases	
	1344-09-8 Sodium silicate 20-30 None	
	Form: liquid Colour: colourless Odour: weak	
	Boiling point: 100°C Flash point: not applicable Ignition. temp.: not applicable	
	Critical values for explosion:	
	Lower: not applicable Upper: not applicable	
	Vapour pressure at 20 °C: not applicable	
	Solubility in water: 100 %	
	Density: 1,2-1,3 g/m3	
	in other: pH: 11.3 – 11.7 (conc.)	
9.7.	OIL SPILL KITS	
	One man oils spill kit (Small)	
	THE OIL SPILL KIT SHOULD INCLUDE:	
	2 x 3kg Root Sorb	
	1 X Boom (2m)	
	2 X Cushions (Containing Orca Sorb) (Ea.)	
	1 X Dust Masks (Ffp/2)	
	1 X Gloves (Pigskin)	
	1 X Goggles	
	1 X Chevron Tape	
	3 X Empty Plastic Bags	
	3 X Cable Ties	
	1 X Black Utility Box (110L)	
9.8.	ORANGE BARRIER NETTING	
	1.2m X 30m	
9.9.	ORCASORB	
	Description/Properties (Nature, Reactivity)	
	A loose fibrous product which absorbs hydrocarbons and aqueous liquids and making them safer to handle	
	Physical and Chemical Properties	
	Physical State	Light brown fibre
	Boiling Point	N/A
	Vapour Pressure	Light smell

Signature		Name (print)	
Capacity		Date	
Name of firm			



	Specific Gravity	N/A
	Melting Point	N/A
	Solubility in water	Not soluble
9.10.	ROOTSORB	
	Physical and Chemical Properties	
	Physical State	Light brown fibre
	Boiling Point	N/A
	Vapour Pressure	Light smell
	Specific Gravity	N/A
	Melting Point	N/A
	Solubility in water	Not soluble. Colour water to light brown / light yellow
	Toxicological Information	
	Low toxicity material. Contain no toxic components. Natural fiber ROOTSORB can be used across the whole spectrum of hydrocarbons, as well as certain acids, as an absorbent and remediation material/product. It can be used on soil, concrete or any other surface as needed. It is totally harmless to human beings, animals, plants or aquatic life, which makes it a total environmental friendly product. A nutrient enhanced version is also available for enhanced remediation of contaminated soil. ROOTSORB also breaks down the thin hydrocarbon layer on water surfaces that other absorbents are unable to remove. ROOTSORB breaks down hydrocarbons in Nitrogen, Carbon, Carbon dioxide and water and is therefore suited for in-situ and land-farm remediation purposes.	
	ROOTSORB is available in 25 Kg bags	
	ROOTSORB-ACID was developed with Rootsorb as base product and serves as an absorbent and neutralizer of mild acids	
	ROOTSORB-ACID is available in 25 Kg bags.	
9.11.	RUBBER GLOVES (without cotton) Small to XL	
9.12.	RUBBER TAPE 25mm X 0.75mm X 9.15m ("Pratley" Or Equivalent)	
	<ul style="list-style-type: none"> Self-fusing. Once it has been applied the tape contracts to fit tightly and give maximum protection needed and will not unwind. Must be able to use it to Waterproof cable ends, insulate bus bars to prevent spiking, etc. Must be weather resistant so it can be used outdoors Di-electric strength 28.KV thick Supplied in a strong plastic container A tough, insulating and self-amalgamating tape. Ideal for insulating busbars, transformer bushing/cable tail connections, cable sheath cuts and cable ends. It can also be used for sealing low pressure water pipes, etc. Typical electric strength 6.6/ kV/mm Packed in strong re-usable containers. 	
9.13.	SOLDERLESS EARTH CONNECTION	
	Solderless Earthing for PILC Belted / Screened Cable	
	<ul style="list-style-type: none"> EAKT 1669 Earthing Kit for 16-120mm Termination Diameter over lead sheath 28 – 39mm 	
9.14.	Trotec Troply Laminates (Graflux Or Equivalent) White/Red P206-206 2 ply, 1.6mm, 300x300mm sheets	
9.15.	Trotec Troply Laminates (Graflux Or Equivalent) Black/White SW019 2 ply, 1.6mm, 300x300mm sheets	
9.16.	Trotec Troply Laminates (Graflux Or Equivalent) Blue/White M512 2 ply, 1.6mm, 300x300mm sheets	
9.17.	Trotec Troply Laminates (Graflux Or Equivalent) Yellow/Black P744-206 2 ply, 1.6mm, 300x300mm sheets	
9.18.	Tsw. Asbestos Encapsulation	
	Composition / Information On Ingredients	
	Sodium Silicate	In Aqueous Solution With Additives Cas # 1344-09-8
	Dangerous Components	None
	Physical And Chemical Properties	
	Boiling Point: 212 Deg F (100 Deg C) Ph 10.5 - 11 Appearance -- Clear Fluid	
	Water Solubility 100% Colour -- None Wt % Solids 24	
	Specific Gravity -- 1.21 Viscosity -- Low	
	Stability And Reactivity:	
	Normally Stable At Temperatures Above 5 Degrees C	

Signature		Name (print)	
Capacity		Date	
Name of firm			



	Product May Cause A Gelling Effect To Materials That Contain Acids Or Ammonia
	Upon Drying The Crystals Formed From This Solution Become Sharp And Abrasive
	Hazardous Polymerization Will Not Occur
	Toxicological Information
	Product Is An Alkaline Solution, With No Known Chronic Effects
	Acute Oral Toxicity Ld50 (Rat) 2,000 – 3000 Mg/Kg
	Ecological Information
	Prevent Large Spills From Entering Natural Waters. 48 Hour Lc 50 For Fathead Minnow Is 11.1 Mgms/ℓ
9.19.	WOODEN DROPPERS (GUM) ± 30mm X 1.2m – Natural
10.	COPPER-TOP ALKALINE DISPOSABLE BATTERIES
10.1.	AAA: Packs of 2
10.2.	AA: Packs of 4
10.3.	C: Packs of 2
10.4.	D: Packs of 2
10.5.	PM3, 9 Volt: Per each
11.	CURRENT TRANSFORMERS
11.1.	<p>General specifications:</p> <ul style="list-style-type: none"> Isolation class: E Maximum operating voltage: $U_m \hat{=} 0.72 \text{ kV}$ Nominal frequency: 50Hz Nominal thermal short-time current: $I_{th} = 60 \times I_n$ Over-current limiting factor: FS 5 up to 1500 A nominal current MBS AG current transformers conform fully to: DIN VDE 0414/1 - DIN 42600 - IEC 61869/1+2 - VBG 4

PLEASE NOTE: SHOULD YOU INTEND TO TENDER ON ANY OF THE ITEMS LISTED UNDER PARAGRAPH 5 THE FOLLOWING SCHEDULE MUST BE COMPLETED

Signature		Name (print)	
Capacity		Date	
Name of firm			



PLEASE NOTE: THE FOLLOWING SCHEDULE MUST BE COMPLETED SHOULD YOU INTEND TO TENDER ON ANY OF THE ITEMS UNDER PARAGRAPH 5

ACCESSORY	REQUIREMENT	Conformance		NOTES	
		YES	NO		
SECTION 1: TERMINATIONS	Termination range taking according to latest edition of SANS 1332:2013				
	Range taking Mechanical Torque shear (MTS) included				
	M16 Lug hole on the palm of the MTS			NRS Version nr:	
	Minimum creepage distance 31 mm/ kV (Outdoor) and 20 mm/kV (Indoor) according to SANS 876				
	Crutch support (Tri-shed) included (Outdoor termination for PILC cables)				
	Creepage path shall be of the same material for the entire creepage distance				
	1) From the same Manufacturer				
	2) Indoor Termination tail length 650 mm (3 core 11 kV cable)				
	3) Indoor Extended screen Termination tail length 800 mm (3 core 11 kV cable, into switchgear with CT's)				
	4) Outdoor Termination tail length 1200 mm (3 core 11 kV cable)				
	5) Installation Instruction (JI) in colour				
	6) Full parts list (B.O.M.) attached				
	7) Installation instruction based on "top down" measurement				
	8) Does the design make provision for Core crossing?				
	9) Phase Identification marking accessory included			Type of identification method:	
10) Type test according to IEC 60055-1 (PILC) or SANS 60502-4 (XLPE)			Test report attached?		
			Yes	No	
11) KIPTS approved			Test report attached		
			Yes	No	
SECTION 2: TERMINATION EARTHING	1) Termination Earthing kit included				
	2) 70 mm ² Tinned Copper Main Earth Braid, rated @ 10 kA/1 sec (unless otherwise specified)				
	3) Earth braid 1000 mm length (Indoor Terminations)				
	4) Earth braid 1000 mm length (Outdoor Terminations)				
	5) 70 mm ² Tinned Copper lug with M 12 Fixing hole				
	6) Earthing conductor Integrally Water blocked with Solder				
	7) Constant Force Spring (CFS) minimum 20 mm width				
	8) Tinned Copper mesh for application under CFS to ensure sufficient contact area between CFS and Lead				
	9) Adjustable support bush for SWA cable				
	10) Secondary earthing 16 mm ² Tinned Copper braid				
	11) Joint range taking as per the latest SANS 1332			SANS Version nr:	
	12) Range taking Mechanical Torque shear connector included				

