



BERGRIVIER MUNICIPALITY

TENDER NO: 8/3/46-2025 (MN249-2025)

**PROVISION OF LABOUR FOR VARIOUS CAPITAL AND OPERATIONAL PROJECT WORKS
FOR BERGRIVIER MUNICIPALITY FROM DATE OF APPOINTMENT UNTIL 30 JUNE 2027**

PROCUREMENT DOCUMENT

NAME OF TENDERER:			
Total Bid Price (Inclusive of VAT)			
B-BBEE LEVEL			
MUNICIPAL AREA:			
PLEASE REFER TO PAGE 126 AND TICK AS APPROPRIATE: SMME	MICRO	SMALL	MEDIUM

NOVEMBER 2025

PREPARED AND ISSUED BY:

Directorate: Finance:
Supply Chain Management Unit
Bergrivier Municipality,
PO Box 60 Piketberg 7320
Tel no.: (022) 913 6000

**CONTACT FOR ENQUIRIES
REGARDING SPECIFICATIONS:**

Mr. Jan Erasmus
Manager: Electrical Engineering Services

Tel (W): 022 913 6000
Email: erasmusj@bergmun.org.za



BERGRIVIER MUNICIPALITY

T 8/3/46-2025 MN249-2025 PROVISION OF LABOUR FOR VARIOUS CAPITAL AND OPERATIONAL PROJECT WORKS FOR BERGRIVIER MUNICIPALITY FROM DATE OF APPOINTMENT UNTIL 30 JUNE 2027

TENDERS are hereby invited from service providers for the provision of labour for various capital and operational project works for Bergrivier Municipality from date of appointment until 30 June 2027, as set out in the specifications. **Bidders must have an estimated CIDB grading of 1ME or 1EB and should provide valid proof thereof.**

Bids, in sealed envelopes, clearly marked **"Tender No 8/3/46-2025 / MN249-2025: Provision of labour for various capital and operational project works for Bergrivier Municipality from date of appointment until 30 June 2027"**, must be placed in the tender box at the Municipal Offices, 13 Kerk Street, Piketberg no later than **12:00 on Monday, 15 December 2025**, when the bids will be opened in public. **Bids addressed to any municipal official in his/her personal capacity will not be considered and will immediately be disqualified. It is the bidder's responsibility to make sure that bids are being placed in the tender box by courier companies. The Municipality will not be held accountable for any bids not being placed in the tender box by courier companies.**

Tender documents and specifications that contain the minimum requirements are available on Bergrivier Municipality's website (www.bergmun.org.za) free of charge, or a hard copy on request at a **non-refundable fee of R70.00** from Mr. Coellin Julius at tel. no. (022) 913 6000 or email: juliusc@bergmun.org.za during office hours. All technical enquiries can be addressed to Mr. Jan Erasmus at tel. no. (022) 913 6000 or e-mail: erasmusj@bergmun.org.za.

Tenders must be valid and binding for one hundred and twenty (120) days after closing date.

A compulsory clarification meeting will be held on Tuesday, 25 November 2025 at 11h00, at the Bergrivier Municipal Offices, 13 Kerk Street in Piketberg, 7320. Doors will be closing promptly at 11h00 and no entry allowed after specified time.

Bids will be evaluated using the Council's Supply Chain Management Policy. It is therefore compulsory that the Preference Point Claim form for the Preferential Procurement Regulations is completed in full to make application for preference points of **80 points for price, 10 points for specific participation goals and 10 points for BBBEE. The Bid price must be VAT inclusive.**

Bidders must be registered as a prospective supplier on National Treasury's Central Supplier Database (CSD). The Tax Clearance Certificate/ Tax Compliance Status (TCS) Pin/ Centralised Suppliers Database (CSD) Registration Number must be submitted together with the bid. Failure to submit a Tax Clearance Certificate/TCS Pin/CSD registration number may result in the invalidation of the bid.

Only bids completed in **black** ink on the original Bid documentation will be accepted. Late, incomplete or Bids submitted by facsimile or email will not be accepted. Proof of submitting a Bid will not be accepted as proof of the Bid having been received. The Municipality is not obliged to accept the lowest or any Bid submitted to it. The Municipality reserves the right to accept any Bid in full or in part. If prices offered are cost effective Council reserves the right to procure more items to take financial advantage thereof.

**MUNICIPAL OFFICES
13 CHURCH STREET
PIKETBERG
7320**

**ADV. HANLIE LINDE
MUNICIPAL MANAGER**

MN249-2025

14 November 2025



BERGRIVIER MUNICIPALITY

T 8/3/46-2025 MK249-2025 VOORSIENING VAN ARBEID VIR VERSKEIE KAPITALE EN OPERASIONELE PROJEKWERKE VIR BERGRIVIER MUNISIPALITEIT VANAF AANSTELLINGSDATUM TOT 30 JUNIE 2027

TENDERS word hiermee aangevra vanaf diensverskaffers vir die voorsiening van arbeid vir verskeie kapitale en operasionele projekwerke vir Bergrivier Munisipaliteit vanaf aanstellingsdatum tot 30 Junie 2027, soos uiteengesit in die spesifikasies. **Tenderaars moet oor 'n CIDB gradering van 1ME of 1EB beskik of hoër en 'n geldige bewys daarvan kan lewer.**

Tenders, in verseelde koeverte en duidelik buite-op gemerk "**Tender 8/3/46-2025 / MK249-2025: Voorsiening van arbeid vir verskeie kapitale en operasionele projekwerke vir Bergrivier Munisipaliteit vanaf aanstellingsdatum tot 30 Junie 2027**", moet in die tenderbus by die Munisipale Kantore, Kerkstraat 13, Piketberg geplaas word teen nie later as **12:00** op **Maandag, 15 Desember 2025**, waarna tenders in die openbaar oopgemaak sal word. 'n **Bod dokument wat aan enige munisipale amptenaar in sy/haar persoonlike hoedanigheid gerig word, sal nie oorweeg word nie en sal onmiddellik gediskwalifiseer word.** Dit is die diensverskaffer se verantwoordelikheid om seker te maak dat 'n Bod dokument deur die koerier maatskappye in die tenderbus geplaas word. Die Munisipaliteit sal nie aanspreeklik gehou word vir enige Bod dokument wat nie deur die koerier maatskappye in die tenderbus geplaas word nie.

Tender dokumente en spesifikasies is verkrygbaar op Bergrivier Munisipaliteit se webtuiste (www.bergmun.org.za) teen geen tenderfooj, of 'n harde kopie verkrygbaar teen 'n **nie-terugbetaalbare tenderfooj van R70.00** by Mnr. Coellin Julius by tel. no. (022) 913 6000 of e-pos: juliusc@bergmun.org.za, gedurende kantoorure. Alle tegniese navrae moet gerig word aan Mnr. Jan Erasmus by tel. no. (022) 913 6000 of e-pos: erasmusj@bergmun.co.za.

Tenders moet geldig en bindend wees vir een honderd en twintig (**120**) dae na sluitingsdatum.

n Verpligte terreinvergadering is geskeduleer vir Dinsdag, 25 November 2025 om 11h00, by die Bergrivier Munisipale Kantore, 13 Kerk straat, Piketberg, 7320. Deure sal sluit 11h00 and toegang gaan geweier word na die spesifieke tyd.

Tenders sal geëvalueer word ingevolge die Raad se Voorsieningskanaalbestuursbeleid, 80/20-punte stelsel. Dit is dus verpligtend om die Voorkeurverkrygingsvorm te voltooi om te kwalifiseer vir enige **voorkeerpunte van 80 punte vir prys, 10 punte vir spesifieke deelname doelwitte en 10 punte vir BBBEE. Pryse moet BTW insluit.**

Verskaffers moet geregistreer wees as 'n voornemende verskaffer op Nasionale Tesourie se Sentrale Databasis (SDB). Die Belastinguitklaringsertifikaat / Belasting ooreenstemmende status Pin / Sentrale verskaffersdatabasis (SDB) nommer (MAAA....), moet saam met die tenderdokument ingedien word. Nie-nakoming hiervan sal die uitslag van die tender ongeldig verklaar.

Slegs tenders wat in **swart** ink voltooi is op die oorspronklike dokumentasie sal aanvaar word. Laat, onvolledige of tenders ontvang per faks of e-pos, sal nie aanvaar word nie. Bewys van versending van 'n tender sal nie as bewys van ontvangs van 'n tender gesien word nie. Die Raad is nie verplig om die laagste of enige tender te aanvaar nie. Die Raad behou die reg voor om enige tender of gedeelte daarvan te aanvaar. Indien goeie pryse vir items ontvang word kan Raad die hoeveelhede aanpas om voordeel daaruit te trek.

**MUNISIPALE KANTORE
KERKSTRAAT 13
PIKETBERG
7320**

**ADV. HANLIE LINDE
MUNISIPALE BESTUURDER**

MK249-2025

14 November 2025



BERGRIVIER MUNICIPALITY

TENDER DETAILS					
TENDER NUMBER:	TENDER 8/3/46-2025 MN249-2025				
TENDER TITLE:	PROVISION OF LABOUR FOR VARIOUS CAPITAL AND OPERATIONAL PROJECT WORKS FOR BERGRIVIER MUNICIPALITY FROM DATE OF APPOINTMENT UNTIL 30 JUNE 2027				
CLOSING DATE:	15 DECEMBER 2025	CLOSING TIME:	12h00		
SITE MEETING:	DATE: 25 NOV 2025	TIME:	11h00	COMPULSORY:	YES
SITE MEETING ADDRESS:	Bergrivier Municipal Offices, 13 Kerk Street in Piketberg, 7320				
<i>NB: Please note that no latecomers will be allowed.</i>					
<i>For all compulsory briefing sessions/site meetings/clarification meetings, bids received from interested bidders that did not attend the meeting or arrived later than predetermined date and time, will be disqualified</i>					
CIDB GRADING REQUIRED:	YES	LEVEL AND CATEGORY:	1ME or 1EB		
BID BOX:	SITUATED AT: BERGRIVIER Municipal Building, 13 Church Street, BERGRIVIER. The bid box is generally open 24 hours a day, 7 days a week.				
OFFER TO BE VALID FOR:	120 DAYS	DAYS FROM THE CLOSING DATE OF BID.			

TENDERER DETAILS (Please indicate postal address for all correspondence relevant to this specific tender)			
NAME OF TENDERER:			
NAME OF CONTACT PERSON:	CELL PHONE NO:		
PHYSICAL ADDRESS:		POSTAL ADDRESS:	
TELEPHONE #:		FAX NO.	
E-MAIL ADDRESS:			

DATE:	
SIGNATURE OF TENDERER:	
CAPACITY UNDER WHICH THIS BID IS SIGNED:	

PLEASE NOTE:	
1.	Tenders that are deposited in the incorrect box will not be considered.
2.	Mailed, telegraphic or faxed tenders will not be accepted.
3.	If the bid is late, it will not be accepted for consideration.
4.	Bids may only be submitted on the Bid Documentation provided by the Municipality.
5.	All figures & signatures must be completed in an original format

ENQUIRIES MAY BE DIRECTED TO:	CONTACT PERSON	TEL. NUMBER	EMAIL ADDRESS
1. TECHNICAL ENQUIRIES	Mr. Jan Erasmus	022 913 6000	erasmusj@bergmun.org.za
2. ENQUIRIES REGARDING BID PROCEDURES & COMPLETION OF BID DOCUMENTS	Mr. Coellin Julius	022 913 6121	juliusc@bergmun.org.za



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



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1. 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:

Authority to Sign a Bid - Is the form duly completed and is a certified copy of the resolution attached?	Yes	No
Tax Clearance Certificate -VALID Tax Clearance Certificate attached/ Tax compliance pin?	Yes	No
MBD 4 (Declaration of Interest) - Is the form duly completed and signed?	Yes	No
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
MBD 8 (Declaration of Past Supply Chain Practices) - Is the form duly completed and signed?	Yes	No
MBD 9 (Certificate of Independent Bid Determination) - Is the form duly completed and signed?	Yes	No
MBD 10 (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? Are copies of these municipal accounts attached?	Yes	No
OHSA (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
Form of Indemnity - Is the form duly completed and signed?	Yes	No
Pricing Schedule - Is the form duly completed and signed?	Yes	No
Form of Offer - Is the form duly completed and signed?	Yes	No
Declaration by Tenderer - Is the form duly completed and signed?	Yes	No

By submitting an offer as well as participating in SCM processes I hereby warrant that I provide my information voluntarily, for the purposes of participating in this procurement process, and that I understand that this information will be processed, stored and even shared with third parties, if and when required, including for adjudication, verification and auditing purposes, and hereby, with my signature provide my consent to that effect.

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			

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2. AUTHORITY TO SIGN A BID

1. SOLE PROPRIETOR (SINGLE OWNER BUSINESS) AND NATURAL PERSON

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

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

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

2. COMPANIES AND CLOSE CORPORATIONS

2.1. If a Bidder is a **COMPANY**, 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

2.2. 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**.

PARTICULARS OF RESOLUTION BY BOARD OF DIRECTORS OF THE COMPANY/MEMBERS OF THE CC

Date Resolution was taken			
Resolution signed by (name and surname)			
Capacity			
Name and surname of delegated Authorized Signatory			
Capacity			
Specimen Signature			
Full name and surname of ALL Director(s) / Member (s)			
1.		2.	
3.		4.	
5.		6.	
7.		8.	
9.		10.	
Is a CERTIFIED COPY of the resolution attached?		YES	NO
SIGNED ON BEHALF OF COMPANY / CC:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	



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3. 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:	

4. CONSORTIUM

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 tender and any other documents and correspondence in connection with this tender and / or contract for and on behalf of the consortium.

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



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3. CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This returnable schedule is to be completed by JOINT VENTURES

We, the undersigned, are submitting this tender 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 tender offer and any contract resulting from it on our behalf.

(i) Name of firm (Lead partner)			
Address			
		Tel. No.	
Signature		Designation	

(ii) Name of firm			
Address			
		Tel. No.	
Signature		Designation	

(iii) Name of firm			
Address:			
		Tel. No.	
Signature		Designation	

(iv) Name of firm			
Address			
		Tel. No.	
Signature		Designation	

NOTE: A copy of the Joint Venture Agreement showing clearly the percentage contribution of each partner to the Joint Venture, shall be appended to this Schedule.



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4. 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.



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- 1.19. "Manufacture" means the production of products in a factory using labor 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.

4. Standards

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

5. Use of contract documents and information; inspection.

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



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- 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.



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- 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.

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:



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- 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 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



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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.
- These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.
- 23.7. If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

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

25. Force Majeure

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



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- 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.

General Conditions of Contract (revised July 2010)



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5. GENERAL CONDITIONS OF TENDER

1. Sealed tenders, with the **"TENDER NUMBER: 8/3/46-2025 MN249-2025"** clearly endorsed on the envelope, must be deposited in the **TENDER BOX** at the offices of the Bergrivier Municipality, Kerk Street, Piketberg 7320.
2. The tender must be lodged by the Tenderer in the tender box in the Main Entrance, Bergrivier Municipal Offices, Kerk Street, Piketberg 7320.

PLEASE NOTE:

- 2.1. Tenders that are deposited in the incorrect box will not be considered.
- 2.2. Mailed, telegraphic or faxed tenders will not be accepted.
- 2.3. Documents may only be completed in non-erasable ink.
- 2.4. The use of correction fluid/tape is not allowed.
 - 2.4.1. 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.
 - 2.4.2. Alterations or deletions not signed by the Tenderer may render the tender invalid.
- 2.5. All bids must be submitted in writing on the official forms supplied (not to be re-typed)
- 2.6. All prices shall be quoted in South African currency and be **INCLUSIVE of VAT**.
3. **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 insure that provision is made for VAT in these instances.**
 - 3.1 It is a requirement of this contract that the amount of value-added tax (VAT) must be shown clearly on each invoice.
 - 3.2 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 Bergrivier Municipality is **4000 846 172**.
- 3 Any Tender received after the appointed time for the closing of Tenders shall not be considered but shall be filed unopened with the other Tenders received or may be returned to the Tenderer at his request.
- 4 Tenders may not be telefaxed to the Municipality and therefore any tenders received by fax will **not** be considered.
- 5 Tenders shall be opened in public at the Bergrivier Municipal Offices as soon as possible after the closing time for the receipt of tenders. Tenderers are encouraged to attend these openings.
- 6 The Municipality shall have the right to summarily disqualify any Tenderer who, either at the date of submission of this tender or at the date of its award, is indebted to the Municipality in respect of any rental, levies, rates and/or service charges; **ALTERNATIVELY**;
 - 6.1 That an agreement be signed whereby the Tenderer agrees that a percentage or fixed amount at the discretion of the Municipality, be deducted from payments due to him for this tender, until the debt is paid in full.
 - 6.2 The tenderer shall declare **all** the Municipal account numbers in the Bergrivier Area for which the enterprise or the proprietors or directors in their personal capacity is/ are responsible or co-responsible.



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7 This bid will be evaluated and adjudicated according to the following criteria:

- 7.1 Relevant specifications
- 7.2 Value for money
- 7.3 Capability to execute the contract
- 7.4 PPPFA & associated regulations

8 Service Level Agreement

The award of the tender is subject to the signing of a Service Level Agreement (SLA) between the successful bidder and Bergrivier Municipality.

9 Centralised Supplier Database

No Bids will be awarded to a bidder who is not registered on the Centralized Supplier Database (CSD).

The CSD supplier number starting with (MAAA) number is automatically generated by the Central Database System after successful registration and validation of a prospective service provider. This number is now a mandatory requirement, as referred to in regulation 14(1) (b) of the Municipal Supply Chain Management Regulations, as part of the listing criteria for accrediting a prospective service provider. Prospective suppliers should self – register on the CSD website at www.csd.gov.za Registration on the CSD will be compulsory in order to conduct business with the Bergrivier MUNICIPALITY. Registration on CSD can be done by contacting 022 913 6000 Mrs. Revedy-Levern Hendricks

Centralized Supplier Database (CSD) No. MAAA.....