Signature		Name (print)	
Capacity		Date	
Name of firm			



ACCESSORY	REQUIREMENT	Conformance		NOTES
		YES	NO	
SECTION 3: JOINTS (Heat shrink)	1) Is the joint filled to facilitate longitudinal water blocking?			
	2) Can the Joint accommodate Core crossing?			
	3) Minimum insulation wall thickness over the connector of 1.2 X Cable Insulation			
	4) 70 mm ² Tinned Copper Main Earth Braid, rated @ 10 kA/1 sec (unless otherwise specified)			
	5) Type tested according to CENELEC HD 629.1 S2, CENELEC HD 629.2 S2, IEC 60055-1, SANS 60502-4			Test report attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
	6) Type tested Impact test done			Test report attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
SECTION 4: UNSCREENED SEPARABLE CONNECTORS (USCs)	1) Dead-break type			
	2) Extensible			
	3) Range taking			
	4) Bolted 35mm long Stainless steel or brass M16 x 2 threaded connection (set screw and spring washers)			
	5) Suitable for 630 A type "C" bushing according to EN 50180			
	6) Type tested			Test report attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
		7) Type tested by an Accredited testing facility		
SECTION 5: SCREENED SEPARABLE CONNECTORS (SSCs)	1) Dead-break type			
	2) Extensible			
	3) Range taking			
	4) Suitable for 800 A type "C" bushing according to EN 50180 with integrated Stress Control			
	5) Bolted 35mm long M16 x 2 threaded connection (set screw and spring washers)			
	6) Insulated drain conductor attached to the body of SSC			
	7) Drain conductor minimum 4 mm ²			
	8) Drain conductor minimum length of 700 mm			
	9) Terminated at the non-SSC end with a lug having an M12 fixing hole			
	10) Suitable for Cable outer sheath testing without the need to disconnect			
	11) Type tested (Attach copy of Test report)			Test report attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
		12) Type tested by an Accredited testing facility (Attach copy of Accreditation certificate)		
SECTION 6: CABLE REPAIR SLEEVES	1) Wraparound design			
	2) Supplied with stainless steel zip/channel			
	3) Length minimum 1000 mm			
	4) Minimum wall thickness 2 mm after installation			
	5) Inner surface coated with heat activated adhesive			
	6) Marked with manufacturers name and batch numbers			
	7) UV stable (Attach copy of Test report)			Test report attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
SECTION 7: CABLE SEALING END CAPS	1) Suitable range taking (45 mm to 65 mm) and (65 to 95 mm)			
	2) Minimum length 150 mm			
	3) Minimum wall thickness 2 mm after installation			
	4) Inner surface coated with heat activated adhesive			
	5) Marked with manufacturers name and batch numbers			
	6) UV stable			Test report attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
M A R K I N G	1) All components marked with Manufacturers name (visible on the completed accessory)			

Signature		Name (print)	
Capacity		Date	
Name of firm			



ACCESSORY	REQUIREMENT	Conformance		NOTES
		YES	NO	
	2) All components marked with Manufacturers part number and batch number			
	3) All components individually packed and labelled			
	4) Does any of the components have an expiry date			
	5) Identification tag included in the packing			
	6) All documentation in English			
	7) Legible, colour installation instruction included in every kit			
	8) Installation Instruction individually printed (not photocopied)			
	9) Installation Instruction dated and with a revision control			
	10) Bill of Material included (cross referenced with component part numbers)			
	TEST REPORTS	1) Test reports shall be correctly identified with respect to:		
2) Name of manufacturer				
3) Brand name				
4) Type				
5) Manufacturing date				
6) Part number				
7) Photos of set up				
8) Cable cross section				
9) Material composition and shape of the cable conductor				
10) Rated voltages				
11) Installation instruction and associated Bill of Materials				
12) Tail length tested				
13) Cross sectional area of main braid				
14) Was the product tested as a complete unit i.e. AS SUPPLIED TO THE CUSTOMER				
15) Testing Laboratory accredited by Recognized Accreditation Body				Certificate attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
TRAINING	1) Does the supplier offer product training			
	2) EWETA or SAQA accredited (attach proof)			Proof attached? Yes <input type="checkbox"/> No <input type="checkbox"/>
	3) Assessors and Moderator Seta accredited			Certificate attached? Yes <input type="checkbox"/> No <input type="checkbox"/>

Signature		Name (print)	
Capacity		Date	
Name of firm			



18. SCHEDULE OF WORK EXPERIENCE OF THE TENDERER

	Employer (Name, Tel, Fax, Email)		Nature of work	Value of work (Incl. VAT)	Date started	Date completed
1.	Name of entity					
	Contact Person					
	Tel					
	Fax					
	Email					
2.	Name of entity					
	Contact Person					
	Tel					
	Fax					
	Email					
3.	Name of entity					
	Contact Person					
	Tel					
	Fax					
	Email					
4.	Name of entity					
	Contact Person					
	Tel					
	Fax					
	Email					
5.	Name of entity					
	Contact Person					
	Tel					
	Fax					
	Email					

Attach more pages if necessary.

SIGNATURE		NAME (PRINT)		DATE	
CAPACITY		NAME OF FIRM			



19. PRICING SCHEDULE

- NOTE:**
1. Only firm prices will be accepted. Non-firm prices will not be considered.
 2. All delivery costs **MUST** be included in the bid price, for delivery at the prescribed destination.
 3. Document **MUST** be completed in non-erasable black ink.
 4. **NO** correction fluid/tape may be used.
 - a. In the event of a mistake having been made, it shall be crossed out in ink and be accompanied by an initial at each and every alteration.
 5. The Bidder **MUST** indicate whether he/she/the entity is a registered VAT Vendor or not.
 - a. In the case of the Bidder not being a registered VAT Vendor, both columns (amount/rate excluding AND including VAT) must reflect the same amount.

							INDICATE WITH AN 'X'						
Are you/is the firm a registered VAT Vendor							YES		NO				
If "YES", please provide VAT number													

I / We _____
 (full name of Bidder) the undersigned in my capacity as _____
 of the firm _____

hereby offer to Overstrand Municipality to render the services as described, in accordance with the specification and conditions of contract to the entire satisfaction of the Overstrand Municipality and subject to the conditions of tender, for the amounts indicated hereunder:

PRICING SCHEDULE:

Please complete Pricing Schedule on next page:

Signature		Name (print)	
Capacity		Date	
Name of firm			



Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
1.	METERS							
1.1.	PLC METERS SEE ITEM #1 IN SPECIFICATIONS							
1.1.1	02M070	MULTI FREQUENCY 1 PHASE DIN RAIL G3 -PLC METER:E460S (SMART (LANDIS OR COMPATIBLE)	1					
1.1.2	02M075	MULTI FREQUENCY 3 PHASE DIN RAIL G3-PLC METER:E460S (LANDIS OR COMPATIBLE)	1					
1.1.3	02M080	CUSTOMER INTERFACE UNIT: P160 PLC CUSTOMER INTERFACE UNIT (STAND-ALONE) (LANDIS OR COMPATIBLE)	1					
1.1.4	Non Stock	MULTI FREQUENCY 1 PHASE BS G3 – PLC METER E460S (LANDIS OR COMPATIBLE)	1					
1.1.5	Non Stock	MULTI FREQUENCY 3 PHASE BS G3 – PLC METER E460S (LANDIS OR COMPATIBLE)	1					
1.1.6	Non Stock	E650 SERIES 3 – ZXD400AT/CT METER (LANDIS OR COMPATIBLE)	1					
1.1.7	Non Stock	E65C CU-U52 – MODEM (LANDIS OR COMPATIBLE)	1					
1.1.8	Non Stock	SG101 IS AN INDUSTRIAL GPRS/EDGE/3G MODEM (LANDIS OR COMPATIBLE)	1					
1.1.9	Non Stock	COVERT GSM MULTIBAND OMNI-DIRECTIONAL ANTENNA (824-960MHZ AND 1710-2200MHZ) (LANDIS OR COMPATIBLE)	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			



Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
1.1.10	Non Stock	THE SG106; INDUSTRIAL GPRS/EDGE/3G MODEM FOR LANDIS+GYR E460S (LANDIS OR COMPATIBLE)	1					
1.2.	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (Ontec or compatible)							
1.2.1	02M04 6	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (ONTEC OR COMPATIBLE)	1					
1.2.2	02M04 5	ACE 9000 PLC CIU STANDARD, COMMON BASE KEYPAD (ONTEC OR COMPATIBLE)	1					
1.2.3	02M04 7	ACE 9000 PLC CIU STAND-ALONE, KEYPAD (ONTEC OR COMPATIBLE)	1					
1.3.	OTHER METERS							
1.3.1	Non Stock	BLANK COVER FOR COMMON BASE	1					
2.	METER SEALS & TEST BLOCKS SEE ITEM #2 IN SPECIFICATIONS							
2.1.	Non Stock	METER SEALS: SP1-YEL QUICK SEAL, YELLOW, RED & BLUE	1					
2.2.	02M30 0	METERING TEST BLOCK, FRONT CONNECTED 13WAY HTB001	1					
2.3.	Non Stock	METERING TEST BLOCK, REAR CONNECTED	1					
3.	LIGHT FITTINGS AND ACCESSORIES;							
3.1.	LIGHT FITTINGS AND ACCESSORIES							
Signature		Name (print)						
Capacity		Date						
Name of firm								



Item #	OM stock code	Description	BID QUANTITY		Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
					Yes	No			Kleinmond Hermanus Gansbaai
3.1.1	Non Stock	LED STREET LIGHTS (THE LED LUMINAIRE SHALL BE DESIGNED TO MEET THE LIGHTING CRITERIA FOR GROUP 'A' ROADS) MINI	1						
3.1.2	Non Stock	LED STREET LIGHTS (THE LED LUMINAIRE SHALL BE DESIGNED TO MEET THE LIGHTING CRITERIA FOR GROUP 'A' ROADS) MIDI (See Specs 3.1.1)	1						
3.1.3	Non Stock	LED STREET LIGHTS (THE LED LUMINAIRE SHALL BE DESIGNED TO MEET THE LIGHTING CRITERIA FOR GROUP 'A' ROADS) MAXI (See Specs 3.1.1)	1						
3.2.	ROPE LIGHTS AND ACCESSORIES SEE ITEM #3.2 IN SPECIFICATIONS								
3.2.1	ROPE LIGHT STANDARD COLOURS								
3.2.1.1.	Non Stock	2 WIRE ROPE LIGHT CLEAR	1						
3.2.1.2.	Non Stock	2 WIRE ROPE LIGHT RED	1						
3.2.1.3.	Non Stock	2 WIRE ROPE LIGHT YELLOW	1						
3.2.1.4.	Non Stock	2 WIRE ROPE LIGHT BLUE	1						
3.2.1.5.	Non Stock	2 WIRE ROPE LIGHT GREEN	1						
3.2.1.6.	Non Stock	2 WIRE ROPE LIGHT AQUA BLUE	1						
Signature		Name (print)							
Capacity		Date							
Name of firm									



Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
3.2.1.7.	Non Stock	2 WIRE ROPE LIGHT HELLFIRE	1					
3.2.1.8.	Non Stock	2 WIRE ROPE LIGHT DARK GREY	1					
3.2.1.9.	Non Stock	2 WIRE ROPE LIGHT SAKURA PINK	1					
3.2.1.10.	Non Stock	2 WIRE ROPE LIGHT ORANGE	1					
3.2.1.11.	Non Stock	2 WIRE ROPE LIGHT PURPLE	1					
3.2.1.12.	Non Stock	2 WIRE ROPE LIGHT FLUORESCENT GREEN	1					
3.2.1.13.	Non Stock	2 WIRE ROPE LIGHT FLUORESCENT ORANGE	1					
3.2.1.14.	Non Stock	2 WIRE ROPE LIGHT FLUORESCENT PINK	1					
3.2.1.15.	Non Stock	3 WIRE ROPE LIGHT CLEAR	1					
3.2.1.16.	Non Stock	3 WIRE ROPE LIGHT RED	1					
3.2.1.17.	Non Stock	3 WIRE ROPE LIGHT YELLOW	1					
3.2.1.18.	Non Stock	3 WIRE ROPE LIGHT BLUE	1					
3.2.1.19.	Non Stock	3 WIRE ROPE LIGHT GREEN	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			

Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
3.2.1.20.	Non Stock	3 WIRE ROPE LIGHT AQUA BLUE	1					
3.2.1.21.	Non Stock	3 WIRE ROPE LIGHT HELLFIRE	1					
3.2.1.22.	Non Stock	3 WIRE ROPE LIGHT DARK GREY	1					
3.2.1.23.	Non Stock	3 WIRE ROPE LIGHT SAKURA PINK	1					
3.2.1.24.	Non Stock	3 WIRE ROPE LIGHT ORANGE	1					
3.2.1.25.	Non Stock	3 WIRE ROPE LIGHT PURPLE	1					
3.2.1.26.	Non Stock	3 WIRE ROPE LIGHT FLUORESCENT GREEN	1					
3.2.1.27.	Non Stock	3 WIRE ROPE LIGHT FLUORESCENT ORANGE	1					
3.2.1.28.	Non Stock	3 WIRE ROPE LIGHT FLUORESCENT PINK	1					
3.2.2	ROPE LIGHT PEARL COLOURS							
3.2.2.1.	Non Stock	2 WIRE ROPE LIGHT WHITE (PEARL)	1					
3.2.2.2.	Non Stock	2 WIRE ROPE LIGHT RED	1					
3.2.2.3.	Non Stock	2 WIRE ROPE LIGHT YELLOW	1					
3.2.2.4.	Non Stock	2 WIRE ROPE LIGHT BLUE	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			

Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
3.2.2.5.	Non Stock	2 WIRE ROPE LIGHT GREEN (SEA)	1					
3.2.2.6.	Non Stock	2 WIRE ROPE LIGHT ORANGE	1					
3.2.2.7.	Non Stock	2 WIRE ROPE LIGHT, PINK	1					
3.2.2.8.	Non Stock	3 WIRE ROPE LIGHT WHITE (PEARL)	1					
3.2.2.9.	Non Stock	3 WIRE ROPE LIGHT RED	1					
3.2.2.10.	Non Stock	3 WIRE ROPE LIGHT YELLOW	1					
3.2.2.11.	Non Stock	3 WIRE ROPE LIGHT BLUE	1					
3.2.2.12.	Non Stock	3 WIRE ROPE LIGHT GREEN (SEA)	1					
3.2.2.13.	Non Stock	3 WIRE ROPE LIGHT ORANGE	1					
3.2.2.14.	Non Stock	3 WIRE ROPE LIGHT, PINK	1					
3.2.3	ROPE LIGHT MULTI COLOUR							
3.2.3.1.	Non Stock	2 WIRE ROPE LIGHT RED	1					
3.2.3.2.	Non Stock	2 WIRE ROPE LIGHT, GREEN	1					
3.2.3.3.	Non Stock	2 WIRE ROPE LIGHT BLUE	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			



Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
3.2.3.4.	Non Stock	3 WIRE ROPE LIGHT RED	1					
3.2.3.5.	Non Stock	3 WIRE ROPE LIGHT GREEN	1					
3.2.3.6.	Non Stock	3 WIRE ROPE LIGHT BLUE	1					
3.2.4	ROPE LIGHT CONTROLLERS							
3.2.4.1.	Non Stock	WL5C- 6 FUNCTION HEAVY DUTY CONTROLLERS LOADING LENGTH 100 M - 220/240 VOLT – 15 AMP(OR COMPATIBLE)	1					
3.2.4.2.	Non Stock	WL310 – 13M X 3 WIRE – 12 METER LOADING LENGTH MINI CONTROLLERS 2 CHANNEL CHASING MOVEMENT FAST OR SLOW MOVING SETTING 1.2 AMP(OR COMPATIBLE)	1					
3.2.4.3.	Non Stock	WL-310-CF - MINI CONTROLLER FOR CHASING FLEXILIGHT (3-WIRE), 220V. FUNCTION: CHASING, SPEED ADJUSTABLE(OR COMPATIBLE)	1					
3.2.4.4.	Non Stock	WL-3C - 8A CONTROLLER FOR CHASING FLEXILIGHT, 220V, 7-FUNCTION CHASING(OR COMPATIBLE)	1					
3.2.4.5.	Non Stock	BI-310 - MINI-CONTROLLER FOR BI-COLOR CHAMELEON, 220V, FUNCTION: GRADUAL COLOR CHANGE, SPEED ADJUSTABLE(OR COMPATIBLE)	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			



Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
3.2.4.6.	Non Stock	WL-210 - MINI CONTROLLER FOR MINI FLEXILIGHT, 220V(OR COMPATIBLE)	1					
3.2.4.7.	Non Stock	WL-310C - MINI CONTROLLER FOR CHASING FLEXILIGHT (3-WIRE), 220V, FUNCTION: CHASING, SPEED ADJUSTABLE(OR COMPATIBLE)	1					
3.2.4.8.	Non Stock	WL-318-CF - MINI CONTROLLER FOR CHASING FLEXILIGHT, 220V, 16 FUNCTION(OR COMPATIBLE)	1					
3.3.	FLEXI LIGHT ACCESSORIES SEE ITEM #3.3 IN SPECIFICATIONS							
3.3.1	Non Stock	M1&M2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR MINI FLEXILIGHT. W/2 PINS- ROUND PLUG (OR COMPATIBLE)	1					
3.3.2	Non Stock	F1&F2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR INSTANT FLEXILIGHT. W/2 PINS- ROUND PLUG(OR COMPATIBLE)	1					
3.3.3	Non Stock	C1&C2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR CHASING FLEXILIGHT, W/2-PINS ROUND PLUG(OR COMPATIBLE)	1					
3.3.4	Non Stock	M2 - POWER CONNECTOR MINI FLEXILIGHT(OR COMPATIBLE)	1					
3.3.5	Non Stock	F2 - POWER CONNECTOR FOR INSTANT FLEXILIGHT(OR COMPATIBLE)	1					
3.3.6	Non Stock	C2 - POWER CONNECTOR FOR CHASING FLEXILIGHT(OR COMPATIBLE)	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			

Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
3.3.7	Non Stock	M3 - SPLICE CONNECTOR FOR MINI FLEXILIGHT(OR COMPATIBLE)	1					
3.3.8	Non Stock	F3 - SPLICE CONNECTOR FOR INSTANT FLEXILIGHT(OR COMPATIBLE)	1					
3.3.9	Non Stock	C3 - SPLICE CONNECTOR FOR CHASING FLEXILIGHT(OR COMPATIBLE)	1					
3.3.10	Non Stock	M4 - END CAP FOR MINI FLEXILIGHT (100PCS = 1 PKT) (OR COMPATIBLE)	1					
3.3.11	Non Stock	F4 - END CAP FOR INSTANT FLEXILIGHT (100PCS = 1 PKT) (OR COMPATIBLE)	1					
3.3.12	Non Stock	C4 - END CAP FOR CHASING FLEXILIGHT (100PCS = 1PKT) (OR COMPATIBLE)	1					
3.3.13	Non Stock	M9 - EASY SPLICE CONNECTOR FOR MINI FLEXILIGHT(OR COMPATIBLE)	1					
3.3.14	Non Stock	F9 - EASY SPLICE CONNECTOR FOR INSTANT FLEXILIGHT(OR COMPATIBLE)	1					
3.3.15	Non Stock	C9 - EASY SPLICE CONNECTOR FOR CHASING FLEXILIGHT(OR COMPATIBLE)	1					
4.	PAINT FOR MINIATURE SUBSTATIONS							
4.1.	Non Stock	SYNLAC INDUSTRIAL ENAMEL SL5000 SERIES AVOCADO GREEN (OR COMPATIBLE)	1					
5.	CAST IRON JOINTS							
5.1.	02J00 1	JOINT: 1001 CAST IRON COMPLETE	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			



Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
5.2.	02J00 2	JOINT: 1002 CAST IRON COMPLETE	1					
5.3.	02J00 3	JOINT: 1003 CAST IRON COMPLETE	1					
6.	STRIKER PIN FUSES							
6.1.	Non Stock	FUSES: 20 - 63 AMP 11KV	1					
7.	LUGS & FERRULES							
7.1.	02F04 7	Crimping Ferrule: 35-35mm Copper/Alum (Bi-Metal)	1					
7.2.	02F04 6	Crimping Ferrule: 50-50mm Copper/Alum (Bi-Metal)	1					
7.3.	02F04 5	Crimping Ferrule: 70-70mm Copper/Alum (Bi-Metal)	1					
7.4.	02F08 8	Crimping Ferrule: 95mmx95mmCopper/Alum (Bi-Metal)	1					
7.5.	02F06 2	Crimping Ferrule: 16mm Blue (MJPB)	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			

Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
7.6.	02F05 2	Crimping Ferrule: 25mm Orange Bundle Conductor	1					
7.7.	02F05 8	Crimping Ferrule: 35mm Red Bundle Conductor	1					
7.8.	02F05 4	Crimping Ferrule: 50mm Yellow Bundle Conductor	1					
7.9.	02F05 5	Crimping Ferrule: 70mm White Bundle Conductor	1					
7.10.	02F05 6	Crimping Ferrule: 95mm Grey Bundle Conductor	1					
7.11.	02F09 2	Crimping Ferrule: 54.6mm Neutral Bundle	1					
8.	INSULATORS Silicone Insulators							
8.1.	Non Stock	7 DISC 620mm; 520mm	1					
8.2.	Non Stock	8 DISC 620mm; 490mm	1					
8.3.	Non Stock	8 DISC 620mm; 500mm	1					
9.	GENERAL B							

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Capacity		Date	
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Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
9.1.	Non Stock	Airdac Suspension Plate	1					
9.2.	Non Stock	Contactora: 230V 50/60HZ Magnetic (RAB-35T10) or Compatible						
9.3.	2.00E +01	Electro Flasher Unit: Model R1F 230V ("Omron" Or Compatible)	1					
9.4.	Non Stock	Gansbaai Armoured Gland, Shrouds Included (Pratley Or Equivalent)	1					
9.5.	Non Stock	Miracle Tool Spray – Momar Or Equivalent	1					
9.6.	Non Stock	Oil Cap	1					
9.7.	Non Stock	Oil Spill Kit: One Man Spill Kit	1					
9.8.	Non Stock	Orange Barrier Netting – 1.2m X 30m	1					
9.9.	Non Stock	Orcasorb	1					
9.10.	Non Stock	Rootsorb 25 Kg	1					
9.11.	Non Stock	Rubber Gloves – Cotton Inners – Various Sizes	1					
9.12.	Non Stock	Rubber Tape: 25mm X 0.75mm X 9.15m ("Pratley" Or Equivalent)	1					
9.13.	G010 2B11	Solderless Earth Connection	1					
9.14.	Non Stock	Trotec Troply Laminates (Graflux Or Equivalent) White/Red P206-206	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			

Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
9.15.	Non Stock	Trotec Troply Laminates (Graflux Or Equivalent) Black/White SW019	1					
9.16.	Non Stock	Trotec Troply Laminates (Graflux Or Equivalent) Blue/White M512	1					
9.17.	Non Stock	Trotec Troply Laminates (Graflux Or Equivalent) Yellow/Black P744-206	1					
9.18.	Non Stock	Tsw Asbestos Encapsulation	1					
9.19.	Non Stock	Wooden Droppers (Gum): ± 30mm X 1.2m – Natural	1					
10.	BATTERIES (Specifications Par. B 19)							
10.1.	Non Stock	Type AAA: Alkaline Coppertop Penlight Batteries (per pack of 4)	1					
10.2.	44B00 2	Type AA: Alkaline Coppertop Penlight Batteries (per pack of 4)	1					
10.3.	44B00 3	Type C: Alkaline Coppertop Medium Batteries (per pack of 2)	1					
10.4.	44B00 5	Type D: Alkaline Coppertop Torch Batteries (per pack of 2)	1					
10.5.	44B00 4	Type PM3: Alkaline Coppertop 9Volt Batteries	1					
11.	CURRENT TRANSFORMERS							

Signature		Name (print)	
Capacity		Date	
Name of firm			

Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
11.1.	Non Stock	CURRENT TRANSFORMER: 100/5 (32MM RING) CL1	1					
11.2.	02M01 1	CURRENT TRANSFORMER: 150/5 (32MM RING) CL1	1					
11.3.	02M01 2	CURRENT TRANSFORMER: 200/5 (32MM RING) CL1	1					
11.4.	02M01 3	CURRENT TRANSFORMER: 250/5 (32MM RING) CL1	1					
11.5.	02M03 1	CURRENT TRANSFORMER: 250/5 (36MM RING) CL1	1					
11.6.	02M01 4	CURRENT TRANSFORMER: 300/5 (36MM RING) CL1	1					
11.7.	02M01 5	CURRENT TRANSFORMER: 350/5 (36MM RING) CL1	1					
11.8.	02M01 6	CURRENT TRANSFORMER: 400/5 (36MM RING) CL1	1					
11.9.	02M01 8	CURRENT TRANSFORMER: 500/5 (65MM RING) CL1	1					
11.10.	2M019	CURRENT TRANSFORMER: 600/5 (65MM RING) CL1	1					

Signature		Name (print)	
Capacity		Date	
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Item #	OM stock code	Description	BID QUANTITY	Indicate if your offer complies with technical requirements		Lead Time (Weeks)	Manufacturer & Model / Type	Unit Price Including VAT
				Yes	No			Kleinmond Hermanus Gansbaai
11.11.	2M020	CURRENT TRANSFORMER: 700/5 (65MM RING) CL1	1					
11.12.	2M021	CURRENT TRANSFORMER: 800/5 (65MM RING) CL1	1					
11.13.	2M022	CURRENT TRANSFORMER: 1000/5 (65MM RING) CL1	1					

Signature		Name (print)	
Capacity		Date	
Name of firm			



Item #	OM stock code	Description	Est. Qty. Over The Contract Period
2.	METERS		
2.1.	PLC METERS SEE ITEM #1 IN SPECIFICATIONS		
2.1.1	02M070	MULTI FREQUENCY 1 PHASE DIN RAIL G3 -PLC METER:E460S (SMART (LANDIS OR COMPATIBLE)	1650
2.1.2	02M075	MULTI FREQUENCY 3 PHASE DIN RAIL G3-PLC METER:E460S (LANDIS OR COMPATIBLE)	650
2.1.3	02M080	CUSTOMER INTERFACE UNIT: P160 PLC CUSTOMER INTERFACE UNIT (STAND-ALONE) (LANDIS OR COMPATIBLE)	60
2.1.4	Non Stock	MULTI FREQUENCY 1 PHASE BS G3 – PLC METER E460S (LANDIS OR COMPATIBLE)	60
2.1.5	Non Stock	MULTI FREQUENCY 3 PHASE BS G3 – PLC METER E460S (LANDIS OR COMPATIBLE)	6
2.1.6	Non Stock	E650 SERIES 3 – ZXD400AT/CT METER (LANDIS OR COMPATIBLE)	10
2.1.7	Non Stock	E65C CU-U52 – MODEM (LANDIS OR COMPATIBLE)	10
2.1.8	Non Stock	SG101 IS AN INDUSTRIAL GPRS/EDGE/3G MODEM (LANDIS OR COMPATIBLE)	10
2.1.9	Non Stock	COVERT GSM MULTIBAND OMNI-DIRECTIONAL ANTENNA (824-960MHZ AND 1710-2200MHZ) (LANDIS OR COMPATIBLE)	10
2.1.10	Non Stock	THE SG106; INDUSTRIAL GPRS/EDGE/3G MODEM FOR LANDIS+GYR E460S (LANDIS OR COMPATIBLE)	10
2.2.	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (Ontec or compatible)		
2.2.1	02M046	SPLIT SINGLE PHASE DIN RAIL MOUNT POWER LINE COMMUNICATIONS ELECTRICITY METER (ONTEC OR COMPATIBLE)	50
2.2.2	02M045	ACE 9000 PLC CIU STANDARD, COMMON BASE KEYPAD (ONTEC OR COMPATIBLE)	10
2.2.3	02M047	ACE 9000 PLC CIU STAND-ALONE, KEYPAD (ONTEC OR COMPATIBLE)	10
2.3.	OTHER METERS		
2.3.1	Non Stock	BLANK COVER FOR COMMON BASE	10
3.	METER SEALS & TEST BLOCKS SEE ITEM #2 IN SPECIFICATIONS		
3.1.	Non Stock	METER SEALS: SP1-YEL QUICK SEAL, YELLOW, RED & BLUE	100

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Item #	OM stock code	Description	Est. Qty. Over The Contract Period
3.2.	02M300	METERING TEST BLOCK, FRONT CONNECTED 13WAY HTB001	10
3.3.	Non Stock	METERING TEST BLOCK, REAR CONNECTED	2
12.	LIGHT FITTINGS AND ACCESSORIES;		
12.1.	LIGHT FITTINGS AND ACCESSORIES		
12.1.1	Non Stock	LED STREET LIGHTS (THE LED LUMINAIRE SHALL BE DESIGNED TO MEET THE LIGHTING CRITERIA FOR GROUP 'A' ROADS) MINI	
12.1.2	Non Stock	LED STREET LIGHTS (THE LED LUMINAIRE SHALL BE DESIGNED TO MEET THE LIGHTING CRITERIA FOR GROUP 'A' ROADS) MIDI (See Specs 3.1.1)	5
12.1.3	Non Stock	LED STREET LIGHTS (THE LED LUMINAIRE SHALL BE DESIGNED TO MEET THE LIGHTING CRITERIA FOR GROUP 'A' ROADS) MAXI (See Specs 3.1.1)	5
12.2.	ROPE LIGHTS AND ACCESSORIES SEE ITEM #3.2 IN SPECIFICATIONS		
12.2.1	ROPE LIGHT STANDARD COLOURS		
12.2.1.1.	Non Stock	2 WIRE ROPE LIGHT CLEAR	1
12.2.1.2.	Non Stock	2 WIRE ROPE LIGHT RED	1
12.2.1.3.	Non Stock	2 WIRE ROPE LIGHT YELLOW	1
12.2.1.4.	Non Stock	2 WIRE ROPE LIGHT BLUE	1
12.2.1.5.	Non Stock	2 WIRE ROPE LIGHT GREEN	1
12.2.1.6.	Non Stock	2 WIRE ROPE LIGHT AQUA BLUE	1
12.2.1.7.	Non Stock	2 WIRE ROPE LIGHT HELLFIRE	1
12.2.1.8.	Non Stock	2 WIRE ROPE LIGHT DARK GREY	1
12.2.1.9.	Non Stock	2 WIRE ROPE LIGHT SAKURA PINK	1
12.2.1.10.	Non Stock	2 WIRE ROPE LIGHT ORANGE	1
12.2.1.11.	Non Stock	2 WIRE ROPE LIGHT PURPLE	1

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Capacity		Date	
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Item #	OM stock code	Description	Est. Qty. Over The Contract Period
12.2.1.12.	Non Stock	2 WIRE ROPE LIGHT FLUORESCENT GREEN	1
12.2.1.13.	Non Stock	2 WIRE ROPE LIGHT FLUORESCENT ORANGE	1
12.2.1.14.	Non Stock	2 WIRE ROPE LIGHT FLUORESCENT PINK	1
12.2.1.15.	Non Stock	3 WIRE ROPE LIGHT CLEAR	1
12.2.1.16.	Non Stock	3 WIRE ROPE LIGHT RED	1
12.2.1.17.	Non Stock	3 WIRE ROPE LIGHT YELLOW	1
12.2.1.18.	Non Stock	3 WIRE ROPE LIGHT BLUE	1
12.2.1.19.	Non Stock	3 WIRE ROPE LIGHT GREEN	1
12.2.1.20.	Non Stock	3 WIRE ROPE LIGHT AQUA BLUE	1
12.2.1.21.	Non Stock	3 WIRE ROPE LIGHT HELLFIRE	1
12.2.1.22.	Non Stock	3 WIRE ROPE LIGHT DARK GREY	1
12.2.1.23.	Non Stock	3 WIRE ROPE LIGHT SAKURA PINK	1
12.2.1.24.	Non Stock	3 WIRE ROPE LIGHT ORANGE	1
12.2.1.25.	Non Stock	3 WIRE ROPE LIGHT PURPLE	1
12.2.1.26.	Non Stock	3 WIRE ROPE LIGHT FLUORESCENT GREEN	1
12.2.1.27.	Non Stock	3 WIRE ROPE LIGHT FLUORESCENT ORANGE	1
12.2.1.28.	Non Stock	3 WIRE ROPE LIGHT FLUORESCENT PINK	1
12.2.2	ROPE LIGHT PEARL COLOURS		
12.2.2.1.	Non Stock	2 WIRE ROPE LIGHT WHITE (PEARL)	1
12.2.2.2.	Non Stock	2 WIRE ROPE LIGHT RED	1

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Capacity		Date	
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Item #	OM stock code	Description	Est. Qty. Over The Contract Period
12.2.2.3.	Non Stock	2 WIRE ROPE LIGHT YELLOW	1
12.2.2.4.	Non Stock	2 WIRE ROPE LIGHT BLUE	1
12.2.2.5.	Non Stock	2 WIRE ROPE LIGHT GREEN (SEA)	1
12.2.2.6.	Non Stock	2 WIRE ROPE LIGHT ORANGE	1
12.2.2.7.	Non Stock	2 WIRE ROPE LIGHT, PINK	1
12.2.2.8.	Non Stock	3 WIRE ROPE LIGHT WHITE (PEARL)	1
12.2.2.9.	Non Stock	3 WIRE ROPE LIGHT RED	1
12.2.2.10.	Non Stock	3 WIRE ROPE LIGHT YELLOW	1
12.2.2.11.	Non Stock	3 WIRE ROPE LIGHT BLUE	1
12.2.2.12.	Non Stock	3 WIRE ROPE LIGHT GREEN (SEA)	1
12.2.2.13.	Non Stock	3 WIRE ROPE LIGHT ORANGE	1
12.2.2.14.	Non Stock	3 WIRE ROPE LIGHT, PINK	1
12.2.3	ROPE LIGHT MULTI COLOUR		
12.2.3.1.	Non Stock	2 WIRE ROPE LIGHT RED	1
12.2.3.2.	Non Stock	2 WIRE ROPE LIGHT, GREEN	1
12.2.3.3.	Non Stock	2 WIRE ROPE LIGHT BLUE	1
12.2.3.4.	Non Stock	3 WIRE ROPE LIGHT RED	1
12.2.3.5.	Non Stock	3 WIRE ROPE LIGHT GREEN	1
12.2.3.6.	Non Stock	3 WIRE ROPE LIGHT BLUE	1
12.2.4	ROPE LIGHT CONTROLLERS		

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Capacity		Date	
Name of firm			



Item #	OM stock code	Description	Est. Qty. Over The Contract Period
12.2.4.1.	Non Stock	WL5C- 6 FUNCTION HEAVY DUTY CONTROLLERS LOADING LENGTH 100 M - 220/240 VOLT – 15 AMP(OR COMPATIBLE)	1
12.2.4.2.	Non Stock	WL310 – 13M X 3 WIRE – 12 METER LOADING LENGTH MINI CONTROLLERS 2 CHANNEL CHASING MOVEMENT FAST OR SLOW MOVING SETTING 1.2 AMP(OR COMPATIBLE)	1
12.2.4.3.	Non Stock	WL-310-CF - MINI CONTROLLER FOR CHASING FLEXILIGHT (3-WIRE), 220V. FUNCTION: CHASING, SPEED ADJUSTABLE(OR COMPATIBLE)	1
12.2.4.4.	Non Stock	WL-3C - 8A CONTROLLER FOR CHASING FLEXILIGHT, 220V, 7-FUNCTION CHASING(OR COMPATIBLE)	1
12.2.4.5.	Non Stock	BI-310 - MINI-CONTROLLER FOR BI-COLOR CHAMELEON, 220V, FUNCTION: GRADUAL COLOR CHANGE, SPEED ADJUSTABLE(OR COMPATIBLE)	1
12.2.4.6.	Non Stock	WL-210 - MINI CONTROLLER FOR MINI FLEXILIGHT, 220V(OR COMPATIBLE)	1
12.2.4.7.	Non Stock	WL-310C - MINI CONTROLLER FOR CHASING FLEXILIGHT (3-WIRE), 220V, FUNCTION: CHASING, SPEED ADJUSTABLE(OR COMPATIBLE)	1
12.2.4.8.	Non Stock	WL-318-CF - MINI CONTROLLER FOR CHASING FLEXILIGHT, 220V, 16 FUNCTION(OR COMPATIBLE)	1
12.3.	FLEXI LIGHT ACCESSORIES SEE ITEM #3.3 IN SPECIFICATIONS		
12.3.1	Non Stock	M1&M2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR MINI FLEXILIGHT. W/2 PINS- ROUND PLUG (OR COMPATIBLE)	1
12.3.2	Non Stock	F1&F2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR INSTANT FLEXILIGHT. W/2 PINS- ROUND PLUG(OR COMPATIBLE)	1
12.3.3	Non Stock	C1&C2 - 2M BLACK POWER CORD WITH POWER CONNECTOR FOR CHASING FLEXILIGHT, W/2-PINS ROUND PLUG(OR COMPATIBLE)	1
12.3.4	Non Stock	M2 - POWER CONNECTOR MINI FLEXILIGHT(OR COMPATIBLE)	1
12.3.5	Non Stock	F2 - POWER CONNECTOR FOR INSTANT FLEXILIGHT(OR COMPATIBLE)	1
12.3.6	Non Stock	C2 - POWER CONNECTOR FOR CHASING FLEXILIGHT(OR COMPATIBLE)	1
12.3.7	Non Stock	M3 - SPLICE CONNECTOR FOR MINI FLEXILIGHT(OR COMPATIBLE)	1
12.3.8	Non Stock	F3 - SPLICE CONNECTOR FOR INSTANT FLEXILIGHT(OR COMPATIBLE)	1
12.3.9	Non Stock	C3 - SPLICE CONNECTOR FOR CHASING FLEXILIGHT(OR COMPATIBLE)	1
12.3.10	Non Stock	M4 - END CAP FOR MINI FLEXILIGHT (100PCS = 1 PKT) (OR COMPATIBLE)	1

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Capacity		Date	
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Item #	OM stock code	Description	Est. Qty. Over The Contract Period
12.3.11	Non Stock	F4 - END CAP FOR INSTANT FLEXILIGHT (100PCS = 1 PKT) (OR COMPATIBLE)	1
12.3.12	Non Stock	C4 - END CAP FOR CHASING FLEXILIGHT (100PCS = 1PKT) (OR COMPATIBLE)	1
12.3.13	Non Stock	M9 - EASY SPLICE CONNECTOR FOR MINI FLEXILIGHT(OR COMPATIBLE)	1
12.3.14	Non Stock	F9 - EASY SPLICE CONNECTOR FOR INSTANT FLEXILIGHT(OR COMPATIBLE)	1
12.3.15	Non Stock	C9 - EASY SPLICE CONNECTOR FOR CHASING FLEXILIGHT(OR COMPATIBLE)	1
13.	PAINT FOR MINIATURE SUBSTATIONS		
13.1.	Non Stock	SYNLAC INDUSTRIAL ENAMEL SL5000 SERIES AVOCADO GREEN (OR COMPATIBLE)	6
14.	CAST IRON JOINTS		
14.1.	02J001	JOINT: 1001 CAST IRON COMPLETE	3
14.2.	02J002	JOINT: 1002 CAST IRON COMPLETE	3
14.3.	02J003	JOINT: 1003 CAST IRON COMPLETE	6
15.	STRIKER PIN FUSES		
15.1.	Non Stock	FUSES: 20 - 63 AMP 11KV	10
16.	LUGS & FERRULES		
16.1.	02F047	Crimping Ferrule: 35-35mm Copper/Alum (Bi-Metal)	1
16.2.	02F046	Crimping Ferrule: 50-50mm Copper/Alum (Bi-Metal)	1
16.3.	02F045	Crimping Ferrule: 70-70mm Copper/Alum (Bi-Metal)	1
16.4.	02F088	Crimping Ferrule: 95mmx95mmCopper/Alum (Bi-Metal)	1
16.5.	02F062	Crimping Ferrule: 16mm Blue (MJPB)	1
16.6.	02F052	Crimping Ferrule: 25mm Orange Bundle Conductor	1