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6. MBD 2 – TAX CLEARANCE CERTIFICATE REQUIREMENTS

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

1. The **Tax Clearance Certificate**/ Tax Compliance Status (**TCS**) Pin/ Centralised Suppliers Database (CSD) Registration Number **must be submitted together with the bid**. Failure to submit a Tax Clearance Certificate/TCS Pin/CSD registration number may result in the invalidation of the bid.

(a) *Tax Compliance Status (TCS) Pin as of 18 April 2016*

- i. In terms of the new Tax Compliance Status System implemented by SARS on 18 April 2016, taxpayers are now able to issue the municipality with a TCS Pin which will be used to verify a bidder's tax status online via SARS E-filing. This option will be used to verify the status of the service provider (which should be active or compliant) and will determine if the offer will be further evaluated or omitted, even if the bidder only submitted a TCC as per point 1 above. Service provider's status which is found inactive or non-compliant their offers will be omitted. Bidders who are not in possession of a valid Tax Clearance Certificate must issue the municipality with the following:

Tax Clearance Certificate printed for SARS E-filing	
Tax Reference Number:	
Tax Compliance Status Pin:	

2. In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate, Tax Compliance Status Pin or CSD Registration number
3. Applications for the Tax Clearance Certificates may also be made via e-Filing. In order to use this provision, taxpayers will need to register with SARS as e-Filers through the website www.sars.gov.za.
4. If a bidder is registered on Bergrivier Municipality supplier's database; that contains a tax clearance certificate which is active on closing date of Bid/Formal quotation, it must be indicated as such on this page, whereby the attaching of a new tax clearance certificate to this page will not be required.
6. Non-adherence to point 4 above may invalidate your offer.



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PART B: TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED--(NOT TO BE RE-TYPED) OR ONLINE**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) 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.
- 2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
- 2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO
- 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO
- 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO
- 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO
- 3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? ☐ YES ☐ NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

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

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:



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7. MBD 4 – DECLARATION OF INTEREST

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

¹ 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. an executive member of the accounting authority of any national or provincial public entity; or
- f. an employee of Parliament or a provincial legislature.

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



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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:			
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:			
Name of the spouse/child/parent : ID number of the spouse/child/parent:..... Relationship to the official : Designation of the spouse/child/parent: Employer of the spouse/child/parent :				
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:			



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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 ³ Employee Number

NB: a) PLEASE ATTACH CERTIFIED COPY(IES) OF ID DOCUMENT(S) b) 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			

³ 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. an executive member of the accounting authority of any national or provincial public entity; or
- f. an employee of Parliament or a provincial legislature.

**BERGRIVIER MUNICIPALITY****8. MBD6.1 – PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 – PURCHASES/SERVICES "Insert 80/20 or 90/10"****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, 2022.

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points as well as a summary for preference points claimed for attainment of other specified goals

The Constitution of the Republic of South Africa, 1996, provides in sections 152(1)(c) and 152(2) that local government must promote social and economic development and that the municipality must strive within its financial and administrative capacity, to achieve the objects set out in subsection 152(1).

The Constitution provides in section 217 that an organ of state must contract for goods or services in accordance with a procurement system which is fair, equitable, transparent, competitive, and cost effective and to implement a policy to grant preferences within a framework prescribed by National Legislation.

The Broad-Based Black Economic Empowerment Act, 2003 requires: " (1) Every organ of state and public entity must apply any relevant code of good practice issued in terms of this Act in (b) developing and implementing a preferential procurement policy

The Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000)-[PPPFA] was promulgated by the Minister in response to the Constitutional provision and allow for a Municipality to develop a preferential procurement policy and to implement such policy within the PPPFA framework.

Section 2 (1) (d) (i) and (ii) of the Preferential Procurement Policy Framework Act, 2000 refers to specific goals which may include:

- (i) contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender or disability;
- (ii) implementing the programmes of the Reconstruction and Development Programme (RDP) as published in *Government Gazette* 16085 dated 23 November 1994.

The RDP (1994), as basis for development in South Africa, was meant to provide a holistic, integrated, coherent socio-economic policy that is aimed at mobilizing people and resources to work towards the upliftment of the material and social conditions of local communities to build sustainable livelihoods for these communities.

In terms of Section 2 (1)(d)(ii), the following activities may be regarded as a contribution towards achieving the goals of the RDP, in addition to the awarding of preference points in favour of HDIs (published in *Government Gazette* No. 16085 dated 23 November 1994):

- (i) The promotion of South African owned enterprises;
- (ii) The promotion of export orientated production to create jobs;
- (iii) The promotion of SMMEs;
- (iv) The creation of new jobs or the intensification of labour absorption;
- (v) The promotion of enterprises located in a specific province for work to be done or services



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- to be rendered in that province;
- (vi) The promotion of enterprises located in a specific region for work to be done or services to be rendered in that region;
 - (vii) The promotion of enterprises located in a specific municipal area for work to be done or services to be rendered in that municipal area;
 - (viii) The promotion of enterprises located in rural areas;
 - (ix) The empowerment of the work force by standardizing the level of skill and knowledge of workers;
 - (x) The development of human resources, including by assisting in tertiary and other advanced training programmes, in line with key indicators such as percentage of wage bill spent on education and training and improvement of management skills; and
 - (xi) The upliftment of communities through, but not limited to, housing, transport, schools, infrastructure donations, and charity organisations.

1. GENERAL CONDITIONS

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

- the 80/20 system for requirements with a Rand value of up to R50 000 000; and
- the 90/10 system for requirements with a Rand value above R50 000 000.

1.2 The value of this bid is estimated to exceed/not exceed R50 000 000 and therefore the.....system shall be applicable.

1.3 Preference points for this bid shall be awarded for:

- (a) Price; and
- (b) Specific contract participation goals, as specified below.

1.3.1 The points for this bid are allocated as follows:

POINTS WILL BE ALLOCATED AS FOLLOWS below R50 000 000			
			For office use
POINTS			
PRICE			80
SPECIFIC PARTICIPATION GOALS			
Bergrivier Jurisdiction			10
West Coast jurisdiction			5
Western Cape Province			3
South Africa			2
BBBEE SCORE CARD			
			10
		TOTAL	100



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POINTS WILL BE ALLOCATED AS FOLLOWS above R50 000 000			
		POINTS	For office use
PRICE		90	
SPECIFIC PARTICIPATION GOALS			
Bergrivier Jurisdiction		5	
West Coast jurisdiction		3	
Western Cape Province		2	
South Africa		1	
BBBEE SCORE CARD			
		5	
	TOTAL	100	

- 1.4 Failure on the part of a bidder to fill in and/or to sign this form may be interpreted to mean that preference points are not claimed (B-BBEE TABLE).
- 1.5. 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.
- 1.6. **If you want to claim the specific goals you need to attach the business registration from CIPC, and if you're are a small business/SMME you need to attach the physical address of the business in the form of a municipal account in your personal name or the business name.**
- 1.7. **The Municipality reserves the right to verify the locality as per the Municipal Statement or Lease Agreement provided. Also note that the offices must be operational within the area as stated by the Bidder, if not the locality points cannot be claimed.**
- 1.8. **Please complete your CSD registration number: MAAA.....**

2. GENERAL DEFINITIONS

In this application, unless the context indicates otherwise, any word or expression to which a meaning has been assigned in the Act must bear the meaning so assigned—

"Acceptable Tender" mean any tender which, in all respects, complies with the specification and conditions of tender as set out in tender document

"Black designated groups" has the meaning assigned to it in the codes of good practice issued in terms of section 9 (1) of the BBBEEA.

"Black people" has the meaning assigned to it in section 1 of the BBBEEA.

"Designated group" means black designated groups, black people, women, people with disabilities; or small enterprises which are enterprises, owned, managed, and controlled by previously disadvantaged persons and which is overcoming business impediments arising from the legacy of apartheid.

"Disability" means in respect of a person, a permanent means, in respect of a person, a permanent impairment of a physical, intellectual, or sensory function, which results in restricted, or lack of, ability to perform an activity in the manner, or within the range, considered normal for



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a human being.

“EME” means

(1) exempted micro enterprise in terms of a code of good practice on black economic empowerment issued in terms of a code of good practice on black economic empowerment issued in terms of section 9(1) of the BBBEEA.

(2) an entity with an annual turnover less than R10 000 00.000 (ten million Rand)

“Historically disadvantaged individual (HDI)” means a South African citizen –

(1) who, due to the apartheid policy that had been in place, had no franchise in national elections prior to the introduction of the Constitution of the Republic of South Africa, 1983 (Act No 110 of 1983); and / or

(2) who is a female; and / or

(3) who has a disability:

Provided that a person who obtained South African citizenship on or after the coming to effect of the Interim Constitution, is deemed not to be an HDI.

“highest acceptable tender” means a tender that complies with all specifications and conditions of tender and that has the highest price compared to other tenders;

“lowest acceptable tender” means a tender that complies with all specifications and conditions of tender and that has lowest price compared to other tenders;

“Locality” means the local suppliers and/or service providers that reside within the Municipal area and within the district boundaries.

“Large Enterprises” is a company with an annual turnover in excess of R50 million.

“Market Analysis” means a technique used to identify market characteristics for specific goods or services

“National Treasury” has the meaning assigned to it in section 1 of the Municipal Finance Management Act, 2003 (Act No. 56 of 2003);

“price” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

“Proof of B-BBEE status level of contributor” means the B-BBEE status level certificate issued by an authorized body or person

1) a sworn affidavit as prescribed by the B-BBEE Codes of Good Practice; or

2) any other requirement prescribed in terms of the Broad-Based Black Economic Empowerment Act.

“Qualifying Small Enterprise (QSE)” is a company with a turnover between R10 million and R50 million

“Rand value” means the total estimated value of a contract in Rand, calculated at the time of the tender invitation;

“Region” means the district and/or West Coast District Municipality.

“Rural area” means-

1) a separately populated area in which people farm or depend on natural resources, including villages and small towns that are dispersed through the area; or

2) an area including a large settlement which depends on migratory labour and remittances and government social grants for survival and may have a traditional land tenure system.

“Specific goals” means specific goals as contemplated in section 2(1)(d) of the Act which may include contracting with persons, or categories of persons, historically disadvantaged by unfair discrimination on the basis of race, gender and disability including the implementation of programmes of the Reconstruction and Development Programme as

published in Government Gazette No. 16085 dated 23 November 1994;

“SMME” means small, medium and micro enterprises namely Exempted Micro Enterprises and Qualifying Small Enterprises

“Tender” means a written offer in the form determined by a Municipality in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

“tender for income-generating contracts” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts,

excluding direct sales and disposal of assets through public auctions;

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



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“Youth” has the meaning assigned to it in section 1 of the National Youth Development Agency Act, 2008 (Act No. 54 of 2008).

3. ADJUDICATION USING A POINT SYSTEM

- 3.1 The bidder obtaining the highest number of points will be awarded the contract.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis.
- 3.3 Points scored will be rounded off to 2 decimal places.
- 3.4 In the event of equal points scored, the bid will be awarded to the bidder scoring the highest number of points for specified goals.

FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

POINTS AWARDED FOR PRICE

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

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

80/20

or

90/10

$$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \text{ or } Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$$

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

Pmin = Price of lowest acceptable bid

3.6 POINTS AWARDED FOR PRICE

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

80/20

or

90/10

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

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

Pmax = Price of highest acceptable bid



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4 POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 4.6 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	5	10
2	4	8
3	3	6
4	2	4
5	1	2
6	1	2
7	1	2
8	1	2
Non-compliant contributor	0	0

5. BID DECLARATION

- 5.1 Bidders who claim points in respect of equity ownership must complete the Bid Declaration at the end of this form.

6. DECLARATION WITH REGARD TO EQUITY

6.1 Name of firm :

6.2 VAT registration number :

6.3 Company registration number :

6.4 TYPE OF FIRM

- ☐ Partnership
☐ One person business/sole trader
☐ Close corporation
☐ Company
☐ (Pty) Limited

[TICK APPLICABLE BOX]

6.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....



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6.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
☐ Supplier
☐ Professional service provider
☐ Other service providers, e.g. transporter, etc.
[TICK APPLICABLE BOX]

6.7 MUNICIPAL INFORMATION

Municipality where business is situated:

Registered Account No:

Stand No:

6.8 TOTAL NUMBER OF YEARS THE FIRM HAS BEEN IN BUSINESS?

.....

6.9 List all Shareholders by Name, Position, Identity Number, Citizenship, HDI status and ownership, as relevant. Information to be used to calculate the points claimed in paragraph 8.

Name	Date/Position occupied in Enterprise	ID Number	Date RSA Citizenship obtained	* HDI Status			% of business / enterprise owned
				No franchise prior to elections	Women	Disabled	

*Indicate YES or NO

6.10 I/we, the undersigned, who warrants that he/she is duly authorised to do so on behalf of the firm certify that points claimed, based on the equity ownership, indicated in paragraph 8 of the foregoing certificate, qualifies the firm for the preference(s) shown and I / we acknowledge that:

- (i) The information furnished is true and correct.
- (ii) The points claimed is in accordance with the General Conditions as indicated in paragraph 1 of this form.



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(iii) If the claims are found to be incorrect, the purchaser may, in addition to any other remedy it may have -

(a) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct; and

WITNESSES

1.

2.

SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS

.....
.....



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9. 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



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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:			



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10. MBD 9 – CERTIFICATE OF INDEPENDENT BID DETERMINATION

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).⁴ Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
3. Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - 3.1. take all reasonable steps to prevent such abuse;
 - 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:

BERGRIVIER 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:

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:

⁴ 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.



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- 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 consortium⁵ 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:
- 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.
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			

⁵ 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.

11. MBD 10 – CERTIFICATE FOR PAYMENT OF MUNICIPAL SERVICES

DECLARATION IN TERMS OF CLAUSE 112(1) OF THE MUNICIPAL FINANCE MANAGEMENT ACT (NO.56 OF 2003)

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 Bergrivier 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 (s) of ID document(s) and Municipal Accounts

If the entity or any of its Directors/Shareholders/Partners, etc. rents/leases premises, a copy of the rental/lease agreement must be submitted with this tender.

Signature	Position	Date

12. COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT, 1993 (ACT 130 OF 1993)

COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT, 1993 (ACT 130 OF 1993)

Bergrivier 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 must be handed in, in this regard.

PRINT NAME:			
CAPACITY:		Name of firm	
SIGNATURE:		DATE:	

13. FORM OF INDEMNITY

INDEMNITY

Given by (Name of Company) _____ of

(registered address of Company) _____ a

company incorporated with limited liability according to the Company Laws of the Republic of South Africa

(hereinafter called the Contractor), represented herein by (Name of Representative) _____ in his

capacity as (Designation) _____ of the

Contractor, is duly authorized hereto by a resolution dated _____/20____, to sign on behalf of the Contractor.

WHEREAS the Contractor has entered into a Contract dated _____ / 20____, with the Municipality who require this indemnity from the Contractor.

NOW THEREFORE THIS DEED WITNESSES that the Contractor does hereby indemnify and hold harmless the Municipality in respect of all loss or damage that may be incurred or sustained by the Municipality 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 made 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; and also in respect of all legal or other expenses that may be incurred by the Municipality in examining, resisting or settling any such claims; for the due performance of which the Contractor binds itself according to law.