Signature		Name (print)	
Capacity		Date	
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Item #	OM stock code	Description	Est. Qty. Over The Contract Period
16.7.	02F058	Crimping Ferrule: 35mm Red Bundle Conductor	6
16.8.	02F054	Crimping Ferrule: 50mm Yellow Bundle Conductor	1
16.9.	02F055	Crimping Ferrule: 70mm White Bundle Conductor	1
16.10.	02F056	Crimping Ferrule: 95mm Grey Bundle Conductor	1
16.11.	02F092	Crimping Ferrule: 54.6mm Neutral Bundle	1
17.	INSULATORS SILICONE INSULATORS		
17.1.	Non Stock	7 DISC 620mm; 520mm	1
17.2.	Non Stock	8 DISC 620mm; 490mm	1
17.3.	Non Stock	8 DISC 620mm; 500mm	1
18.	GENERAL B		
18.1.	Non Stock	Airdac Suspension Plate	2
18.2.	Non Stock	Contactora: 230V 50/60HZ Magnetic (RAB-35T10) or Compatible	2
18.3.	2.00E+01	Electro Flasher Unit: Model R1F 230V ("Omron" Or Compatible)	12
18.4.	Non Stock	Gansbaai Armoured Gland, Shrouds Included (Pratley Or Equivalent)	20
18.5.	Non Stock	Miracle Tool Spray – Momar Or Equivalent	300
18.6.	Non Stock	Oil Cap	300
18.7.	Non Stock	Oil Spill Kit: One Man Spill Kit	300
18.8.	Non Stock	Orange Barrier Netting – 1.2m X 30m	300
18.9.	Non Stock	Orcasorb	300
18.10.	Non Stock	Rootsorb 25 Kg	6

Signature		Name (print)	
Capacity		Date	
Name of firm			



Item #	OM stock code	Description	Est. Qty. Over The Contract Period
18.11.	Non Stock	Rubber Gloves – Cotton Inners – Various Sizes	2
18.12.	Non Stock	Rubber Tape: 25mm X 0.75mm X 9.15m (“Pratley” Or Equivalent)	60
18.13.	G0102B11	Solderless Earth Connection	2
18.14.	Non Stock	Trotec Troply Laminates (Graflux Or Equivalent) White/Red P206-206	100
18.15.	Non Stock	Trotec Troply Laminates (Graflux Or Equivalent) Black/White SW019	2
18.16.	Non Stock	Trotec Troply Laminates (Graflux Or Equivalent) Blue/White M512	10
18.17.	Non Stock	Trotec Troply Laminates (Graflux Or Equivalent) Yellow/Black P744-206	2
18.18.	Non Stock	Tsw Asbestos Encapsulation	10
18.19.	Non Stock	Wooden Droppers (Gum): ± 30mm X 1.2m – Natural	2
19.	BATTERIES (Specifications Par. B 19)		
19.1.	Non Stock	Type AAA: Alkaline Coppertop Penlight Batteries (per pack of 4)	24
19.2.	44B002	Type AA: Alkaline Coppertop Penlight Batteries (per pack of 4)	100
19.3.	44B003	Type C: Alkaline Coppertop Medium Batteries (per pack of 2)	30
19.4.	44B005	Type D: Alkaline Coppertop Torch Batteries (per pack of 2)	60
19.5.	44B004	Type PM3: Alkaline Coppertop 9Volt Batteries	60
20.	CURRENT TRANSFORMERS		
20.1.	Non Stock	CURRENT TRANSFORMER: 100/5 (32MM RING) CL1	2
20.2.	02M011	CURRENT TRANSFORMER: 150/5 (32MM RING) CL1	6
20.3.	02M012	CURRENT TRANSFORMER: 200/5 (32MM RING) CL1	2
20.4.	02M013	CURRENT TRANSFORMER: 250/5 (32MM RING) CL1	3

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Capacity		Date	
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Item #	OM stock code	Description	Est. Qty. Over The Contract Period
20.5.	02M031	CURRENT TRANSFORMER: 250/5 (36MM RING) CL1	3
20.6.	02M014	CURRENT TRANSFORMER: 300/5 (36MM RING) CL1	3
20.7.	02M015	CURRENT TRANSFORMER: 350/5 (36MM RING) CL1	2
20.8.	02M016	CURRENT TRANSFORMER: 400/5 (36MM RING) CL1	2
20.9.	02M018	CURRENT TRANSFORMER: 500/5 (65MM RING)CL1	2
20.10.	2M019	CURRENT TRANSFORMER: 600/5 (65MM RING) CL1	2
20.11.	2M020	CURRENT TRANSFORMER: 700/5 (65MM RING) CL1	2
20.12.	2M021	CURRENT TRANSFORMER: 800/5 (65MM RING) CL1	2
20.13.	2M022	CURRENT TRANSFORMER: 1000/5 (65MM RING) CL1	2

Signature		Name (print)	
Capacity		Date	
Name of firm			



20. MBD 7.1. – CONTRACT FORM - PURCHASE OF GOODS/WORKS

NB:

1. This form must be completed in duplicate by both the successful bidder (Part 1) and the purchaser (Part 2). The form must be signed in the original so that the successful bidder and the purchaser will be in possession of a signed contracts for their respective records.
2. NO correction fluid/tape may be used.
3. In the event of a mistake having been made, it shall be crossed out in ink and be accompanied by an initial at each and every alteration.

PART 1 (To be completed by the BIDDER)

1. I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to **OVERSTRAND MUNICIPALITY** in accordance with the requirements and specifications stipulated in bid number **SC2203/2021**: at the price(s) as per pricing schedule.
2. My offer(s) remain(s) binding upon me and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.
3. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Bidding documents, viz
 1. Invitation to bid
 2. Tax clearance certificate
 3. Pricing schedule(s)
 4. Technical Specification(s)
 5. Preference claims in terms of the Preferential Procurement Regulations 2017
 6. Declaration of interest
 7. Special Conditions of Contract; and
 - (ii) General Conditions of Contract.
4. 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.
5. 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.
6. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
7. I confirm that I am duly authorised to sign this contract.

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			
WITNESS 1:		WITNESS 2:	
DATE:			



CONTRACT FORM - PURCHASE OF GOODS/WORKS

PART 2 (To be completed by OVERSTRAND MUNICIPALITY)

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

FOR OFFICIAL USE ONLY

SIGNED AT _____ on this _____ day of _____ 20_____.

TO BE COMPLETED BY THE OVERSTRAND MUNICIPALITY		
SIGNATURE:		OFFICIAL STAMP:
NAME (PRINT):		
WITNESS 1:		
WITNESS 2:		

21. DECLARATION BY TENDERER

I / We acknowledge that I / we am / are fully acquainted with the contents of the conditions of tender of this tender document and that I / we accept the conditions in all respects.

I / We agree that the laws of the Republic of South Africa shall be applicable to the contract resulting from the acceptance of *my / our tender and that I / we elect *domicillium citandi et executandi* (physical address at which legal proceedings may be instituted) in the Republic at:

I / We accept full responsibility for the proper execution and fulfillment of all obligations and conditions devolving in me / us under this agreement as the principal liable for the due fulfillment of this contract.

I / We furthermore confirm I / we satisfied myself / ourselves as to the corrections and validity of my / our tender; that the price quoted cover all the work / items specified in the tender documents and that the price(s) cover all my / our obligations under a resulting contract and that I / we accept that any mistake(s) regarding price and calculations will be at my / our risk.

I / We furthermore confirm that my / our offer remains binding upon me / us and open for acceptance by the Purchases / Employer during the validity period indicated and calculated from the closing date of the bid.

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			
WITNESS 1		WITNESS 2	



PART C – DATABASE REGISTRATION

A	If you are a bidder, DULY REGISTERED as a Preferred Supplier on the Supply Chain Management Database of the Overstrand Municipality, COMPLETE THIS SECTION		
SCM DATABASE REGISTRATION NUMBER		SC	
NAME OF FIRM			
SIGNATURE		CAPACITY	
NAME (PRINT)			

B	If you are a bidder, NOT DULY REGISTERED as a Preferred Supplier on the Supply Chain Management Database of the Overstrand Municipality, it is compulsory to complete and attach the following forms:
1	Database Registration Form
2	Questionnaire For Preferential Procurement Policy
3	Declaration By Supplier
4	National Small Business Act No. 102 Of 1996 Classification
5	Documents Required
6	Nature Of Operations, Products Or Services
7	Credit Order Instruction



FOR OFFICE USE ONLY

FORMS REMOVED & HANDED TO DATABASE OFFICIAL					
1	Database Registration Form	Yes		No	
2	Questionnaire For Preferential Procurement Policy	Yes		No	
2.1	BBBEE Certificate / Letter from Auditor				
3	Declaration By Supplier	Yes		No	
4	National Small Business Act No. 102 Of 1996 Classification	Yes		No	
5	Nature Of Operations, Products Or Services	Yes		No	
6	Credit Order Instruction	Yes		No	
7	Documents Required:				
7.1	Copy of Company Registration Documentation	Yes		No	
7.2	Tax Clearance Certificate	Yes		No	
7.3	PAYE	Yes		No	
7.4	UIF Certificate / proof	Yes		No	
7.5	WCA Certificate / Letter of Good Standing	Yes		No	
7.6	Copies of ID documents of Directors / Members / Shareholders / Partners.	Yes		No	
8.	LIST ANY OTHER FORMS REMOVED AND SUBMITTED TO DATABASE OFFICIAL:				
<i>I confirm that I have removed the forms as indicated above from the tender document and forwarded it to the Supplier Database Official</i>					
	Removed	Checked			
Print Name					
Signature					
Date					