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

PART B – SPECIFICATIONS AND PRICING DATA

PRICING INSTRUCTIONS

ITEM 1: Customer Notifications

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Consumer Notifications (Interruptions)				
1	Notification to Consumers	No	1		
				Total (Excl Vat)	
				VAT 15%	
				Total (Incl. VAT)	

ITEM 2: Distribution Kiosks & Bundle Boxes

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Civil Works:				
1	Removal of Tarmac	m ³	1		
2	Removal of Concrete	m ³	1		
3	Removal of Brick Paving	m ²	1		
4	Removal of Soil	m ³	1		
5	Reinstating of Tarmac	m ³	1		
6	Reinstating Concrete 15MPA	m ³	1		
7	Reinstating Brick Paving	m ²	1		
8	Reinstating of Soil	m ³	1		
B	Construction Work – Distribution Kiosk				
1	Removal of existing Kiosk (4 - 12 way)	No	1		
2	Removal of Base and transport thereof	No	1		
3	Installation of New Kiosk (4 - 9 Way)	No	1		
	Construction Work – Pole mount Bundle Box				
4	Removal of existing Bundle Box	No	1		
5	Installation of New Bundle Box (AP1 or AP2)	No	1		
Total (Excl Vat) VAT 15% Total (Incl. VAT)					

ITEM 3: Erection and maintenance of 11kV Overhead Lines

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

1	Dressing of 11m Wooden Poles with A-frame, Strain and Terminal Structures	No	1		
2	Dressing of 11m Wooden Poles with A-frame, Intermediate Structures	No	1		
3	Dressing of 11m Wooden Poles with Strain Cross Arm	No	1		

4	Dressing of 11m Terminal Structure, with Insulators	No	1		
5	Dressing of 11m Strain Structure, with Insulators	No	1		
6	Dressing of Strain Cross-arm, T-off from 11m Intermediate	No	1		
7	Dressing of 11m Intermediate Structure, with Insulators	No	1		
8	Installation of 11m Wooden Poles (Terminal, Strain and Intermediate)	No	1		
9	Installation of 9m Wooden Poles	No	1		
10	Installation of 9 & 11m Strut Pole	No	1		
11	Installation of Normal Stay	No	1		
12	Installation of Flying Stay	No	1		
13	Installation of Rock Anchor	No	1		
14	Installation of Drop-out Fuses	No	1		
C	Installation of Conductors:				
1	Fir/Pine Conductor or equivalent	m	1		
2	Oak/Ash Conductor or equivalent	m	1		
3	Termination of Conductor on 11m A-frame – Inter	No	1		
4	Termination of Conductor on 11m A-frame - Strain	No	1		
5	Binding of Conductors - Intermediate Aframe	No	1		

6	Installation of Spiral or other Vibration Dampers	No	1		
D	Installation of Transformers:				
1	Installation of pole mounted transformer	No	1		
2	Installation of a transformer on a platform	No	1		
3	Installation of transformer on a 4-Pole Structure	No	1		
4	Installation of 12kV Surge Arresters	No	1		
5	Installation of MV Earthing at Transformer Station	No	1		
6	Installation of LV Earthing at Transformer Station	No	1		
7	Installation of Meter Box at Transformer Station	No	1		
E	Surveying				
1	Route establishment	Km	1		
2	Line design and drawing of span sheet	Km	1		
3	Pegging out of route	Km	1		
4	G.P.S co-ordinates	Km	1		
F	Traffic Control				
1	Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced	per day	1		
Total (Excl. VAT)					
VAT 15%					
Total (Incl. VAT)					

ITEM 4: Demolition of Overhead Lines

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Demolishing of Existing Power Lines:				
1	Removal of steel or wooden poles	No	1		
2	Removal of stays	No	1		
3	Removal of Conductors (pole-to-pole)/ Span length	No	1		
4	Removal of Transformers	No	1		
B	Traffic Control				
1	Traffic Control	per day	1		
Total (Excl. VAT)					
VAT 15%					
Total (Incl. VAT)					

ITEM 5: Erection and maintenance of LV Overhead Lines

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Excavation Work:				
1	Hole for Pole, 1.5m Soft Soil	No	1		
2	Hole for Pole, 1.5m Intermediate Soil	No	1		
3	Hole for Pole, 1.5m Hard Soil	No	1		
4	Hole for Stay, 2m stay rod, 450mm x 450mm stay plate - Soft Soil	No	1		
5	Hole for Stay, 2m stay rod, 450mm x 450mm stay plate - Intermediate Soil	No	1		
6	Hole for Stay, 2m stay rod, 450mm x 450mm stay plate - Hard Soil	No	1		
7	Hole for Stay, 1.5m stay rod, 450mm x 450mm stay plate - Soft Soil	No	1		

8	Hole for Stay, 1.5m stay rod, 450mm x 450mm stay plate - Intermediate Soil	No	1		
9	Hole for Stay, 1.5m stay rod, 450mm x 450mm stay plate - Hard Soil	No	1		
10	Hole for Strut Pole, 9m strut - Soft Soil	No	1		
11	Hole for Strut Pole, 9m strut - Intermediate Soil	No	1		
12	Hole for Strut Pole, 9m strut - Hard Soil	No	1		
13	Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill	No	1		
14	Hole for Pole, 1.5m x 405mm diameter - Rock Drill	No	1		
15	Hole for Stay for 2m x 405mm diameter, round stay plate, 350mm – Rock Drill	No	1		

16	Hole for Stay for 1.5m x 405mm diameter, round stay plate, 350mm - Rock Drill	No	1		
B	Construction Work:				
1	Dressing of 9m Wooden Poles – Strain	No	1		
2	Dressing of 9m Wooden Poles - Intermediate	No	1		
3	Installation of 9m Wooden Poles	No	1		
4	Installation of 9m Strut Pole	No	1		
5	Installation of Normal Stay	No	1		
6	Installation of Flying Stay	No	1		
7	Installation of a Rock Anchor	No	1		
C	Installation of Conductors:				
1	Aluminium or Copper conductors, irrespective of size	m	1		
2	ABC Conductor 3 x load cores + 1 x 54.6mm + 1 x 25mm	m	1		
3	Termination of conductor at 9m pole, Terminal Structure	No	1		
4	Termination of conductor at 9m Strain Pole	No	1		
5	Suspension of conductor at 9m pole – Intermediate	No	1		

6	ABC T-off, from ABC line, at 9m wooden Strain Structure	No	1		
7	ABC T-off, from open line, at 9m wooden Strain Structure	No	1		
8	ABC T-off, from ABC line, at 9m steel Strain Structure	No	1		
9	ABC T-off, from open line, at 9m steel Strain Structure	No	1		
10	ABC T-off, from ABC line, at 9m wooden - Intermediate	No	1		
11	ABC T-off, from open line, at 9m wooden – Intermediate	No	1		
12	ABC T-off, from ABC line, at 9m steel – Intermediate	No	1		
13	ABC T-off, from open line, at 9m steel - Intermediate	No	1		
D	Surveying				
1	Route establishment	Km	1		
2	Line design and drawing of span sheet	Km	1		
3	Pegging out of route	Km	1		
4	G.P.S co-ordinates	Km	1		
E	Traffic Control				
1	Traffic Control	per day	1		
Total (Excl. VAT)					
VAT 15%					
Total (Incl. VAT)					

ITEM 6: Service Connections

N o	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	House Service Connections				

1	Installation of Pole Mounted Consumer Box or Floor mounted distribution kiosk	No	1		
2	Installation of Consumer Supply Cable, 25, 16 or 10mm ² Airdac or PVC SWA	m	1		
3	Installation of conventional, split meter in pole mounted box or floor mounted kiosk, or prepaid base meter and/or Ready board in the house and removal of wall mount split boxes	No	1		
4	Termination and Jointing of consumer cables, irrespective type and size	No	1		
B	Excavation Work:				
1	Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil	m ³	1		
2	Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil	m ³	1		
3	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil	m ³	1		
4	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil, Compressor & Breaker	m ³	1		
5	Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil	m ³	1		
6	Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil	m ³	1		
7	Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil	m ³	1		
8	Installation of Earth Conductor , in trenches and through ducts, irrespective size	m	1		
C	Installation of Ducts				
1	Installation of 110mm PVC Sleeves - in ground	m	1		
2	Installation of 160mm PVC Sleeves - in ground	m	1		
3	Installation of 25/40/50mm Galvanised Conduit	m	1		
D	Traffic Control				
1	Traffic Control	Per day	1		
Total (Excl. VAT)					

VAT 15%		
Total (Incl. VAT)		

ITEM 7: Service Connections - Conversions
(Conventional - Prepaid & Vice Versa)

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

ITEM 8: Streetlights: Installation & Maintenance

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

4	Hole for Pole, 1.5m Soft Soil	No	1		
5	Hole for Pole, 1.5m Intermediate Soil	No	1		
6	Hole for Pole, 1.5m Hard Soil	No	1		
7	Hole for Pole, 1m Soft Soil	No	1		
8	Hole for Pole, 1m Intermediate Soil	No	1		
9	Hole for Pole, 1m Hard Soil	No	1		
10	Hole for Pole, 1.8m x 405mm diameter - Rock Drill	No	1		
11	Removal of Tarmac	m ³	1		
12	Removal of Concrete	m ³	1		
13	Removal of Brick Paving	m ²	1		
14	Removal of Base Course	m ³	1		
15	Reinstatement of Tarmac	m ³	1		
16	Reinstatement of Concrete	m ³	1		
17	Reinstatement of Brick Paving	m ²	1		
18	Reinstatement of Base Course	m ³	1		
19	Removal and disposal of spoilt material, irrespective distance to Dumping Site	m ³	1		
20	Transport to Site, irrespective of distance - Tarmac	m ³	1		
21	Transport to Site, irrespective of distance - Concrete	m ³	1		
22	Transport to Site, irrespective of distance - Brick Paving	m ²	1		

23	Transport to Site, irrespective of distance - Base Course	m ³	1		
24	Transport to Site, irrespective of distance - Sand	m ³	1		
25	Transport to Site, irrespective of distance - Backfill Material	m ³	1		

B	Construction				
1	Installation of 9 or 11m Streetlight Pole	No	1		
2	Installation of 5m - 7m Streetlight Pole	No	1		
3	Installation of Streetlight Cables	m	1		
4	Assembling and installation of Streetlight Control Kiosk	No	1		
5	Removal of existing Streetlight Control Kiosk	No	1		
6	Installation of Outreach Arm	No	1		
7	Replacement of Luminaire	No	1		
8	Replacement of Internal Wiring, irrespective length of pole	No	1		
9	Replacement of Lamp	No	1		
10	Replacement of Ballast	No	1		
11	Replacement of Lens	No	1		
12	Replacement of Circuit Breaker	No	1		
D	Surveying				
1	Route establishment	Km	1		
2	Line design and drawing of span sheet	Km	1		
3	Pegging out of route	Km	1		
4	G.P.S co-ordinates	Km	1		
1	Traffic Control	per day	1		
D	Demolishing of Existing Streetlight Poles:				
1	Removal of steel, concrete, fibreglass or wooden poles and delivery as per predetermined site	No	1		
Total (Excl. VAT)					
VAT 15%					

	Total (Incl. VAT)	

ITEM 9: General Maintenance on High Mast and Stadium Lights

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Day to day maintenance of High Mast and Stadium Lights, irrespective of distance to Municipal Stores				
1	i) Changing of Luminaires - 400W and LED	No	1		
	ii) Changing of Luminaires - 1000W and 2000W	No	1		
2	i) Changing of Lamps - 400W and LED	No	1		
	ii) Changing of Lamps - 1000W and 2000W	No	1		
3	i) Changing of Ballasts - 400W and LED	No	1		
	ii) Changing of Ballasts - 1000W and 2000W	No	1		
4	i) Changing of Lenses - 400W and LED	No	1		
	ii) Changing of Lenses - 1000W and 2000W	No	1		
5	Painting Poles (Maximum 30m high)	No	1		
B	Hiring of Crane				
1	Hiring of 30-ton Crane and Man Cage, with at least 35m working height (Tender price shall be for a 9 hour working day)				
	i) Site Establishment	per day	1		
	ii) Hiring Rate	per day	1		
	iii) Crane Insurance	per day	1		
	iv) Load under hook Insurance	per day	1		

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

ITEM 10: Mini Substation and Plinth Installation

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Excavation and Formwork:				
1	Digging out, 300mm deep, compact and backfill, 150mm with subbase, for foundation of Miniature Substation	m ³	1		
2	Installation of Foundation Mould and reinforced steel.	No	1		
3	Casting of 25MPA concrete for Mini Sub Foundation,	m ³	1		
B	Installation Work				
1	Installation of Mini Substation				
	a) Collection of Mini Substation at Bergrivier Municipal Stores	No	1		
2	Removal of Mini Substation				
	a) Remove Mini Substation from plinth and transport to Bergrivier Municipal Stores	No	1		
C	Traffic Control				

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

ITEM 11: Trenching and installation of cables

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Excavation Work: Joint bay or trenches				
1	Digging of trenches by hand, 400mm Wide x 550mm Deep - Soft Soil	m ³	1		
2	Digging of trenches by hand, 400mm Wide x 550mm Deep - Intermediate Soil	m ³	1		
3	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil	m ³	1		
4	Digging of trenches by hand, 400mm Wide x 550mm Deep - Hard Soil, Compressor & Breaker	m ³	1		
5	Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil	m ³	1		
6	Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil	m ³	1		
7	Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil	m ³	1		
8	Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil, Compressor & Breaker	m ³	1		
9	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Soft Soil	m ³	1		
10	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Intermediate Soil	m ³	1		
11	Digging of trenches by hand, 600mm Wide x	m ³	1		

	1100mm Deep - Hard Soil				
12	Digging of trenches by hand, 600mm Wide x 1100mm Deep - Hard Soil, Compressor & Breaker	m ³	1		
13	Digging of Trenches by means of machine, 400mm Wide x 750mm Deep, but limited to Soft Soil, Intermediate Soil, Hard Soil	m ³	1		
14	Digging of Trenches by means of machine, 600mm Wide x 1100mm Deep, but limited to Soft Soil, Intermediate Soil, Hard Soil	m ³	1		
15	Removal of Tarmac	m ³	1		
16	Removal of Concrete	m ³	1		
17	Removal of Brick Paving	m ²	1		
18	Removal of Base Course	m ³	1		
19	Reinstatement of Tarmac	m ³	1		
20	Reinstatement of Concrete	m ³	1		
21	Reinstatement of Brick Paving	m ²	1		
22	Reinstatement of Base Course	m ³	1		
23	Removal and disposal of spoilt material	m ³	1		
24	Transport to Site - Tarmac	m ³	1		
25	Transport to Site - Concrete	m ³	1		
26	Transport to Site - Brick Paving	m ³	1		
27	Transport to Site - Base Course	m ³	1		
28	Transport to Site - Sand	m ³	1		
29	Transport to Site - Backfill Material	m ³	1		
B	Installation of Cables:				
1	MV Cables, in trenches and through ducts, PILC or XLPE				

i	Installation of 11kV Cables, 35mm ² - 50mm ²	m	1		
ii	Installation of 11kV Cables, 70mm ² - 95mm ²	m	1		
iii	Installation of 11kV Cables, 120mm ² - 185mm ²	m	1		
iv	Installation of 11kV Cables, 240mm ² - 500mm ² + single	m	1		
2	LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminum				
i	Installation of 1000V 1.5mm ² - 16mm ² Cables	m	1		
ii	Installation of 1000V 25mm ² - 70mm ² Cables	m	1		
iii	Installation of 1000V 95mm ² - 150mm ² Cables	m	1		
iv	Installation of 1000V 185mm ² - 240mm ² Cables	m	1		
v	Installation of 1000V Cables, single core cable, irrespective of size	m	1		
3	Installation of Earth Conductors, in trenches and through ducts, irrespective size				
i	Installation of covered conductor/BCEW, 16/25/35/70mm ²	m	1		
C	Installation of Ducts				
1	Installation of 110mm PVC Sleeves - in ground	m	1		
2	Installation of 160mm PVC Sleeves - in ground	m	1		
3	Installation of 25/40/50mm Galvanised Conduit	m	1		
D	Cable Joints 11kV				
1	16mm ² - 70mm ²	No	1		
2	95mm ² - 150mm ²	No	1		
3	185mm ² - 300mm ²	No	1		
4	300mm ² - 500/600mm ² Single core per core	No	1		
E	Cable Terminations 11kV Indoor termination (heat shrink)				

1	16mm ² - 70mm ²	No	1		
2	95mm ² - 150mm ²	No	1		
3	185mm ² - 300mm ²	No	1		
4	300mm ² - 500/600mm ² Single core per core	No	1		
Cable Terminations 11kV Outdoor termination (heat shrink)					
5	16mm ² - 70mm ²	No	1		
6	95mm ² - 150mm ²	No	1		
7	185mm ² - 300mm ²	No	1		
8	300mm ² - 500/600mm ² Single core per core	No	1		
F	Traffic Control				
1	Traffic Control	per day	1		
Total (Excl. VAT)					
VAT 15%					
Total (Incl. VAT)					

ITEM 12: Mini-Substation In-Service Maintenance

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Excavation Work:				
1	In service oil leak repairs irrespective of position	No	1		
B	Site establishment				
1	Site establishment including transport and equipment	No	1		
Total (Excl. VAT)					
VAT 15%					

	Total (Incl. VAT)	

ITEM 13: 11KV Oil, SF6 and Vacuum Breakers Maintenance:

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

ITEM 14: Mini-Substations, Transformers & RMU's Mechanical Maintenance of 11/0,4 kV

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Transformer and Tap Changer Maintenance:				

1	Top up oil level (per liter)	p/l	1		
2	Check tap changer position and functionality	No	1		
3	Replace breathers & silica gel + breather oil	No	1		
4	Repair oil leaks	No	1		
5	Repair all rusted items, zinc treat and respray complete	No	1		
6	Earthing test	No	1		
7	Do oil sample tests on main and OLTC tank and report on the following and not limited to:				
i	Moisture	No	1		
ii	Dielectric strength	No	1		
iii	Acidity	No	1		
iv	Furanic Analysis	No	1		
v	Dissolved Gas	No	1		
vi	PCB	No	1		
8	Repair transformer cooling fins	No	1		
9	Repair all valves and sampling points	No	1		
10	Clean/Repair/Replace of bushings and insulators	No	1		
11	Re-tighten all Bolts & Nuts	No	1		
12	Record all LV fuses/circuit breakers info and inspect function	No	1		
13	Check/Repair/Replace all locking devices if need be	No	1		
B	Ring Main Unit Maintenance				
1	Replace the insulating oil or re-gas with SF6	No	1		
2	Check load switch mechanisms and functionality	No	1		
3	Record Fuse sizes and relay settings and test fuses	No	1		

4	Check and test Earth Fault Detection devices	No	1		
5	Repair rust, clean, zinc treat and respray	No	1		
6	Ensure that supports are firmly attached to the plinth	No	1		
7	Test the Earthing and complete certificate	No	1		
C	Site Establishment	No	1		
Total (Excl. VAT)					
VAT 15%					
Total (Incl. VAT)					

ITEM 15: Mini-Substation On-Site Maintenance

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Maintenance Of Mini-Substations And Associated Equipment:				
1	Labour rate: preparation of steel cover plates, handles, hinges and locking mechanisms, including rust removal, welding in of plates or other.	No	1		
2	Labour rate: Base coat and final coats	No	1		
3	Labour rate: Installation of handles, hinges and locking mechanisms, etc.	No	1		
B	Maintenance of Area In and Around Mini-Substation and Associated Equipment:				
1	Labour rate: cleaning of an area of 1 meter all around the equipment.	No	1		
2	Labour rate: Removal of trees or shrubs cleared from the 1 meter area.	No	1		
3	Labour rate: cleaning and removing pests and the effects of their presence, including long lasting control.	No	1		
C	Site establishment:				

1	Site establishment (Transport and accommodation to Bergrivier Municipal Area)	No	1		
Total (Excl. VAT)					
VAT 15%					
Total (Incl. VAT)					

ITEM 16: Electrical Pole Refurbishment

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Refurbishing of electrical poles, irrespective of length				
1	Steel poles	No	1		
2	Fibre Glass poles	No	1		
3	Concrete poles	No	1		
4	Wooden poles	No	1		
B	Site establishment				
1	Site Establishment	No	1		
Total (Excl. VAT)					
VAT 15%					
Total (Incl. VAT)					