PREFERENTIAL PROCUREMENT REGULATIONS 2017

1. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

1.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

- 1.2 Bidders who qualify as EMEs in terms of the B-BBEE Act must submit a certificate issued by an Accounting Officer as contemplated in the CCA or a Verification Agency accredited by SANAS or a Registered Auditor. Registered auditors do not need to meet the prerequisite for IRBA's approval for the purpose of conducting verification and issuing EMEs with B-BBEE Status Level Certificates.
- 1.3 Bidders other than EMEs must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS.
- 1.4 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- 1.5 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.
- 1.6 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.
- 1.7 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- 1.8 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

2 BID DECLARATION

2.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

2.1.1 B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.3.1.2 AND 5.1	
2.1.1.1 B-BBEE Status Level of Contribution as reflected on the B-BBEE Certificate	
2.1.1.2 Points claimed in respect of Level of Contribution (maximum of 10 or 20 points)	

(Points claimed in respect of paragraph 6.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA).

3	Persentasie aandeelhouing van persone geklassifiseer as jeug . (18 – 35 Jaar oud) / Percentage of shareholding of persons in the business classified as youth . (18 – 35 Years old) / Ipersenti labantu abanezabelo kwinkonzo zoshishino ababizwa ngokuba lulutsha (18 – 35 Yeminyaka)	%
4	Is u besigheid geleë binne die jurisdiksie van die munisipaliteit ? Is your business established within the area of jurisdiction of the Municipality?	In/Ngaphakathi
	Ingaba ishishini lakho limi kwingingqi elawulwa nguMasipala wesithili?	Uit/Out/Ngaphandle

Hiermee sertifiseer ek/ons die ondergetekende en die getuienisse dat bogenoemde inligting korrek is. / I/We hereby certify that the abovementioned information is correct signed by myself/ourselves and the witnesses. / Mna/Thina siqinisekisa ukuba ezi nkukacha zingasentla zilungile kwaye zisayinwe ndim/sithi kunye namangqina

Handtekening / Signature / Osayinileyo	Getuie / As Witness / Njengengqina



DECLARATION BY SUPPLIER

1. This document serves as a declaration to be used by the municipality 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. No Registration will be accepted from persons in the service of the state*.

2.(a) Any prospective supplier, having a kinship with persons in the service of the state, including a blood relationship, may in terms of current legislation register on the Municipality's Database. In view of possible allegations of favouritism, should a resulting bid, or part thereof, be awarded to suppliers connected with or related to persons in the service of the state, it is required that the supplier or his/her authorised representative declare their position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her interest.

2.(b) The request for registration on the Municipality's database may be rejected if the supplier, or any of its directors/members/partners have:

- (i) abused the municipality's supply chain management system or committed any improper conduct in relation to such system;
- (ii) been convicted for fraud or corruption during the past five years;
- (iii) willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years;
- (iv) being a person whose tax matters are not cleared by the South African Revenue Services; or
- (v) 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).

3.	In order to give effect to the above, the following questionnaire must be completed and signed before a Commissioner of Oaths.			
3.1	Print full Name:			
3.2	Company/CC Registration or ID Number:			
3.3	Are you presently <i>in the service of the state</i> ? *	YES	NO	
3.3.1	If so, furnish particulars.			
3.4	Have you been <i>in the service of the state</i> for the past twelve months?	YES	NO	
3.4.1	If so, furnish particulars.			
3.5	Do you, have any relationship (family, friend, other) with persons <i>in the service of the state</i> and who may be involved with the evaluation and or adjudication of any prospective bid?	YES	NO	
3.5.1	If so, furnish particulars.			
3.6	Are you, aware of any relationship (family, friend, other) between a supplier and any persons <i>in the service of the state</i> who may be involved with the evaluation and or adjudication of any bid?	YES	NO	
3.6.1	If so, furnish particulars.			
3.7	Are any of your company's directors, managers, principle shareholders or stakeholders <i>in the service of the state</i> ?	YES	NO	
3.7.1	If so, furnish particulars.			
3.8	Is any spouse, child or parent of your company's directors, managers, principle shareholders or stakeholders <i>in the service of the state</i> ?	YES	NO	
3.8.1	If so, furnish particulars.			
3.9	Is the supplier or any of its directors/partners listed on the National Treasury's database as a company or person prohibited from doing business with the public sector?	YES	NO	
3.9.1	If so, furnish particulars.			



3.10	Is the supplier 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)?	YES		NO	
3.10.1	If so, furnish particulars.				
3.11	Was the supplier 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	
3.11.1	If so, furnish particulars.				
3.12	Does the supplier 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	
3.12.1	If so, furnish particulars.				
3.13	Was any contract between the supplier 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	
3.13.1	If so, furnish particulars.				

CERTIFICATION

I, the undersigned, _____, certify that the information furnished on this declaration form is correct. I accept that the state may act against me should this declaration prove to be false.

Signature	Position	Date

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

- (a) a member of –
 - (i) any municipal council;
 - (ii) any provincial legislature; or
 - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

COMMISSIONER OF OATHS

Signed and sworn to before me at _____, on this _____ day of _____ 20____

by the Deponent, who has acknowledged that he/she knows and understands the contents of this Affidavit, 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:-

Position: _____

Address: _____

Tel: _____

Apply official stamp of authority on this page:



MBD 15 – CERTIFICATE FOR PAYMENT OF MUNICIPAL SERVICES

DECLARATION IN TERMS OF PARAGRAPH 38(1)(d)(i) OF SUPPLY CHAIN MANAGEMENT POLICY OF THE OVERSTRAND MUNICIPALITY (To be signed in the presence of a Commissioner of Oaths)

DECLARATION IN TERMS OF PARAGRAPH 38(1)(d)(i) OF SUPPLY CHAIN MANAGEMENT POLICY OF THE OVERSTRAND MUNICIPALITY (To be signed in the presence of a Commissioner of Oaths)

I, _____, _____ (full name and ID no.), hereby acknowledge that according to SCM Regulation 38(1)(d)(i), the Municipality may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the Tenderer or any of its directors/members/partners to the Overstrand Municipality, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months.

I declare that I am duly authorised to act on behalf of _____ (name of the firm) and hereby declare, that to the best of my personal knowledge, neither the firm nor any director/member/partner of said firm is in arrears on any of its municipal accounts with any municipality in the Republic of South Africa, for a period longer than 3 (three) months.

I further hereby certify that the information set out in this schedule and/or attachment(s) hereto is true and correct. The Tenderer acknowledges that failure to properly and truthfully complete this schedule may result in the tender being disqualified, and/or in the event that the tenderer is successful, the cancellation of the contract.

PHYSICAL BUSINESS ADDRESS(ES) OF THE TENDERER	MUNICIPAL ACCOUNT NUMBER

FURTHER DETAILS OF THE BIDDER'S Director / Shareholder / Partners, etc.:

Director / Shareholder / partner	Physical address of the Business	Municipal Account number(s)	Physical residential address of the Director / shareholder / partner	Municipal Account number(s)

NB: Please attach certified copy(ies) of ID document(s)

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

Signature	Position	Date

<p align="center">COMMISSIONER OF OATHS</p> <p>Signed and sworn to before me at _____, on this _____ day of _____ 20__</p> <p>by the Deponent, who has acknowledged that he/she knows and understands the contents of this Affidavit, 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.</p> <p>COMMISSIONER OF OATHS:-</p> <p>Position: _____</p> <p>Address: _____</p> <p>Tel: _____</p>	<p>Apply official stamp of authority on this page:</p>
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National Small Business Act No. 102 of 1996 Classification

1. Indicate your Economic Sector - Give full description in 1.4 on page 1		2. Indicate the size of your Business if the National Small Business Act applies to your enterprise.				
Sector or sub-sectors in accordance with the Standard Industrial Classification		Size of class	Total full-time equivalent of paid employees	Total annual turnover	Total gross asset value (fixed property excluded)	Indicate the category of your business
Please indicate your Sector "X"			Less than:	Less than:	Less than:	"X"
All Tiers of Government 00001 - 09999		Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Agriculture 11001 - 14999		Medium	100	R 5 m	R 5 m	
		Small	50	R 3 m	R 3 m	
		Very small	10	R 0.50 m	R 0.50 m	
		Micro	5	R 0.20 m	R 0.10 m	
Mining and Quarrying 21001 - 29999		Medium	200	R 39 m	R 23 m	
		Small	50	R 10 m	R 6 m	
		Very small	20	R 4 m	R 2 m	
		Micro	5	R 0.20 m	R 0.10 m	
Manufacturing 30001 - 39999		Medium	200	R 51 m	R 19 m	
		Small	50	R 13 m	R 5 m	
		Very small	20	R 5 m	R 2 m	
		Micro	5	R 0.20 m	R 0.10 m	
Electricity, Gas and Water 41001 - 42999		Medium	200	R 51 m	R 19 m	
		Small	50	R 13 m	R 5 m	
		Very small	20	R 5.10 m	R 1.90 m	
		Micro	5	R 0.20 m	R 0.10 m	
Construction 50001 - 50999		Medium	200	R 26 m	R 5 m	
		Small	50	R 6 m	R 1 m	
		Very small	20	R 3 m	R 0.50 m	
		Micro	5	R 0.20 m	R 0.10 m	
Wholesale Trade, Commercial Agents and Allied Services 58001 - 61999		Medium	200	R 64 m	R 10 m	
		Small	50	R 32 m	R 5 m	
		Very small	20	R 6 m	R 0.60 m	
		Micro	5	R 0.20 m	R 0.10 m	
Retail and Motor Trade and Repair Services 62101 - 63500		Medium	200	R 39 m	R 6 m	
		Small	50	R 19 m	R 3 m	
		Very small	20	R 4 m	R 0.60 m	
		Micro	5	R 0.20 m	R 0.10 m	
Catering, Accommodation and other Trade 64101 - 64299		Medium	200	R 13 m	R 3 m	
		Small	50	R 6 m	R 1 m	
		Very small	20	R 1.50 m	R 0.90 m	
		Micro	5	R 0.20 m	R 0.10 m	
Transport, Storage and Communications 71001 - 75999		Medium	200	R 26 m	R 6 m	
		Small	50	R 13 m	R 3 m	
		Very small	20	R 3 m	R 0.60 m	
		Micro	5	R 0.20 m	R 0.10 m	
Finance and Business Services 81001 - 88999		Medium	200	R 26 m	R 5 m	
		Small	50	R 13 m	R 3 m	
		Very small	20	R 3 m	R 0.50 m	
		Micro	5	R 0.20 m	R 0.10 m	
Community, Social and Personal Services 91001 - 99999		Medium	200	R 13 m	R 6 m	
		Small	50	R 6 m	R 3 m	
		Very small	20	R 1 m	R 0.60 m	
		Micro	5	R 0.20 m	R 0.10 m	