ITEM 17: Horizontal drilling/boring under roads

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

ITEM 18: Electrical Certificate of Compliance Testing

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

ITEM 19: Electrical Marking & Earth Leakage Testing: Municipal Buildings

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Distribution boards				

1	Mark and Labelling of all the Distribution boards in the building	Per DB	1		
2	Mark and labelling of all outgoing circuits per Distribution Boards (Average of 10 circuits per DB)	Per DB	1		
3	Complete checklist and deviations for each Distribution board (Average of 10 circuits per DB)	Per DB	1		
B	Plug Sockets				
1	Mark and labelling of all the plug circuits in the building	No	1		
2	Testing of all plug sockets with earth leakage tester according the SANS 1024 regulations	No	1		
3	Complete checklist and deviations for each Plug circuit.	No	1		

C	Earth leakage units				
	Mark and labelling of all Earth Leakage units in the Distribution Boards	No	1		
1	Testing of all Earth Leakage units through the plug sockets with earth leakage tester according the SANS 10142-1 Testing and certification (COC)	No	1-10		
2	Testing of all Earth Leakage units through the plug sockets with earth leakage tester according the SANS 10142-1 Testing and certification (COC)	No	10-50		
3	Testing of all Earth Leakage units through the plug sockets with earth leakage tester according the SANS 10142-1 Testing and certification (COC)	No	50-100		
4	Testing of all Earth Leakage units through the plug sockets with earth leakage tester according the SANS 10142-1 Testing and certification (COC)	No	100-200		
5	Complete checklist and deviations for each Earth Leakage tested.	No	1		
Total (Excl. VAT)					
VAT 15%					

Total (Incl. VAT)

ITEM 20: Electrical work LV with Certificate of Compliance Testing

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

18	Earth and Earth resistance testing with certificate	No	1		
B	Certificate of Compliance				
1	Issue and submit original document	No	1		
C	Site establishment				
1	Site establishment	No	1		
Total (Excl. Vat)					
VAT 15%					
Total (Incl. Vat)					

ITEM 21: Anti-vandalism work

No	Activities:	Unit	Qty	Rate Year 1	Rate Year 1 + 5%
A	Cable covering				
1	Opening of trench for new cable	m	1		
2	Laying the cable in a sand bed	m	1		
3	Covering the cable with material supplied	m	1		
4	Backfilling the trench	m	1		
B	Placing the cable in steel pipe and filling the pipe with cement				
1	Secure steel pipe to pole, wall or lay in ground	m	1		
2	Fill with cement	m	1		
3	Build plinth around foot of pole (wall and pole mount)	m ³	1		
C	Cement blocks or any other material over cable				
1	Build cement structure over cable and fill with cement	m ³	1		
D	Install other anti-vandalism devices				
1	Install council approved devices over/onto cable by means of brackets and tie-downs	No	1		
Total (Excl. VAT)					
VAT 15%					
Total (Incl. VAT)					

PART C3 : SCOPE OF WORK

Project Specification

Section 1 : General

Section 2 : Electrical Construction

Section 3 : Applicable Standards and Specifications

Section 4 : Tender Drawings

C3.1 : PROJECT SPECIFICATION

SECTION 1: GENERAL

BRIEF SPECIFICATIONS

IMPORTANT NOTICE

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

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

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

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

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

Also note that all activities on this tender will take place in the Bergrivier Municipal Area. All equipment must be collected from the Municipal Stores or Electrical Workshops as far as possible.

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

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

General Item Specifications applicable on most items

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

Surveying

Route establishment and clarification with Council.

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

Pegging out of route and GPS data capturing.
G.P.S. Co-ordinates on diagram on smallest, A3 paper – electronic format preferred.

B. Traffic Control

Including, but not limited to:

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

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

ITEM 1 : Customer Notifications

A Consumer Notifications (Interruptions)

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

ITEM 2 : Distribution Kiosks

A Civil Works:

- 1 Removal of Tarmac
- 2 Removal of Concrete
- 3 Removal of Brick Paving
- 4 Removal of Soil
- 5 Reinstate of Tarmac
- 6 Reinstate of Concrete 15MPA
- 7 Reinstate of Brick Paving
- 8 Reinstate of Soil

B Construction Work

- 1 Removal of existing Kiosk (4, 6, 9 or 12 way)

Including:

Pre-photo of existing kiosk, Marking of Breakers and cables, Marking of Meters, Dead Testing, Disconnection of Cables, Removal of existing Kiosk and Base, Delivery of old kiosk to Municipal Stores

- 2 Removal of existing Kiosk Base (Concrete or other)

Including:

Demolition and removal of concrete base, restoring of area, including back filling and compaction, Delivery of base to Municipal Stores

3 Installation of New Kiosk (4 - 12 Way)

Including:

Collecting of materials at Municipal Stores, Connection of Supply Cables on Bus Bars, Installation of Breakers, Installation of Meters, Connection of Consumer Cables on Breakers and/or Meters and sleeving of all bare conductors with heat shrinkable sleeving, Switching on to the status before shutdown and post-photo.

4 Removal of existing Bundle Box (4, 6, 9 or 12 way)

Including:

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

5 Installation of New Bundle Box (AP1 or AP2)

Including:

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

ITEM 3 : Erection and Maintenance: 11kV Overhead Lines

Activities:

A Excavation Work:

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

- 1 Hole for Pole, 1.8m Soft Soil
- 2 Hole for Pole, 1.8m Intermediate Soil
- 3 Hole for Pole, 1.8m Hard Soil
- 4 Hole for Pole, 1.5m Soft Soil
- 5 Hole for Pole, 1.5m Intermediate Soil
- 6 Hole for Pole, 1.5m Hard Soil
- 7 Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Soft Soil
- 8 Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Intermediate Soil
- 9 Hole for Stay, 2mx20mm stay rod, 450mm x 450mm stay plate - Hard Soil
- 10 Hole for Strut Pole, 9 & 11m strut - Soft Soil
- 11 Hole for Strut Pole, 9 & 11m strut - Intermediate Soil
- 12 Hole for Strut Pole, 9 & 11m strut - Hard Soil
- 13 Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill
- 14 Hole for Pole, 1.8m x 405mm diameter - Rock Drill
- 15 Hole for Peg Pole 1.5m x 405mm diameter - Rock Drill
- 16 Hole for Stay for 2m x 405mm diameter, round stay plate, 350mm - Rock Drill

B Construction Work:

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

Including:

- i) 2 x Threaded Rod Assemblies, 20mm x 350mm

- ii) 10m x Stay Wire, 7 x 4mm (for earthing)
 - iii) 10 x U-nails (for fastening 7 x 4mm wire)
- 2 Dressing of 11m Wooden Poles with A-frame, Intermediate Structures
Including:
 - i) 2 x Threaded Rod Assemblies, 20mm x 350mm
 - ii) 10m x Stay Wire, 7 x 4mm (for earthing)
 - iii) 10 x U-nails (for fastening 7 x 4mm wire)
- 3 Dressing of 11m Wooden Poles with Strain Cross Arm
Including:
 - i) 2 x Threaded Rod Assemblies, 20mm x 350mm
 - ii) 1 x Bonding Clip
- 4 Dressing of 11m Terminal Structure, with Insulators
Including:
 - i) 3 x D-shackles
 - ii) 3 x Long Rod Insulators, 22Kv
 - iii) 3 x Clevis Thimbles
 Excluding:
 - i) A-frame - measured elsewhere
- 5 Dressing of 11m Strain Structure, with Insulators
Including:
 - 6 x D-shackles, 6 x Long Rod Insulators, 6 x Clevis Thimbles
 Excluding:
 - i) A-frame - measured elsewhere
- 6 Dressing of Strain Cross-arm, T-off from 11m Intermediate, with Insulators
Including:
 - 3 x D-shackles, 3 x Long Rod Insulators, 11 or 22Kv, 3 x Clevis Thimbles, 3 x Dead Ends, 2 x Line Post Insulators (Jumper support), 2 x 50mm Spindles (Jumper support), 2 x Wrap Lock Ties (Jumper support)
 Excluding:
 - i) Strain Cross Arms measured elsewhere
- 7 Dressing of 11m Intermediate Structure, with Insulators
Including:
 - i) 3 x Line Post Insulators, 11 or 22Kv
 - ii) 3 x Spindles, 50mm
- 8 Installation of 11m Wooden Poles (Terminal, Strain and Intermediate)
Including:
 - i) Backfilling and compaction
- 9 Installation of 9m Wooden Poles
Including: Backfilling and compaction
- 10 Installation of 9 or 11m Strut Pole
Including:
 - i) 1 x L-Bracket
 - ii) 4 x Threaded Rod Assemblies 20mm x 350mm
 - iii) Backfilling and compaction of Strut Hole

- 11 Installation of Normal Stay
Including:
- i) 1 x Pole Top Make-off
 - ii) 3 x Guy Grip Dead Ends
 - iii) 1 x Stay Insulator
 - iv) 10m Stay Wire, 7 x 4mm
 - v) 1 x Rope Thimble
 - vi) 1 x Stay Rod 2m x 20mm
 - vii) 1 x Stay Plate, 450mm x 450mm
 - viii) Backfilling and compaction of stay hole
- 12 Installation of Flying Stay
Including:
- i) 2 x Pole Top Make-off
 - ii) 6 x Guy Grip Dead Ends
 - iii) 2 x Stay Insulator
 - iv) 17m Stay Wire, 7 x 4mm
 - v) 1 x Rope Thimble
 - vi) 1 x Clevis Thimble
 - vii) 1 x Eye Bolt Assembly 20mm x 350mm
 - viii) 1 x Stay Rod, 2m x 20mm
 - ix) 1 x Stay Plate, 450mm x 450mm
 - x) Backfilling and compaction of Stay Hole
- Excluding:
Installation of 9m pole measured elsewhere.
- 13 Installation of Rock Anchor
Including:
- i) 1 x Pole Top Make-off
 - ii) 3 x Guy Grip Dead Ends
 - iii) 1 x Stay Insulator
 - iv) 10m Stay Wire, 7mm x 4mm
 - v) 1 x Rope Thimble
 - vi) 1 x Rock Anchor Rod
- Excluding:
i) Hole 1m x 32mm, measured elsewhere
- 14 Installation of Drop-out Fuses
Including:
- i) 3 x L-Brackets
 - ii) 3 x Fuse Insulators
 - iii) 3 x Fuse Tubes or Solid Links
 - iv) 3 x Connections to lines or transformer bushings
 - v) 3 x Fuse Elements

- C Installation of Conductors:
- 1 Fir/Pine Conductor (running out and hook into pulleys)
 - 2 Oak/Ash Conductor (running out and hook into pulleys)
 - 3 Termination of Conductor on 11m A-frame, Terminal Structure, irrespective of conductor size and Span lengths
Including:
 - i) 3 x initial tensioning of Conductor
 - ii) 3 x tensioning with Dynamometer to specification
 - iii) 3 x Installation of Dead Ends
 - iv) 3 x Installation of droppers onto fuses or transformers
 - 4 Termination of Conductor on 11m A-framed pole, Strain Structure
Including:
 - i) 3 x initial tensioning of Conductor
 - ii) 3 x tensioning with Dynamometer to specification
 - iii) 6 x Installation of Dead Ends
 - iv) 3 x Installation of jumpers
 - v) 3 x Installation of non-tension crimps
 - vi) 3 x Line Post Insulators (Jumper support)
 - vii) 3 x Spindles, 50mm (Jumper support)
 - viii) 3 x Wrap lock Ties (Jumper support)
 - 5 Binding of Conductors, on 11m Intermediate A-framed pole Structures
Including:
 - i) 3 x Lifting Conductor from pulley to Line Post Insulator
 - ii) 3 x Installation of Rubber Tube underneath Conductor
 - iii) 3 x Installation of Wrap lock Ties
 - 6 Installation of Spiral or other Vibration Dampers, irrespective conductor size
- D Installation of Transformer:
- 1 Installation of pole mounted a transformer irrespective of kVA rating 16-100kVA
Including:
 - i) 4 x Threaded Rod Assemblies 20mm x 450mm
 - ii) 2 x Transformer Brackets
 - 2 Installation of transformer on a platform, irrespective of kVA rating 16 - 400kVA
Including:
 - i) 1 x Platform
 - ii) 8 x Threaded Rod Assemblies 20mm x 450mm
 - iii) 2 x Cross Bars 76mm x 38mm (for transformer hold-down)
 - iv) 1 x Support Pole 9m
 - 3 Installation of a transformer on a 4- Pole Structure, irrespective of kVA rating 160 - 500kVA
Including:
 - i) 4 x Channels, 2.2m long, 55mm x 100mm
 - ii) 4 x Threaded Rod Assemblies 20mm x 450mm

- iii) 4 x Threaded Rod Assemblies 20mm x 350mm
- iv) 4 x Bolts 20mm x 50mm (Transformer Hold-down)
- v) 4 x Support Pole 9m

4 Installation of 12kV Surge Arresters

Including:

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

5 Installation of all Earthing at Transformer Station

Including:

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

6 Installation of LV Earthing at Transformer Station

Including:

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

7 Installation of Meter Box at Transformer Station

Including:

- i) Fixing of Meter Box to pole
- ii) 7m x Cable 4 core between bushings and Meter Box, irrespective of cable size
- iii) 1 x Break-out Boot (Heat Shrink)
- iv) 4 x Lugs, irrespective of size
- v) 1 x Cable Gland, irrespective of size
- vi) 5m x Stainless Strap and 5 x Stainless Steel Buckles

E Surveying

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

ITEM 4: Demolition: Power Lines (HV, MV, LV)

- A Demolishing of Existing Power Lines:
- 1 Removal of steel or wooden poles irrespective of length
Including:
 - i) Cutting of poles more than 300mm beneath ground level
 - ii) Removal of Cross Arm, Stays and Insulators
 Transport and Offloading at Piketberg Municipal Stores, irrespective of distance.
 - 2 Removal of stays
Including:
 - i) Cutting of Stay Rods more than 300mm beneath ground level
 - ii) Transport and Offloading at Piketberg Municipal Stores, irrespective of distance.
 - 3 Removal of all three Conductors, irrespective of size, type of conductor and distance between poles (pole to pole)
Including:
 - i) Measured and coiled
 - ii) Transport and Offloading at Piketberg Municipal Stores, irrespective of distance
 - 4 Removal of Transformers, irrespective of size
Including:
 - i) Removal from structure
 - ii) Safe handling of transformer (for re-use)
 - iii) Transport and Offloading at Piketberg Municipal Stores, irrespective of distance
- B Traffic Control
Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced
- 1

ITEM 5: Erection and maintenance of LV Overhead Lines

Includes ABC, Copper and Aluminium conductor

Activities

- A Excavation Work:
- 1 Hole for Pole, 1.5m Soft Soil
 - 2 Hole for Pole, 1.5m Intermediate Soil
 - 3 Hole for Pole, 1.5m Hard Soil
 - 4 Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Soft Soil
 - 5 Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Intermediate Soil
 - 6 Hole for Stay, 2m x 20mm stay rod, 450mm x 450mm stay plate - Hard Soil
 - 7 Hole for Stay, 1.5m x 12mm stay rod, 450mm x 450mm stay plate - Soft Soil

- 8 Hole for Stay, 1.5m x 12mm stay rod, 450mm x 450mm stay plate - Intermediate Soil
 - 9 Hole for Stay, 1.5m x 12mm stay rod, 450mm x 450mm stay plate - Hard Soil
 - 10 Hole for Strut Pole, 9m strut - Soft Soil
 - 11 Hole for Strut Pole, 9m strut - Intermediate Soil
 - 12 Hole for Strut Pole, 9m strut - Hard Soil
 - 13 Hole for Rock Anchor, 1m x 32mm diameter - Rock Drill
 - 14 Hole for Pole, 1.5m x 405mm diameter - Rock Drill
 - 15 Hole for Stay for 2m x 405mm diameter, round stay plate, 350mm - Rock Drill
Hole for Stay for 1.5m x 405mm diameter, round stay plate, 350mm - Rock Drill
- B Construction Work:
- 1 Dressing of 9m Wooden Poles, Strain and Terminal Structures for stringing conductors irrespective of conductor size
Including:
i) 1 x Pig Tail Bolt Assembly 16mm x 350mm
ii) 1 x Eye Nut, 16mm
 - 2 Dressing of 9m Wooden Poles Intermediate for hanging conductors
Including: 1 x Pig Tail Bolt Assembly 16mm x 350mm
 - 3 Installation of 9m Wooden Poles
Including: Backfilling and compaction
 - 4 Installation of 9m Strut Pole
Including:
i) 1 x L-Bracket
ii) 4 x Threaded Rod Assemblies
iii) Backfilling and compaction of Strut Pole Hole
 - 5 Installation of Normal Stay
Including:
i) 1 x Pole Top Make-off
ii) 3 x Guy Grip Dead Ends
iii) 1 x Stay Insulator
iv) Stay Wire, 7 x 4mm
v) 1 x Rope Thimble
vi) 1 x Stay Rod, 1.5m x 12mm
vii) 1 x Stay Plate, 450mm x 450mm
viii) Backfilling and compaction of stay hole
 - 6 Installation of Flying Stay
Including:
i) 2 x Pole Top Make-off
ii) 6 x Guy Grip Dead Ends
iii) 2 x Stay Insulator
iv) 17m Stay Wire, 7 x 4mm
v) 1 x Rope Thimble

- vi) 1 x Clevis Thimble
- vii) 1 x Eye Bolt Assembly 20mm x 350mm
- viii) 1 x Stay Rod, 1.5m x 12mm
- ix) 1 x Stay Plate, 450mm x 450mm
- x) Backfilling and compaction of Stay Hole
- Excluding: Installation of 9m pole measured elsewhere

7 Installation of a Rock Anchor

Including:

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

Excluding: Hole 1m x 32mm, measured elsewhere

C Installation of Conductors:

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

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

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

Including:

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

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

Including:

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

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

Including:

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

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

Including:

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

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

Including:

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

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

Including:

- i) 1 x Mounting Bracket CS-10 Aluminium
- ii) 2m Stainless Steel Strap

- iii) 2 x Stainless Steel Buckles
- iv) 1 x Installation of ABC Strain Clamp
- v) 6 x Installation of Piercing Connectors
- vi) 1 x Fixing of ABC by means of Cable Ties

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

Including:

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

D Surveying

E Traffic Control

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

ITEM 6: Service Connections - New Consumers

A House Service Connections:

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

B Excavation Work:

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

Including:

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

Excluding:

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

- 5 Digging of trenches by hand, 400mm Wide x 750mm Deep - Soft Soil
- 6 Digging of trenches by hand, 400mm Wide x 750mm Deep - Intermediate Soil
- 7 Digging of trenches by hand, 400mm Wide x 750mm Deep - Hard Soil, pick able

Including:

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

Excluding:

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

- 8 Installation of Earth Conductor, in trenches and through ducts, irrespective size
Installation of covered conductor or BCEW, 16mm² to 70mm²
Including: Termination and Jointing of Earth Wires, irrespective of size
- C Installation of Ducts
 - 1 Installation of 110mm PVC Sleeves - in ground
 - 2 Installation of 160mm PVC Sleeves - in ground
 - 3 Installation of 25/40/50mm Galvanised Conduit - against poles or walls
- D Traffic Control
Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced

**ITEM 7: Conversions of Service Connections
(Conventional to Prepaid & Vice Versa)**

- A House Service Connections:
 - 1 Installation of Meter back plate or split meter control board and wiring to distribution board
 - 2 Installation of Consumer Supply Cable, 25, 16 or 10mm² Airdac or PVCSWA, irrespective of cable length
 - 3 Installation of conventional, split or prepaid meter in pole mounted box or floor mounted kiosk / or prepaid meter base and Ready board in the house or kiosk.
Installation of Ready board and Certificate of Compliance
- B Site establishment
- C Traffic Control

ITEM 8: Streetlights: Installation, maintenance and erection

- A Excavation Work:
 - 1 Hole for Pole, 1.8m Soft Soil
 - 2 Hole for Pole, 1.8m Intermediate Soil
 - 3 Hole for Pole, 1.8m Hard Soil
 - 4 Hole for Pole, 1.5m Soft Soil
 - 5 Hole for Pole, 1.5m Intermediate Soil
 - 6 Hole for Pole, 1.5m Hard Soil
 - 7 Hole for Pole, 1m Soft Soil
 - 8 Hole for Pole, 1m Intermediate Soil
 - 9 Hole for Pole, 1m Hard Soil
 - 10 Hole for Pole, 1.8m x 405mm diameter - Rock Drill / Compressor
- B Construction
 - 1 Installation of 9 or 11m Streetlight Pole
Including:
 - i) Assembling of Pole
 - ii) Installation of Luminaire
 - iii) Installation of Circuit Breaker
 - iv) Installation of Wiring between Luminaire and Circuit Breaker

- v) Installation of Lamp
 - vi) Connection of Supply Cables
 - vii) Backfilling and Compaction
- 2 Installation of 5m - 7m Streetlight Pole
- Including:
- i) Assembling of Pole
 - ii) Installation of Luminaire
 - iii) Installation of Circuit Breaker
 - iv) Installation of Wiring between Luminaire and Circuit Breaker
 - v) Installation of Lamp
 - vi) Connection of Supply Cables
 - vii) Backfilling and Compaction
- 3 Installation of Streetlight Cables
- LV Cables, in trenches and through ducts, irrespective number of cores, Copper or Aluminium, Including:
- Installation of 1000V Cables, 10mm² - 25mm²
- Installation of 1000V Cables, 35mm² - 50mm²
- 4 Assembling and installation of Streetlight Control Kiosk
- Including:
- Circuit Breakers, Contactors, Photo Cell, Connection of Cable
- 5 Removal of existing Streetlight Control Kiosk
- Including:
- i) Digging out of Kiosk
 - ii) Disconnection and removal of cables
- 6 Installation of Outreach Arm, on new or existing pole
- 7 Replacement of Luminaire on existing pole (wood or steel Pole)
- 8 Replacement of Internal Wiring, irrespective length of pole
- 9 Replacement of Lamp, irrespective length of pole and size of Luminaire
- 10 Replacement of Ballast, irrespective length of pole and size of Luminaire
- 11 Replacement of Lens, irrespective length of pole and size of Luminaire
- 12 Replacement of Circuit Breaker, irrespective length of pole and size of Luminaire
- C Surveying
- D Traffic Control
- 1 Traffic Control and visibility of Workers form an integral part of every activity on this Tender and must be priced
- E Removal of Existing Streetlight Poles:
- 1 Removal of steel or wooden poles irrespective of length
- Including:
- i) Complete removal or Cutting of poles more than 300mm beneath ground level
 - ii) Removal of Outreach Arms

iii) Transport and Offloading at Bergrivier Municipal Stores, irrespective distance

ITEM 9: High Mast and Stadium Lights: Maintenance

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

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

Including:

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

Excluding: Crane hire, measured elsewhere

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

Including:

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

Excluding: Crane hire, measured elsewhere

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

Including:

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

Excluding: Crane hire, measured elsewhere

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

Including:

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

Excluding: Crane hire, measured elsewhere

ITEM 10: Mini-Substation Installation

A Excavation and Formwork:

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

Including:

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

B Installation Work

- 1 Installation of Mini-Substation

Collection of Mini-Substation at Piketberg Municipal Stores, transport to site and place on foundation, irrespective distance from Stores and kVA rating of Mini-Substation, normally 160kVA to 1000Kva

Including:

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

Excluding:

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

2 Removal of Mini-Substation

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

C Traffic Control

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

ITEM 11: Mini-Substation In-Service Maintenance

A Oil Leak Repairs:

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

B Site Establishment

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

ITEM 12: Trenching and installation of cables

A Excavation Work:

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

Including:

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

Excluding:

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

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

Including:

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

Excluding:

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

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

Including:

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

Excluding:

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

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

Including:

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

Excluding:

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

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

Including:

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

Excluding:

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

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

Installation of Cables:

B

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

i Installation of 11kV Cables, 35mm² - 50mm²

ii Installation of 11kV Cables, 70mm² - 95mm²

iii Installation of 11kV Cables, 120mm² - 185mm²

iv Installation of 11kV Cables, 240mm² - 500mm², including single core cables

Including:

Transport from Municipal Stores to Site, irrespective of distance

Excluding:

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

2

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

i Installation of 1000V Cables, 1.5mm² - 16mm²

ii Installation of 1000V Cables, 25mm² - 70mm²

iii Installation of 1000V Cables, 95mm² - 150mm²

iv Installation of 1000V Cables, 185mm² - 240mm²

v Installation of 1000V Cables, single core cables, irrespective of size

Including:

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

Excluding:

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

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

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

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

C Installation of Ducts

1 Installation of 110mm PVC Sleeves - in ground

2 Installation of 160mm PVC Sleeves - in ground

3 Installation of 25/40/50mm Galvanised Conduit - against poles or walls

D Cable Joints 11Kv

1 Heat Shrink Straight Joint, 16mm² - 70mm²

2 Heat Shrink Straight Joint, 95mm² - 150mm²

3 Heat Shrink Straight Joint, 185mm² - 300mm²

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

E Cable terminations 11kV

Indoor Termination (Heat Shrink)

Including:

i) Installation of securing devices

- ii) Installation of Lugs
- iii) Reconnection of Termination onto Switchgear
- iv) Installation of Flexible Boots

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

Outdoor Terminations (Heat Shrink)

Including:

- i) Removal of existing cable from pole or switchgear
- ii) Strapping of cable against pole, irrespective of Cable size
- iii) Installation of Earthing Kit
- iv) Installation of Lugs
- v) Reconnection of Termination onto Fuses or Terminal Post

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

F Traffic Control

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

ITEM 13: 11kV Oil, SF6 and Vacuum Breakers: Maintenance

- A Breaker, Recloser, Sectionalizer and Ring Main Units: Maintenance (Indoor: Reyrolle, Alstom, ABB – Outdoor: Schneider, Lucy, ABB, Lucy, GEC, Reyrolle, Hawker Siddeley, etc.)
- 1 Top Up or replace oil, SF6 gas or restore vacuum
- 2 Service mechanism and associated contact mechanisms, including control gear
- 3 Service and load test contacts
- 4 Repair oil or gas leaks
- 5 Repair all rusted items, zinc treat and respray
- 6 Repair/Replace of bushings and insulators
- 7 Site establishment fee

ITEM 14: Mini-Substations, Transformers & RMU's: Mechanical Maintenance of 11/0.4Kv

- A Transformer and Tap Changer Maintenance:
- 1 Top Up oil level
- 2 Check tap changer position, functionality and contacts – replace if degraded

- 3 Replace breathers & silica gel + breather oil
- 4 Repair oil leaks
- 5 Repair all rusted items, zinc treat and respray complete
- 6 Earthing test
- 7 Do oil sample tests on main and OLTC tank and report on the following and not limited to:
 - i) Moisture
 - ii) Dielectric strength
 - iii) Acidity
 - iv) Furanic Analysis
 - v) Dissolved Gas
 - vi) PCB
- 8 Repair transformer cooling fins
- 9 Repair of all valves and sampling points
- 10 Clean/Repair/Replace of bushings and insulators
- 11 Re-tighten all Bolts & Nuts
- 12 Record all LV fuses/circuit breakers info and inspect functionality
- 13 Check/Repair/Replace all locking devices if need be
- B Ring Main Unit Maintenance
 - 1 Replace the insulating oil or regas with SF6, if applicable, restore vacuum
 - 2 Check load switch mechanisms and functionality, including control gear
 - 3 Record Fuse sizes and relay settings and test fuses
 - 4 Check and test Earth Fault Detection devices
 - 5 Repair rust, clean, zinc treat and respray
 - 6 Ensure that supports are firmly attached to the plinth
 - 7 Test the Earthing and complete certificate
 - 8 Site establishment

ITEM 15: Mini-Substation On-Site Maintenance

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

- A Maintenance of Mini-Substations and Associated Equipment:
 - 1 Labour rate: preparation of steel cover plates, handles, hinges and locking mechanisms, including rust removal, welding in of plates or other.
 - 2 Labour rate: Base coat and final coats
 - 3 Labour rate: Installation of handles, hinges and locking mechanisms, etc.
- B Maintenance of Area in and Around Mini-Substation and Associated Equipment:
 - 1 Labour rate: cleaning of an area of 1 metre all around the equipment.
 - 2 Labour rate: Removal of trees or shrubs cleared from the 1 metre area.
 - 3 Labour rate: cleaning and removing pests and the effects of their presence, including long lasting control.
- C Site establishment:
 - 1 Site establishment (Transport and accommodation to Bergrivier Municipal Area)

ITEM 16: Electrical Pole Refurbishment

- A Refurbishment of poles, irrespective of length.
All refurbishment materials and equipment to be supplied by the Tenderer. Elevated work to be carried out with an Aerial Platform or equivalent device only (no ladders or scaffolding will be allowed).
- 1 Steel poles
- i) Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners
 - ii) Remove rust spots and treat with Zinc Galvanises
 - iii) Respray/repaint treated areas with Galvanises spray/paint
 - iv) Repair/Replace inspection cover plates (new bolts)
- 2 Fiber glass poles
- i) Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners
 - ii) Repair badly degraded, cracks or damaged spots and repair with glass fibre based product
 - iii) Respray/repaint treated areas with fibre glass compatible matching spray/paint
 - iv) Repair/Replace inspection cover plates (new bolts)
- 3 Concrete poles
- i) Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners
 - ii) Repair badly degraded or damaged spots and treat with cement-based product
 - iii) Respray/repaint treated areas with a matching colour spray/paint
 - iv) Repair/Replace inspection cover plates (new bolts)
- 4 Wooden poles
- i) Remove all binding wire, strings, rope, cable ties, moss, pamphlets, banners
 - ii) Repair badly degraded or rot damaged spots and treat with creosote-based product
 - iii) Treat and Fill all unused holes on the pole with creosote-based product
 - iv) Respray/repaint treated areas with a creosote compatible spray/paint
- B Site establishment
- 1 Site Establishment

ITEM 17: Under road drilling/boring - horizontal

- A Horizontal drilling/boring under public roads, roadways, rails, buildings, etc. Tenderer must supply own boring/drilling equipment and sleeves. Water will be supplied by Council. Council will prepare/excavate the site entry and exit points. Bentonite removal will be for tenderer's account as and when required to a Municipal site.
- 1 2 x 110mm, One Site, per meter
- 2 3 x 110mm, One Site, per meter
- 3 4 x 110mm, Two Sites, per meter
- 4 6 x 110mm, Three Sites, per meter
- 5 2 x 160mm, One Site, per meter
- 6 3 x 160mm, One Site, per meter
- 7 4 x 160mm, Two Sites, per meter
- 8 6 x 160mm, Three Sites, per metre
- 9 Butt weld (160mm)
- 10 Drill rig setup

11 Site establishment

ITEM 18: Electrical Certificate of Compliance Testing

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

1 Offices

- i) Tender per Distribution Board
- ii) Tender per room – irrespective of size
- iii) Repairs not to be included in the tender
- iv) Parts and material not to be included in the tender

2 Houses and Chalets

- i) Tender per house

3 Halls and Civic Centers

- i) Tender per Distribution Board
- ii) Tender per area
- iii) Repairs not to be included in the tender
- iv) Parts and material not to be included in the tender

4 Resorts

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

5 Certificate of Compliance

- i) Issue and submit original document

B Transport

1 Transport to Bergrivier Municipal Area

ITEM 19: Electrical Marking & Earth Leakage Testing:
Municipal Buildings

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

A Distribution Boards

Mark and Labelling of all the Distribution boards in the Municipal buildings and Holiday Resorts in the following Townships: Bergrivier area

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

Plug Sockets

Mark and labelling of all the plug circuits in the Municipal buildings and Holiday Resorts in the following Townships: Bergrivier Area

B i) Mark and labelling of all the plug circuits in the building

- ii) Test of all plug sockets with earth leakage tester according to the SANS 10142-1 regulations
- iii) Complete checklist and deviations for each Plug socket

C Earth Leakage Units

Testing of Earth Leakage units in the Municipal buildings and Holiday Resorts in the following Townships: Bergvliet area

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

ITEM 20: Electrical Work LV with Certificate of Compliance Testing

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

- 1 Plug circuit extension (surfix or drawn wires) – install
 - 2 Plug circuit fault finding and repair
 - 3 Light circuit extension (surfix or drawn wires) – install
 - 4 Light circuit fault finding and repair
 - 5 Geyser circuit (surface, wall or skirt mounted) – install
 - 6 Geyser circuit fault finding and repair
 - 7 Sub DB with feeder circuit extension single rail – install
 - 8 Sub DB with feeder circuit extension double rail – install
 - 9 New AC circuit (surface, wall or skirt mounted – surfix or drawn wires) with disconnect
 - 10 Replace Earth Leakage Unit, MCB, LCR, etc.
 - 11 Replace Geyser element
 - 12 Replace Geyser thermostat
 - 13 Replace plug – single or double
 - 14 Replace light and luminaire fittings – normal height
 - 15 Replace light and luminaire fittings – abnormal height (halls) – Council will supply lifting equipment
 - 16 New telecommunications point
 - 17 Connection of single and three phase stoves
 - 18 Earth and Earth Resistance testing with certificate
- B** Certificate of Compliance
- C** Site establishment

ITEM 21: Anti-vandalism work

Installation of Anti-vandalism methods to prevent cable losses

- A** Cable covering by means of concrete slabs or any other hold-down method
- 1 Opening of trench for new cable
 - 2 Laying the cable in a sand bed
 - 3 Covering the cable with sand and concrete slabs or other equipment/material
 - 4 Backfilling the trench
- B** Placing the cable in steel pipe and filling the pipe with cement
- 1 Secure steel pipe to pole, wall or lay in ground

- 2 Install cable and fill with cement
- 3 Build plinth around foot of pole (wall and pole mount)
- C Cement blocks or any other equipment/material over cable
- 1 Build cement structure over cable and fill with cement
- D Installation of other anti-vandalism devices
- 1 Install council approved devices over/onto cable by means of brackets and tie-downs

SCOPE

This tender comprises the provision of labour to perform specific task/projects on the medium voltage, low voltage and streetlight networks, as well as any related general electrical work as might become necessary from time to time.

Work covered by this specification involves trenching, cable and equipment installation, backfilling, reinstatement of surfaces, jointing of cables, planting of poles, overhead cable or conductor work, and other electrical reticulation activities for various Works Projects within the boundaries of Bergrivier Municipality, at rates tendered by the contractor in the Bill of Quantities for a period ending 30 June 2025.

All materials and equipment, except re-instatement material or as otherwise specified, will be supplied by the Electricity Department of Bergrivier Municipality and will be available for collection on commencement of the work at the local distribution depots of Bergrivier Municipality.

DESCRIPTION OF THE SITE AND ACCESS

The areas applicable include all areas in the Bergrivier Municipal area of supply.

The Service Provider shall ensure compliance to all Traffic Regulations and Bergrivier Municipality By-Laws during execution of the project.

The Service Provider shall be responsible for all negotiations with property owners, business owners, lessees and/or tenants on behalf of the Employer regarding arrangements for access to their premises necessary to execute the work including any inconveniences that the execution of the work might cause them. If necessary, the Service Provider shall liaise with and obtain input from the Client in this regard.

DETAILS OF THE CONTRACT

The works will be carried out as a direct electrical contract. Trenching and backfilling will be done by the Electrical Contractor.

CONSTRUCTION PROGRAMME

A detailed construction programme shall be submitted within seven (7) days of the commencement date for each task/project.