NATURE OF OPERATIONS, PRODUCTS OR SERVICES

Please list the products/services provided by your enterprise under the appropriate headings. Indicate the PRIMARY and/or SECONDARY function applicable to your business by ticking the appropriate box and (i.e. nature of operations, products or services):

PRIMARY FUNCTION:		SECONDARY FUNCTION:	
PRODUCTS	<input type="checkbox"/>	PRODUCTS	<input type="checkbox"/>
SERVICES	<input type="checkbox"/>	SERVICES	<input type="checkbox"/>
LABOUR	<input type="checkbox"/>	LABOUR	<input type="checkbox"/>
EQUIPMENT	<input type="checkbox"/>	EQUIPMENT	<input type="checkbox"/>



KREDIETBEVEL INSTRUKSIE / CREDIT ORDER INSTRUCTION / UMYALELO NGOTYALO MALI

Dit is die Overstrand Munisipaliteit se beleid om alle krediteure deur middel van direkte bankoorplasinge te vereffen. Verskaf meegaande inligting en verkry asb. U bankiers se bevestiging.	It is the policy of the Overstrand Municipality to pay all creditors by means of direct bank transfers. Please complete this information and acquire your banker's confirmation.	Yinkqubo kaMasipala waseOverstrand ukuhlawula abo kufuneka bebahlawule ngokufaka imali ebhankini.Nceda ke ngoko uzalise olu xwebhu lungezantsi ngeenkukacha zakho ucele ibhanki yakho ukuba yenze isiqinisekiso sezi nkukacha.
--	--	--

BESONDERHEDE VAN FIRMA/INSTANSIE / DETAILS OF FIRM/INSTITUTION / IINKCUKACHA ZEFEMU/IZIKO:												
Naam / Name / Igama												
Adres / Address / Idilesi												

BESONDERHEDE VAN MY/ONS BANKREKENING IS AS VOLG / DETAILS OF MY/OUR BANK ACCOUNT ARE AS FOLLOWS / IINKCUKACHA ZEBHANKI YAM ZIMI NGOLU HLOBO:												
NAAM VAN BANK / NAME OF BANK / IGAMA LEBHANKI												
NAAM VAN TAK / NAME OF BRANCH / IGAMA LESEBE LEBHANKI												
REKENING NR / ACCOUNT NO / INOMBOLO YE_AKHAWUNTI												
TAKKODE / BRANCH CODE / IKHOWUDI YESEBE												
TIPE REKENING / TYPE OF ACCOUNT / UHLOBO LWE_AKHAWUNTI												

1 =	Tjekrekening Cheque Account I-akhawunti yetshekhi	2 =	Transmissierekening Transmission Account I-akhawunti vokuqithisela	3 =	Soaarrekening Savings Account I-akhawunti vemali eqciniweyo
4 =	Verbandrekening Bond Account I-akhawunti yebhondi	5 =	(Nie in gebruik) (Not in use) Avisetvenziswa	6 =	Subskripsieaandeelrekening Subscription Share Account I-akhawunti vomrhumo wezabelo

Ek/ons versoek en magtig hiermee die Overstrand Munisipaliteit om enige bedrae wat my/ons mag toeval, in my/ons bankrekening te krediteer. Ek/ons verstaan dat 'n betalingsadvies deur die Overstrand Munisipaliteit in die normale wyse verskaf sal word wat die datum sal aantoon wanneer die fondse beskikbaar sal wees, asook besonderhede van die betaling. Ek/ons onderneem verder om die Overstrand Munisipaliteit vroegetydig in kennis te stel van enige verandering in my/ons bankbesonderhede en erken dat hierdie magtiging slegs deur my/ons met dertig dae kennis gekanselleer kan word deur middel van voorafbetalde geregistreerde pos.	I/we hereby request and authorise the Overstrand Municipality to pay any amounts that may accrue to me/us to the credit of my/our bank account. I/we understand that a payment advice will be supplied by the Overstrand Municipality in the normal way that will indicate the date on which funds will be available in my/our bank account and details of payment. I/we further undertake to inform the Overstrand Municipality in advance of any change in my/our bank details and accept that this authority may only be cancelled by me/us by giving thirty days' notice by prepaid registered post.	Mna/Thina sicela/sigunyazisa uMasipala waseOverstrand ukuba ahlawule yonke imali eziimfanelo zam/zethu kwi-akhawunti yebhanki yam/yethu. Ndi/Siyaqonda ukuba isiqinisekiso semali ehlawulwe ngumasipala siza kufumaneka kwaye eso siqinisekiso siza kubonisa umhla ekuhlawulwe ngawo kunye nezinye iinkcukacha zentlawulo. Ndi/Siya kumazisa umasipala xa iinkcukacha zebhanki yam/zethu zitshintshile kwaye ndiza/siza kubanika isaziso seentsuku ezingama-30 ndisi/sisthumele ngeleta erejistarishiweyo.
---	--	--

GEMAGTIGDE HANDTEKENING / AUTHORISED SIGNATURE / USAYINO OLUGUNYAZISIWEYO	
VOORLETTERS EN VAN / INITIALS AND SURNAME / OONOBUMBA BOKUQALA BEGAMA KUNYE NEFANI	
TELEFOONNOMMER / TELEPHONE NUMBER / INOMBOLO YEFOWUNI	DATUM / DATE / UMHLA

VIR BANKGEBRUIK ALLEENLIK / FOR BANK USE ONLY / KUSETYENZISWA YIBHANKI KUPHELA	
I/WE HEREBY CERTIFY THAT THE DETAILS OF OUR CLIENTS BANK ACCOUNT AS INDICATED ON THE CREDIT ORDER INSTRUCTION IS CORRECT: _____ NAME & SURNAME OF BANK OFFICIAL (PRINT NAME) _____ SIGNATURE OF A BANK OFFICIAL	OFFICIAL DATE STAMP OF BANKING INSTITUTION



DOCUMENTS REQUIRED

DOCUMENTS REQUIRED	SOLE PROPRIETOR	CC'S AND PRIVATE COMPANIES	PARTNER-SHIPS	PUBLIC COMPANY	BUSINESS TRUST	NON PROFIT ORGANIZATIONS (NPO)	WHERE TO GET DOCUMENTS
COMPANY REGISTRATION CERTIFIED COPIES	N/A	Certificate of incorporation CK1/CK2	Partnership agreement	Certificate of Incorporation CM3	Trust agreement	Certificate of Incorporation Section 21	Registrar of CC's & Companies
PROOF OF OWNERSHIP CERTIFIED COPIES	N/A	Shareholding CK1/CK2	Partnership agreement	Shareholding CM3	Trustees details: Letter of Authority	Auditor's letter no shareholding	Registrar of CC'S & Companies
PROOF OF BANKING	Bank statement/ cancelled cheque	Bank statement/ cancelled cheque	Bank statement/ cancelled cheque	Bank statement/ cancelled cheque	Bank statement/ cancelled cheque	Bank statement/ cancelled cheque	Branch of bank at which Account is.
TAX CLEARANCE CERTIFICATE	For the Owner or the business	For the company / cc	For each individual shareholder	For the company	For the trust	For the NPO	SARS
P.A.Y.E	If staff are employed	If staff are employed	If staff are employed	If staff are employed	If staff are employed	If staff are employed	SARS
VAT REGISTRATION	Yes	Yes	Yes	Yes	Yes	Yes	SARS
U.I.F Certificate	YES	YES, if staff remuneration	YES, if staff remuneration	YES, if staff remuneration	YES, if staff remuneration	YES, if staff remuneration	Department of Labour
Workman's Compensation	YES, if staff remuneration	YES, if staff remuneration	YES, if staff remuneration	YES, if staff remuneration	YES, if staff remuneration	YES, if staff remuneration	Department of Labour
Security Officer's Board	If applicable -for security industry	If applicable -for security industry	If applicable -for security industry	If applicable -for security industry	If applicable -for security industry	If applicable - For security industry	Security Service Regulatory Authority
Proof of Disability	If owner is disabled	If Shareholder is disable	If Shareholder is disabled	If Is Shareholder is disable	If Shareholder is disable	If Shareholder is disabled	
Proof of Identity CERTIFIED	Owner	Directors / Members	Partners	Directors	Trustees	Directors	

FOR OFFICE USE ONLY:

BUSINESS NAME			
DATE RECEIVED		DATE CAPTURED	
ACCEPTED			
DATABASE REGISTRATION NUMBER			