SITE FACILITIES AVAILABLE

Site facilities and any services required by the Contractor shall be negotiated directly with the Municipality

WORKS LAYOUTS

The general layout of the works will be identified by the client and shown on applicable drawings.

All material and equipment as supplied by the Municipality shall be installed as per the correct design guidelines provided by the Client at the start of a specific project.

COMPLIANCE WITH OH&S ACT

The complete installation shall be in accordance with the Occupational Health and Safety Act (Act 85, 1993), and must comply with all requirements as per the Construction Regulations of 2014.

For the protection of excavations, including trenches and poleholes, only plastic barricading netting will be allowed.

TESTING

Test certificates from the manufacturer for all 11 kV switchgear and transformers must be provided. The cable and earth measurements must be done with the Client present.

The earth resistance may not be more than:

- For MV earth electrode : 2 ohm
- For LV earth electrode : 10 ohm
- For switching stations : 1 ohm

All medium voltage cables must be pressure-tested as per the guidelines of the manufacturer. Certificates for these tests must be provided to the Client.

The Contractor shall have capacity to pressure test and issue test certificates for all newly laid Medium Voltage Cables before jointing is done. The Client will witness all pressure tests done by the Contractor. The Tests Certificates shall form part of the Project Files to be submitted to the Client.

All costs applicable to the above tests, and any other tests that might be required for proving the works to be safe and in compliance with the scope of work, shall be taken as included in the offer submitted.

CONTRACTOR OFFICE, STORES AND FACILITIES

The provision of a site office is not necessary for this contract. Store facilities for the entire duration of the contract must be provided by the Contractor as applicable.

ITEMS REQUIRING SPECIAL ATTENTION

As the work progresses, the Contractor must keep an accurate record of any variation or deviation from the original drawings as approved by the Client. The actual position of all equipment as installed on site shall be noted on the drawings. The completion certificate will not be issued unless these "as built" drawings have been submitted to the Client.

All existing equipment, fittings, accessories and other materials as applicable that need to be removed under this contract shall be delivered to the municipal stores in Piketberg, Porterville and in Velddrif. A delivery slip shall be prepared which must be signed by the municipal official taking possession of the equipment, fittings, accessories and other materials. A copy of the signed delivery slip shall be forwarded to the Engineer.

CABLE AND SERVICE CROSSINGS

The Contractor shall take care during trenching not to damage any existing services and shall liaise with the following parties to establish exact positions of services prior to trenching or installing poles. It is the responsibility of the Contractor to obtain wayleaves as necessary.

Bergvriër Municipality – Electrical

Bergvriër Municipality – Civil

Bergvriër Municipality – Sports and Facilities

Telkom/Neotel/Dark Fibre Africa (as applicable)

Eskom (as applicable)

CABLE JOINTS

Cable lengths in the schedule of quantities are provisional and the Contractor is responsible to determine the correct length of cable before it is cut. No joint will be allowed in any length of cable less than 300 metres.

BEACONS AND MARKERS

All necessary reference pegs shall be provided by others.

Cable markers must be placed as per the Client's instruction along all 11 kV cables at each street crossing, at each joint and at each sealed off point.

The markers shall be of the concrete type with aluminium plate indicating cable size, type, direction and "joint" as applicable

SECTION 2 : ELECTRICAL CONSTRUCTION

THE SPECIFIC TECHNICAL CONSTRUCTION DETAILS FOR THIS PROJECT ARE AS FOLLOWS:

11 kV UNDERGROUND CABLES

TYPE

The cables shall mainly be of the paper insulated 3-core type with lead cover and double steel tape armouring or as provided by the client.

INSTALLATION

The cables must be installed underground along the routes as shown on the drawings to be issued by the client. The provision of the required bedding for the cables, backfilling and compacting shall be in accordance with SANS 1200.

Warning tape shall be installed 400 mm above the cable. The position of the cable trenches must be finalised with the Client before excavations start. All 11 kV cables must be installed 1 000 mm underground. A 100mm bedding and 200mm blanket consisting of clean sand shall be used for the installation of the cable.

The Contractor shall ensure that all trenches are excavated to the required depth and clean on the morning of cable installation. The Contractor shall ensure that the trench floor is free of stones.

Cables shall be installed in accordance with the manufacturer's instructions either by hand or by winch only (and NOT with the aid of a vehicle). An adequate number of cable rollers shall be used to avoid cable damage. Cable rollers shall be arranged to support the cable during pulling in with special attention being paid at points where a change in trench direction takes place. On a straight length of cable trench, the cable rollers shall be placed a maximum of 4 metres apart.

Under no circumstances shall the minimum bending radius of the cables be exceeded while manoeuvring the cables during the installation process. Minimum bending radii are specified as 10 x outer diameter of LV cables, 12 x outer diameter of 11 kV PILCSTA cables and 17 x outer diameter of 11 kV XLPE insulated cables (i.e. the size of the belly of the cable drum from which the cable is removed).

Medium voltage cables which are to be cut and that cannot be terminated immediately shall be sealed by lead plumbing / wiping of the exposed end, in addition to fitting a heat shrink cap.

Cable protection reinforced concrete slabs, "vibracrete" type, or as confirmed by the client, must be installed 300mm above the cables.

All street-crossings shall be by means of 160 mm PVC ducts. Only one 11 kV cable per duct will be allowed.

All cable connections to equipment shall be by means of "RICS" type boot kit terminations.

Cable jointing shall be by means of heat-shrink type joint kits. The Contractor's jointers shall provide their own tools which shall be in good condition and conducive to quality workmanship. The tools shall be available for inspection before commencement of duties. The Contractor is responsible for the safety of all employees and

equipment pertaining to and surrounding the work being carried out. Under no circumstances may the jointing/termination work be left unattended until the job is completed.

**MINIATURE SUBSTATIONS
TYPE**

The miniature substation shall be supplied and installed on the positions as shown on the drawings or as indicated by the client.

Numbering system will be as on the drawings but needs to be confirmed before manufacturing. All labels, inside and outside, shall be fastened using stainless steel pop-rivets.

A 20mm thick wax impregnated polyurethane foam strip shall be placed between the miniature substation base frame and the plinth.

Where practically possible, a 4 x 6m galvanised steel palisade with details as per the included drawings shall be constructed around the miniature substation.

RING MAIN UNIT

The ring main unit, the transformer and the low voltage compartments shall form an integral part. The MV cable shall be terminated on the ring main unit with heat-shrink terminations and RICS boots.

The relay on the breaker of the ring main unit shall be set for the miniature substation size.

The incoming cable feeder shall be equipped with the earth fault indicator.

TRANSFORMER

The transformer will be of the hermetically sealed.
The rating of each transformer is as shown on the drawings.

LOW VOLTAGE COMPARTMENT

The low voltage compartment of the miniature substations must contain the equipment in accordance with the panel layout as shown in the single line diagrams as provided by the client.

This compartment must also contain the circuit for street-light control as shown in the single line diagrams. The streetlight contactor shall be housed on the side of the miniature substation together with the rest of the streetlight control.

Labels must be provided according to the above-mentioned drawings.

The low voltage cable shall be terminated by using K-clamps.

EARTHING

The miniature substation shall be earthed at the MV and LV side. The two earths shall be interconnected if an earth reading of 1 ohm is achieved.

The MV earth electrode shall consist of a 60 m 70 mm² hard or soft drawn copper conductor. A continuous copper conductor rated at the next standard size of half the cross sectional area of the LV cable (as shown on the drawings), with a minimum of 35 mm², will be installed on the LV side which run together with all low voltage cables and connected onto the neutral busbars of the kiosks.

Equipotential earthing, 70 mm² hard or soft drawn copper conductor, shall also be installed around the miniature substation and connected onto the earth point of the miniature substation as indicated on the included general drawings.

**11 kV RING MAIN UNIT
TYPE**

Ring main units for outdoor use and with specific configurations shall be provided by the client and installed on the positions as shown.

Numbering system will be as on the drawings but needs to be confirmed before manufacturing.

INSTALLATION

The specific position of the ring main unit will be shown on site by the Client. The relays on the breakers in the ring main unit shall be set for maximum currents as confirmed by the Client. Confirmation of these settings shall be provided with the RMU test certificates.

TERMINATION OF MV CABLES

The 11 kV cables must be connected to the ring main unit by means of proper "RICS" type boot kit terminations. When viewed from the front, the position of the phases shall be as follows :

Left : Red
Centre : White
Right : Blue

EARTHING

The design of the ring main unit shall be such that earthing of all the feeders is integral. A MV earth electrode of 60 m 70 mm² bare copper conductor must be provided for the ring main unit.

Equipotential earthing, 70 mm² hard or soft drawn copper conductor, shall also be installed around the ring main unit and connected onto the earth point of the miniature substation as indicated on the included general drawings.

POLE MOUNTED TRANSFORMERS

TYPE

The pole mounted transformers will be of the SABS 780 type and provided by the Client.

INSTALLATION

The transformers shall be installed on H-frame structures, or as otherwise confirmed by the Client, and on the positions as indicated on the drawings to be provided by the Client.

FUSE PROTECTION

A set of drop-out fuses shall be installed between the transformer and the MV overhead line. The fuses shall be properly rated for the transformer size.

SURGE ARRESTORS

Correct MV metal oxide type surge arrestors housed in a silicon rubber body shall be installed between the medium voltage bushings of the transformer and the medium voltage earth electrode.

EARTHING

The transformer shall be earthed on both the low and medium voltage sides according to typical drawings included. The two earth electrodes shall be separated by a minimum of 5 metres. A neutral surge arrestor (6 kV, 10 kA) shall be installed between the low voltage neutral terminal and the transformer tank. (Medium voltage earth).

A three-point star configuration shall be used as earth electrodes. Four earth spikes shall be used, with each of the three legs 10 m in length. All earth conductors shall be minimum 35 mm² copper.

11kV OVERHEAD LINES

CONDUCTOR TYPE

Conductors as provided by the Client shall be installed on creosoted wooden poles. Care shall be taken that the correct type and size conductor is used in line with the details of the work requested.

INSTALLATION

All installations shall be constructed along the specific routes as shown on the drawings or as indicated by the client.

At intermediate structures, a delta-configuration with A-frames shall be used. The insulators shall be of the Class A post type as per the Data Sheets.

At strain structures, A-frames with correct strain insulators as per the Data Sheets shall be used.

At street crossings, poles shall either be equipped with compression dead-end connections with strain insulators on both sides of the road, or intermediate structures with special road crossing twin ties on Class A 10 kN insulators. (For this contract, the latter is preferred).

All poles shall be 11 m creosoted wooden type, with minimum pole top diameter of 180 mm. Planting depth of 11 m poles shall be 1,8 m.

Stay warning pipes shall be installed on all stays. These stay guards shall enclose the stay wire from the top of the stay rod to minimum 2m above ground. The pipes shall be painted bright yellow with black stripes and must be easily visible during day or night time. A clamp shall be fitted to the stay wire just above the warning pipe to prevent any sliding of the pipe along the stay wire.

Poles are to be planted to the depths stipulated in the following table.

Pole length	Planting depth (mm)
15m	2500 mm
13m	2200 mm
11m	1800 mm
9m	1500 mm
8m	1400 mm
7m	1300 mm
5m	1000 mm

Planting depths for poles not listed are to be confirmed with the Engineer.

LOW VOLTAGE UNDERGROUND CABLES TYPE

The cables will be of the PVC SWA PVC 4-core type with specific conductor type and sizes as confirmed by the client.

INSTALLATION

The cables must be installed underground along the routes as shown on the drawings. The cable must, where applicable, be installed in the same trench as the MV cable and other services.

All street-crossings shall be by means of 110 mm PVC ducts. Only one LV cable per duct will be allowed.

Cables must be buried 750 mm deep with warning tape 400 mm above it. A 100mm bedding and 200mm blanket consisting of clean sand shall be used for the installation of the cables.

The Contractor shall ensure that all trenches are excavated to the required depth and clean on the morning of cable installation. The Contractor shall ensure that the trench floor is free of stones.

Cables shall be installed in accordance with the manufacturer's instructions either by hand or by winch only (and NOT with the aid of a vehicle). An adequate number of cable rollers shall be used to avoid cable damage. Cable rollers shall be arranged to support the cable during pulling in with special attention being paid at points where a change in trench direction takes place. On a straight length of cable trench, the cable rollers shall be placed a maximum of 4 metres apart.

Under no circumstances shall the minimum bending radius of the cables be exceeded while manoeuvring the cables during the installation process. Minimum bending radii are specified as 10 x outer diameter of LV cables. The cables shall be terminated at the miniature substations and kiosks using K-clamps.

A continuous earth conductor shall be installed together with all the LV cables and terminated in the miniature substation and kiosks.

Cables shall be labelled at all termination points with information on cable type, size and destination.

GROUNDSTANDING CONSUMER DISTRIBUTION UNITS (CDU) TYPE

The CDU will be of the kiosk type as provided by the client. The switchgear shall face the road with the cable entries on the erf side. The total number of consumers, phasing and layout of circuit breakers shall be as shown on the single line diagrams to be provided by the client.

INSTALLATION

The CDU's shall be installed on the positions as shown on the drawings or as indicated by the client.

After installation of the CDU and all the cables, it shall be backfilled with a weak sand cement mix.

The CDU must be provided with a UNISTRAT or similar/equivalent channel section for fastening of all cables by means of K-clamps.

External labels for the kiosks shall be fastened using 6 x pop-rivets, two at both sides and two in the middle.

EARTHING

The continuous earth of the LV network shall be connected onto the earth bar in the CDU. The neutral shall be connected to the earth bar.

No T-off from the earth conductor is permitted and all earth conductors shall be terminated separately in the CDU.

OVERHEAD LOW VOLTAGE BUNDLE CONDUCTORS

TYPE

The overhead bundle conductors will be of the 4-core type (neutral supported) and with one additional conductor for street-lighting, as provided by the Client.

INSTALLATION

The bundle conductors shall be installed on 9 m poles and on the positions as shown on the drawings or indicated by the Client.

The 9 m poles shall have minimum top diameters of between 140 and 160 mm. Planting depths shall be 1,5 m for the 9 m poles.

Stay warning pipes shall be installed on all stays. These stay guards shall enclose the stay wire from the top of the stay rod to minimum 2m above ground. The pipes shall be painted bright yellow with black stripes and must be easily visible during day or night-time. A clamp shall be fitted to the stay wire just above the warning pipe to prevent any sliding of the pipe along the stay wire.

All strut poles, transformer poles and cable installation poles must be equipped with anti-climbing strips.

EARTHING

The neutral conductor shall be earthed at the start and end of the lines, at each T-of point and at any other point necessary in order not to have more than 200 m between earth points.

The earthing conductor on the poles shall be of the insulated 16 mm² type, and protected by a 4 m galvanised pipe against poles. The wire shall be fastened to the pole with u-nails for the total length above the galvanised pipe. The earth electrode shall be such that the required maximum of 10 ohm earth resistance is achieved. Poles are to be planted to the depths stipulated in the following table.

Pole length	Planting depth (mm)
15m	2500 mm
13m	2200 mm
11m	1800 mm
9m	1500 mm
8m	1400 mm
7m	1300 mm
5m	1000 mm

Planting depths for poles not listed are to be confirmed with the Engineer.

POLE-MOUNTED CONSUMER DISTRIBUTION UNITS

TYPE

The consumer distribution units shall be of the specific type as provided by the Client.

The total number of consumers and layout of circuit breakers shall be as shown on the single line diagrams. Where the active parts of pre-payment meters is necessary to be installed, these active parts of the meters shall be installed with separate neutral connections from the neutral bar to each unit.

External labels and warning signs shall be fastened using stainless steel pop-rivets. The name label of the kiosk shall be pop-riveted in the middle as well.

INSTALLATION

The consumer distribution units shall be installed on the poles as shown on the drawings. It shall be installed underneath the bundle conductor.

The CDU shall be connected onto the overhead bundle conductors by means of 25 mm² PVC insulated copper conductors, and by using brass glands in the kiosk. Phasing shall be as shown on the single line diagram. A single combined earth/neutral conductor shall be used. Only one phase shall be used per CDU. The neutral conductor shall be clamped twice.

Where required for 3-phase connections, 4 x 25 mm² PVC insulated copper conductors shall be installed between the kiosk and the overhead bundle conductors.

UNDERGROUND CONSUMER CONNECTIONS

TYPE

All cables shall be of the type as confirmed by the Client.

INSTALLATION

The cables must be installed underground along the routes as shown on the drawings or as confirmed by the Client. The cables must, wherever applicable, be installed in the same trench as other services.

All street-crossings shall be by means of 110mm PVC ducts. A maximum of 4 consumer cables will be allowed per duct.

Cables must be buried 750 mm deep, with warning tape 250 mm above it.

A continuous earth conductor shall be installed together with all the consumer connection cables.

The Contractor shall be responsible for the identification of the consumer connections prior to the relocation to the new networks. All new labelling must be done by the Contractor.

OVERHEAD CONSUMER CONNECTIONS (FOR BNG HOUSING AREAS)

TYPE

The cables must be of the Airdac SNE type with copper conductors (split concentric) or as confirmed by the Client.

INSTALLATION

The cables must be installed overhead along the routes as shown on the drawings or as indicated by the Client.

The consumer connection cable shall be installed from the pole-mounted kiosk to the house. For informal houses a 4m pole shall be planted at each house from where the house will be connected. Correct wedge type clamps suitable for the specific consumer cable, and pigtail bolts shall be used at the pole and the house. Each connection shall have its own wedge clamp and a maximum of 3 wedge clamps shall be installed per pigtail.

The consumer cable shall form a "drip loop" before entering the wall of the structure. It shall be taken through the wall and terminated in the distribution board. Where applicable, the specific installation of the distribution board as well as the method of installation of the consumer cable will be confirmed by the Client on site.

STREET-LIGHTING

TYPE

Specific type poles and luminaires will be confirmed and provided by the Client, and will differ between the areas.

INSTALLATION

Poles shall be planted on the positions as shown on the drawings and as verified on site.

The electrical supply shall be taken from the supply points as shown on the drawings and confirmed by the Client.

A 5 A, 6 kA circuit breaker shall be installed at the inspection opening of the poles as applicable.

For overhead systems, the streetlights shall be fed from the overhead bundle conductor system by means of correct IPC's and either 10 mm² SNE type Airdac cable, correct illumination wire or any other means approved by the Client. It shall be installed on top of the poles, i.e. with the bundle conductor below the streetlight.

Separate IPC's shall be used for the neutral and earth conductors. All combined neutral/earth conductor connections shall be made by using two (2) IPC's.

For the installation of LED type luminaires without an integral circuit breaker, a separate single pole circuit breaker in a protective cover shall be installed between the luminaire and the overhead supply system.

STREET-LIGHT CABLE

The street-light cable shall be of the type as confirmed by the Client, but will primarily be a 3-core PVC SWA PVC type. The routes will be as on the drawings to be provided by the Client.

All street crossings shall be by means of 110 mm Ø sleeves.

The cable terminations inside the poles for live, neutral and earth conductors shall be done by using Pratley or similar/equivalent end-connectors with colour coded insulating sleeves. The specific pole's circuit breaker and light fitting shall be fed from the connectors.

EARTHING

The third conductor of the 3-core cable shall be used as earth conductor and shall be terminated in each pole. All luminaires and steelwork shall be earthed. The inspection opening cover shall also be earthed to the earth point inside the pole.

At all end poles a 15m x 35mm² bare copper trench earth shall be installed, and earth readings taken.

GENERAL

CABLE TRENCHES

All excavations must comply with SANS 1200 LC.

The general soil conditions will vary from area to area. The Contractor shall familiarise himself with the various ground conditions found in each area. For the purposes of this contract and due to the different soil conditions, excavations shall be classified into "Normal Excavation", "Difficult Excavation" and "Hard Rock Excavation". The Engineer shall approve the classification of any excavation and the rate used before work is done. The Contractor shall identify and mark all areas that are to be excavated by chalk to indicate the cable route and to ensure straight lines for excavations.

Normal Excavations

Digging, loosening or removal of the soil material making use of normal hand tools e.g. pick, shovels etc.

b) Difficult Excavations

Digging, loosening or removal of hard material that can only be practically done with the use of mechanical plant. Hard dry clay, soil containing layers of rock, paved surfaces, road crossings etc can be categorised as difficult excavation materials. The Contractor shall obtain authority before any difficult excavation is done.

c) Hard Rock Excavations

Hard rock excavation shall be excavation in material that cannot be efficiently removed without blasting or without wedging and splitting before removal. The Contractor shall obtain authority before any hard rock excavation is done.

The excavations for this project will be done by the electrical contractor. The electrical contractor will be responsible for checking the depth of the trenches and the compliance thereof with requirements.

The electrical contractor shall do the excavations according to the drawings. He shall also provide appropriate bedding and blanket (100mm thickness each). The electrical contractor will be responsible for laying the cable. The electrical contractor shall do the backfilling and install the danger tape. Trenches for road crossings shall be backfilled with clean compactable sand and excavated material removed from site.

All re-instatements of the disturbed areas shall be done by the electrical contractor to the satisfaction of the Engineer. For asphalted road surfaces a 30mm thick continuously graded medium asphalt layer using 60/70 penetration grade asphalt on MC-30 cutback bitumen prime coat shall be put down, whilst for pavements/sidewalks it shall be 20mm thick fine graded asphalt using 60/70 penetration grade asphalt on MC-30 cutback bitumen prime coat. Proper sub-base material to the Engineer's approval shall be used.

Where trenching in an asphalt covered area is necessary, the asphalt shall be saw cut before excavation so as to leave a neat edge.

All excavated trenches shall be in a straight line, where possible, and marked out by using a chalk line. Where cable trenches change direction the excavated trench shall always result in the installed cable's bending radii within the required limit as directed by the manufacturer. Under no circumstances shall this minimum bending radius be reduced.

DUCTS

Sleeves for electrical services shall be class 34 uPVC or class 400 Corflo, provided by the employer but installed under this contract as necessary.

A draw wire shall be installed in each duct. The ducts shall extent 1,0 meter from the kerb line and the kerb shall be marked with a grooved "E" and vertical lines that shall indicate the number of ducts. Grooves to be painted red.

The ducts shall be buried 1,0 meter deep and the ends shall be sealed off.

Trenches for sleeves shall be backfilled with clean sand and compacted. Re-instatement shall be done as per the requirements of the specific area.

For directional drilling all sleeves shall be of the HDPE type and must be provided by the Contractor.

SECTION 3: APPLICABLE STANDARDS AND SPECIFICATIONS

The following minimum specifications will form an integral part of the contract as applicable, but are not provided with this document:

SANS 507 / NRS 034 - GUIDELINES FOR THE PROVISION OF ELECTRICITY DISTRIBUTION NETWORKS IN RESIDENTIAL AREAS

SANS 1200 AA - GENERAL (SMALL WORKS)

SANS 1200 C - SITE CLEARANCE

SANS 1200 LC - CABLE DUCTS

SANS 1029 - MINIATURE SUBSTATIONS FOR RATED AC VOLTAGES UP TO 24KV

SANS 10198 - THE SELECTION, HANDLING AND INSTALLATION OF ELECTRIC POWER CABLES OF RATING NOT EXCEEDING 33KV

SANS 097 - ELECTRIC CABLES – IMPREGNATED PAPER-INSULATED METAL-SHEATHED CABLES FOR RATED VOLTAGES 3,3/3,3 KV TO 19/33 KV

SANS 1418 - AERIAL BUNDLED CONDUCTOR SYSTEMS
SANS 10280 - OVERHEAD POWER LINES FOR CONDITIONS PREVAILING IN SOUTH AFRICA
SANS 182 - CONDUCTORS FOR OVERHEAD ELECTRICAL TRANSMISSION LINES
SANS 1339 - ELECTRIC CABLES – CROSS LINKED POLYETHYLENE (XLPE) INSULATED CABLES FOR RATED VOLTAGES 3,8/6,6 KV TO 19/33 KV
SANS 10142-1 - THE WIRING OF PREMISES PART 1
SANS 60056 - HIGH VOLTAGE ALTERNATING CURRENT CIRCUIT BREAKERS
SANS 60265-1 - HIGH VOLTAGE SWITCHES PART 1 : SWITCHES RATED FOR VOLTAGES 1KV AND LESS THAN 52KV
SANS 1524-1 - ELECTRICITY PAYMENT SYSTEMS PART 1 : PREPAYMENT METERS
SANS 1619 - SMALL POWER DISTRIBUTION UNITS (READY BOARDS) FOR SINGLE PHASE 230V SERVICE CONNECTIONS
SANS 60044 - INSTRUMENTATION TRANSFORMERS
SANS 1652 - BATTERY CHARGERS – INDUSTRIAL TYPE
SANS 10199 - THE DESIGN AND INSTALLATION OF AN EARTH ELECTRODE
SANS 10292 - EARTHING OF LOW-VOLTAGE (LV) DISTRIBUTION SYSTEMS

SANS 10098 - PUBLIC LIGHTING
SANS 1277 - STREET LIGHTING LUMINAIRES
SANS 753 - PINE POLES, CROSS ARMS AND SPACERS FOR POWER DISTRIBUTION, TELEPHONE SYSTEMS AND STREETLIGHTING
SANS 60305 - INSULATORS FOR OVERHEAD LINES WITH NOMINAL VOLTAGE ABOVE 1000V – CERAMIC OR GLASS INSULATOR UNIT FOR AC SYSTEMS – CHARACTERISTICS OF INSULATOR UNITS OF THE CAP AND PIN TYPE
SANS 60383 - INSULATORS FOR OVERHEAD LINES WITH NOMINAL VOLTAGE ABOVE 1000V
SANS 60720 - CHARACTERISTICS OF LINE POST INSULATORS
SANS 60815 - GUIDE TO THE SELECTION OF INSULATORS IN RESPECT OF POLLUTED CONDITIONS
SANS 61109 - COMPOSITE INSULATORS FOR AC OVERHEAD LINES WITH A NOMINAL VOLTAGE GREATER THAN 1000V
NRS 032 - SERVICE DISTRIBUTION BOXES – POLE MOUNTED TYPES FOR OVERHEAD SINGLE PHASE AC SERVICE CONNECTIONS AT 230V
NRS 038 - CONCRETE POLES
NRS 056 - SERVICE DISTRIBUTION BOXES – METER KIOSKS AND DISTRIBUTION KIOSKS
NRS 066 - MEDIUM VOLTAGE INSULATORS
NRS 018 - FITTINGS AND CONNECTORS FOR LOW VOLTAGE OVERHEAD POWER LINES USING AERIAL BUNDLED CONDUCTORS
NRS 033 - ELECTRICITY DISTRIBUTION – GUIDELINES FOR THE APPLICATION DESIGN, PLANNING AND CONSTRUCTION OF MEDIUM VOLTAGE OVERHEAD LINES UP TO AND INCLUDING 33 KV, USING WOODEN POLE STRUCTURES AND BARE CONDUCTORS
NRS 057 - CODE OF PRACTISE FOR ELECTRICITY METERING

The latest edition at the time of tender of the above specifications shall apply.

BRIEF SPECIFICATIONS

IMPORTANT NOTICE

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

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

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

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

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

Also note that all activities on this tender will take place in the Bergrivier Municipal Area. All equipment must be collected from the Municipal Stores or Electrical Workshops as far as possible.

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

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

General Item Specifications applicable on most items

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

Surveying

Route establishment and clarification with Council.

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

Pegging out of route and GPS data capturing.

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

B. Traffic Control

Including, but not limited to:

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

SECTION 4 : TENDER DRAWINGS

GENERAL

The following drawings shall form part of the specification. Any discrepancy between specifications and drawing shall be referred to the Client for resolution.

LIST OF PROJECT DRAWINGS

Description

- 20051E/01 - Typical details for traffic accommodation
- 20051E/02 - Typical details of cable trenches and re-instatement
- 20051E/03 - Typical details of medium voltage cable termination onto overhead line
- 20051E/04 - Typical details of pole mounted transformer installation
- 20051E/05 - Typical details of low voltage cable termination onto bundle conductors
- 20051E/06 - Typical details of minisub installation with earthing and fencing

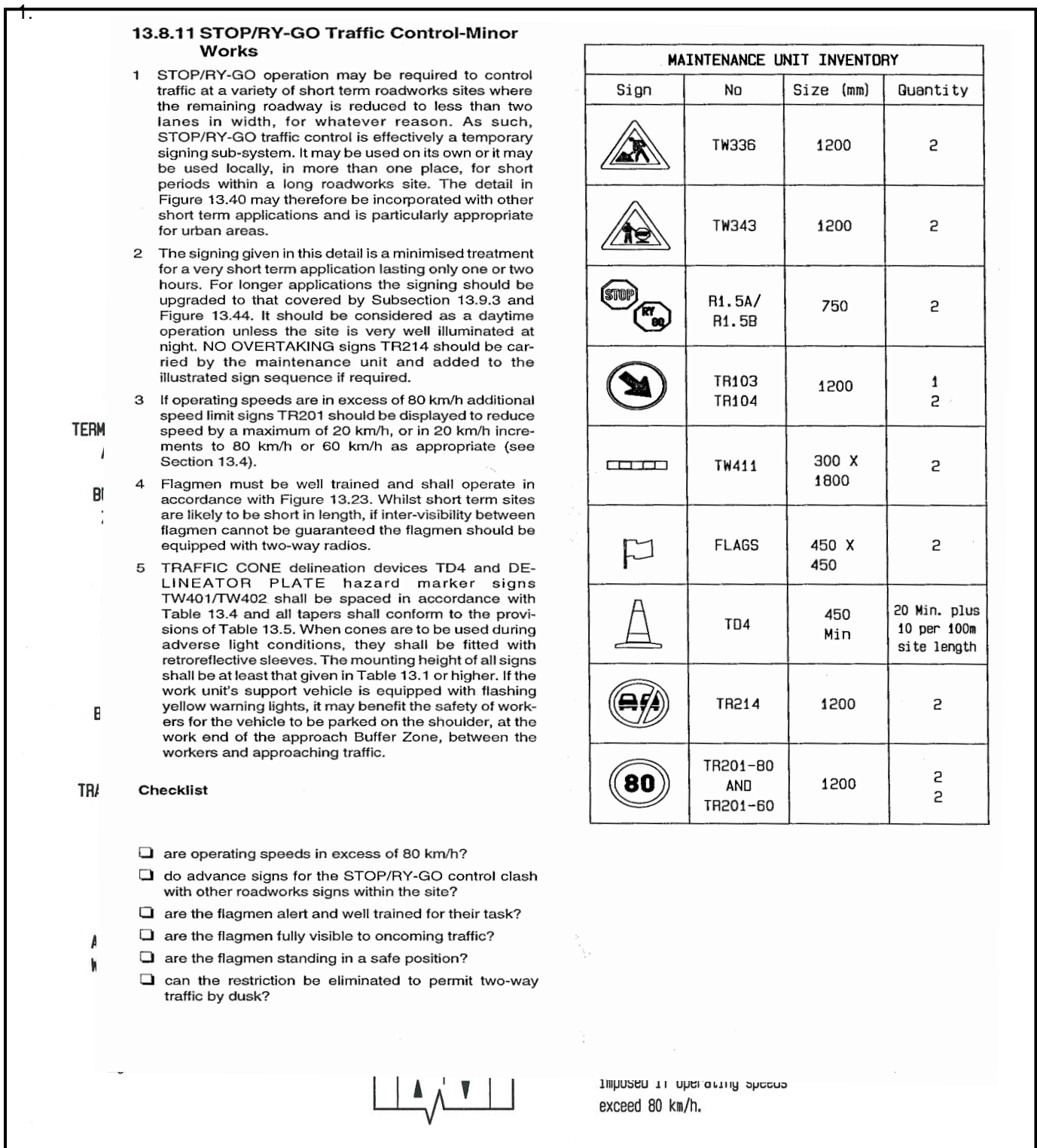


Fig. 13.40 STOP/RV-GO Traffic Control - Minor Works

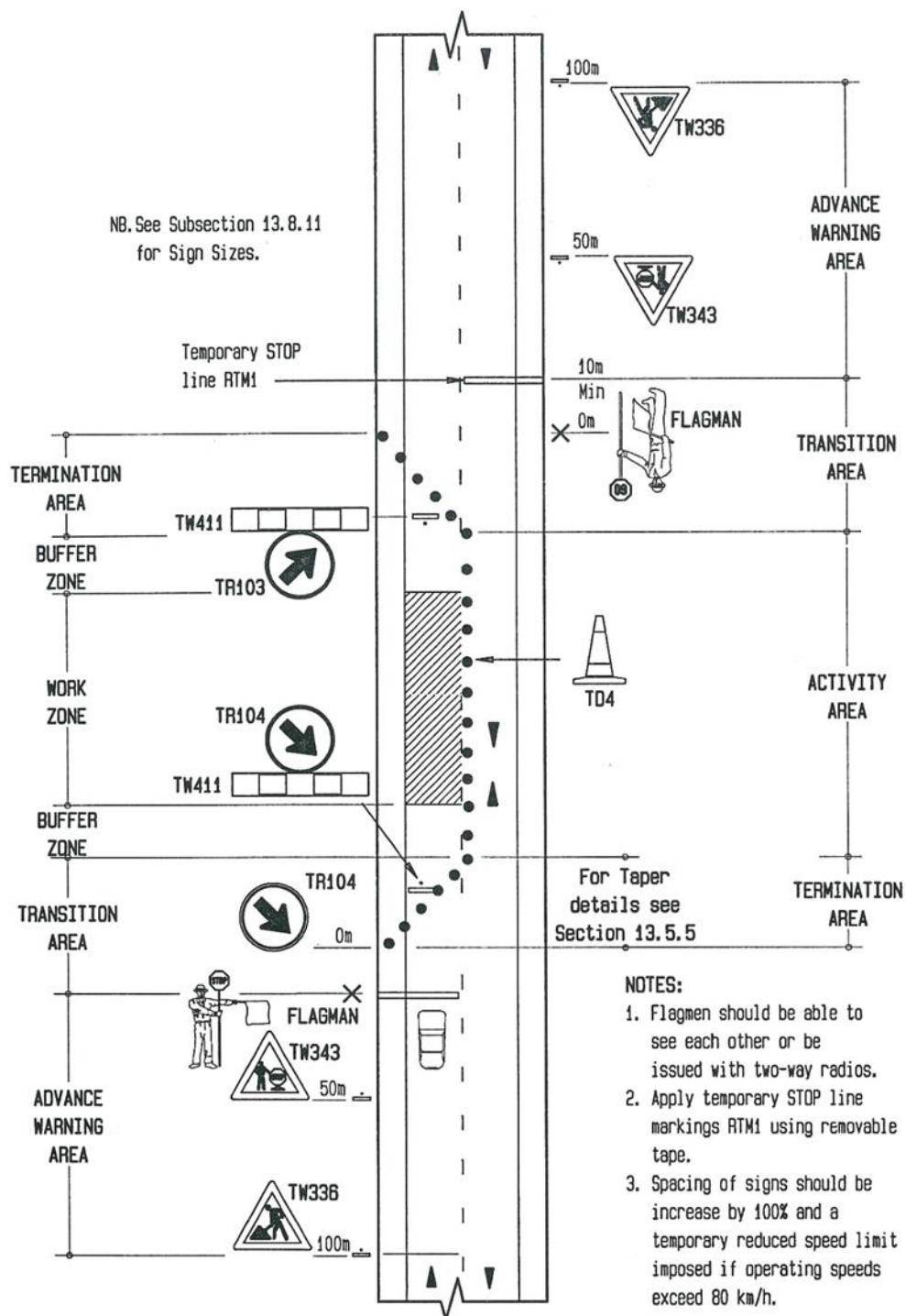


Fig. 13.40 STOP/RY-GO Traffic Control - Minor Works

2. Details for temporary traffic signals for half width road closures

13.10.3 Temporary Traffic Signals

- 1 Temporary traffic signals are an alternative form of temporary traffic control for use on two-way roads which are reduced to one-way operation during roadworks. The use of temporary traffic signals is appropriate at any time, subject to cost effectiveness, as an alternative to the manual STOP/RV-GO operation. However, their use is recommended when such restricted conditions have to be maintained during the hours of darkness.
- 2 The arrangement of light aspects of temporary traffic signals shall conform to the prescribed arrangements for permanent signals as illustrated in Volume 1. All component dimensions and installation dimensional criteria for temporary traffic signals shall conform to details given in Volumes 3 and 4.
- 3 The operation of temporary traffic signals may utilize any appropriate, proven, electrical/electronic control system, either linked by cable or not, **provided adequate fail-safe back-up systems are included.**
- 4 Ideally, the timing of temporary traffic signals should be closely related to actual vehicle arrivals (vehicle actuation) rather than by means of fixed time cycles. Where necessary, detection devices should include the ability to detect the presence of vehicles at the STOP LINE and give an indication of queue length. Due to the dual direction, alternating one-way operation associated with traffic signals in a roadworks installation, it is necessary that a long, specifically calculated, clearance all-red period be provided. This will allow the last vehicle to enter the section sufficient time to leave it, before opposing traffic is released.
- 5 In a similar manner to STOP/RV-GO operation, temporary traffic signals may be operated in isolation at a localised site or as part of the overall traffic control signing of a major roadworks site.
- 6 Figure 13.57 shows a typical urban traffic signal application with short advance warning distances. Provided a power source is available, temporary traffic signals may be used in rural situations. When used on a road with high vehicle approach speeds, all advance warning signs should be located at distances consistent with rural roadworks sign sequences (see Section 13.9).

Checklist

- ☐ will the need for one-way operation extend into dusk and night time?
- ☐ is a power supply available?
- ☐ are traffic volumes known in order to set up cycle limit criteria under vehicle actuated operation?
- ☐ what are the fail-safe characteristics of the equipment?
- ☐ are the advance warning signs correctly located for appropriate vehicle approach speeds?
- ☐ will the end of a queue always be visible to approaching vehicles within stopping sight distance requirements?

TYPICAL SIGN REQUIREMENTS			
Sign	No	Size (mm)	Quantity
	TR103 TR104	900	1 1
	TW301	900 ⁽¹⁾	2
	TW329 TW330	900 ⁽¹⁾	1 of each
	TD4	450	Taper 24 plus 10 per 100m
	TIN 11.3	900 ⁽¹⁾	2
(1) Sizes indicated for 60km/h. Increase to 1200mm for over 60km/h or for rural use.			

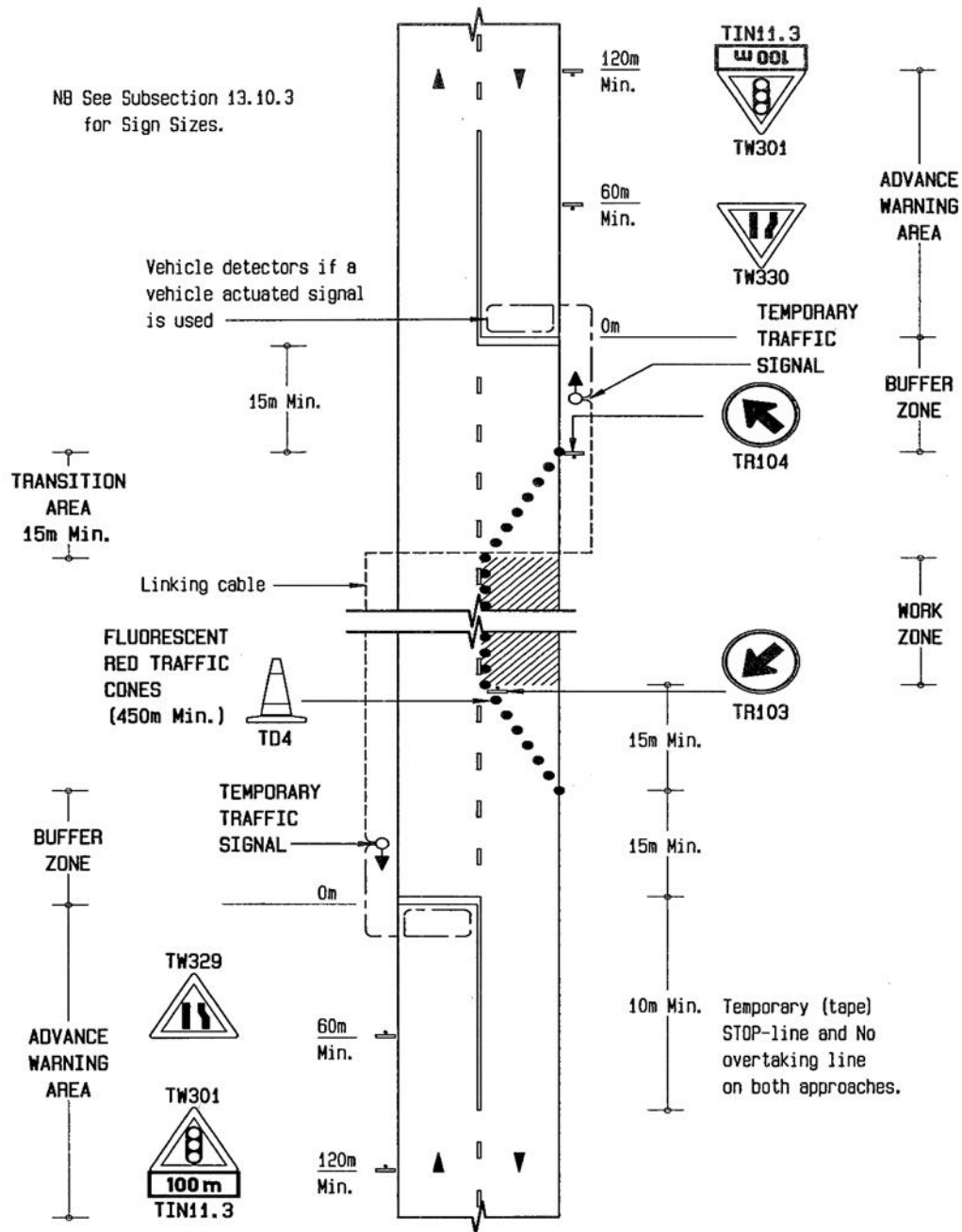
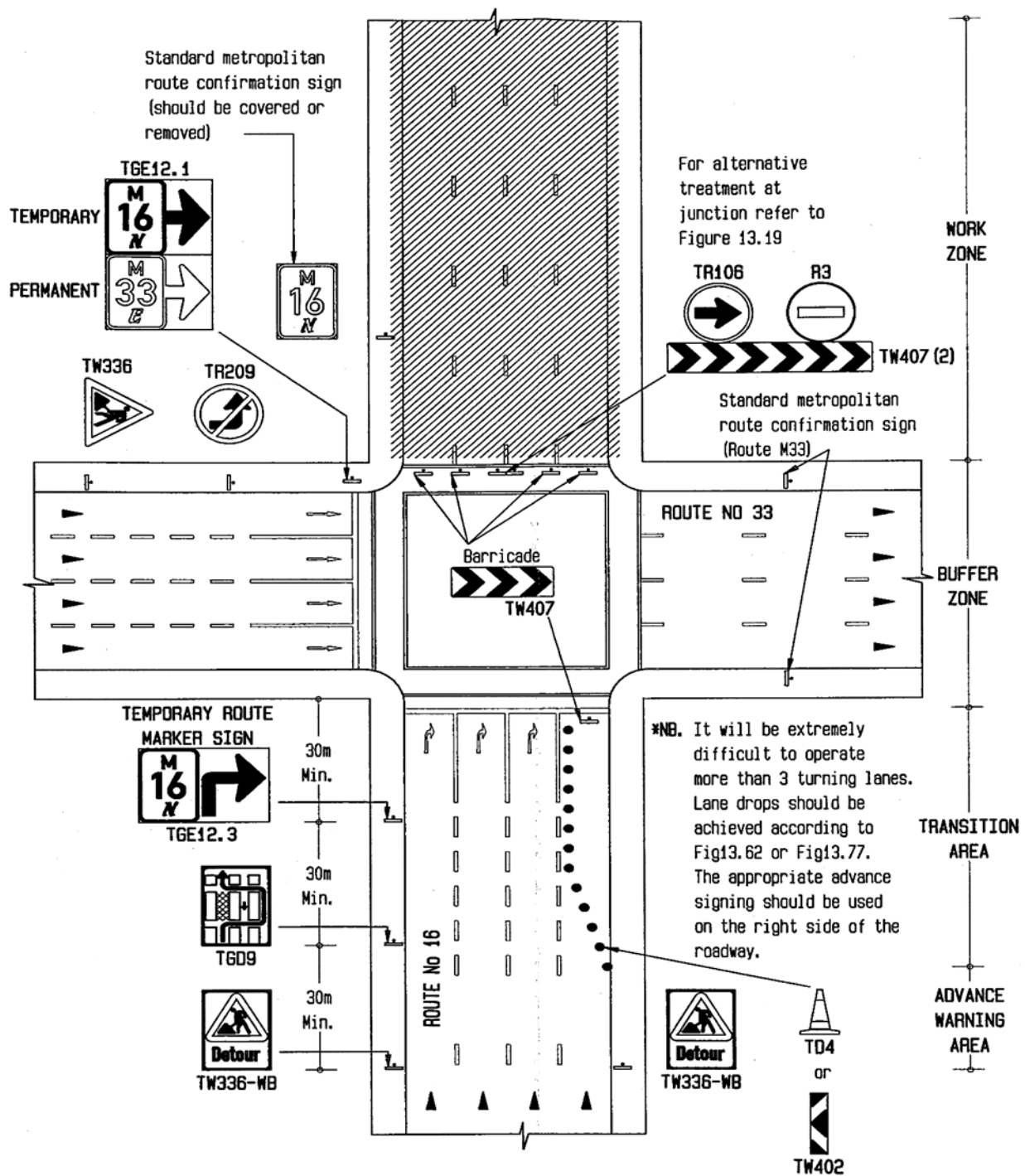


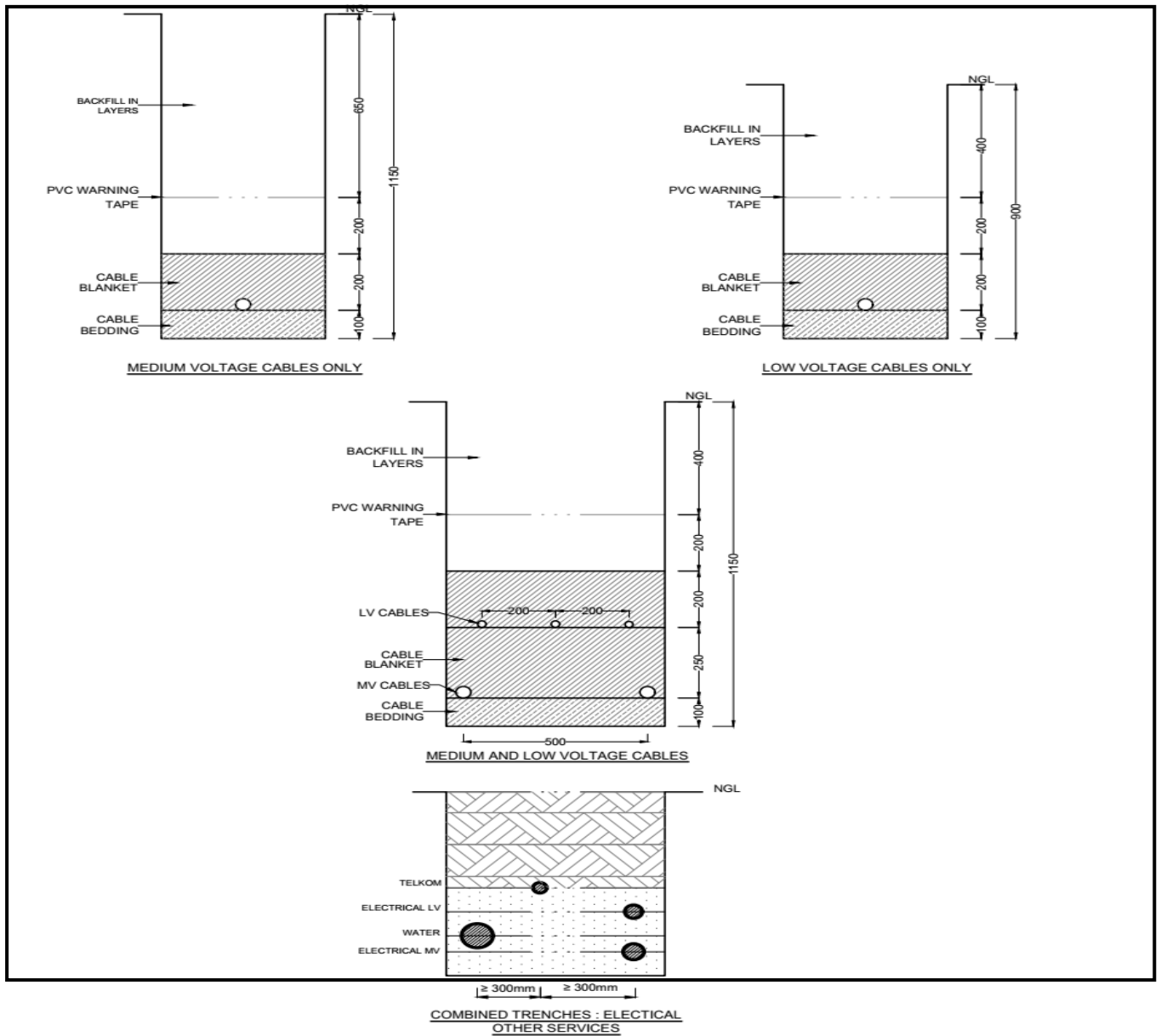
Fig. 13.57 Temporary Traffic Signals

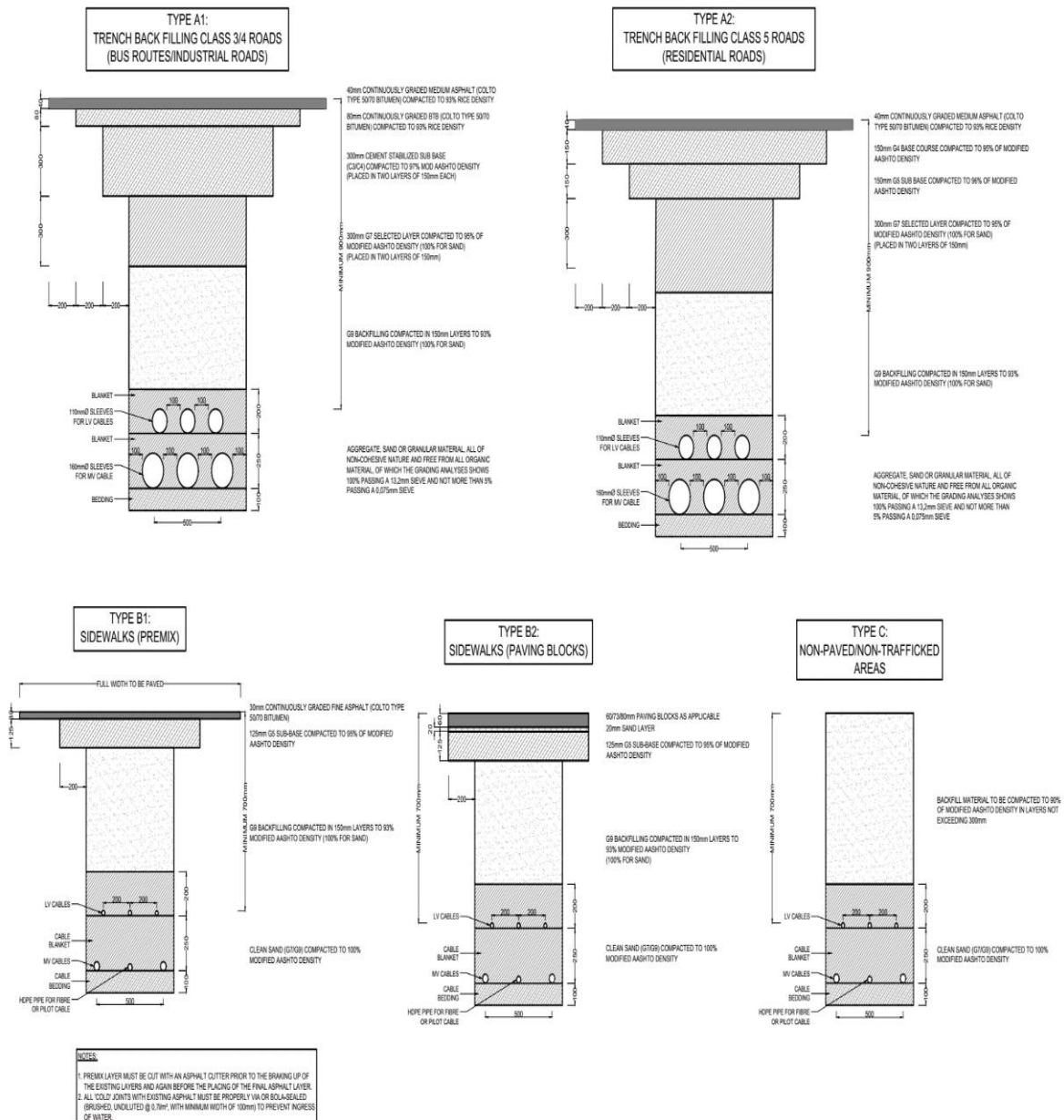


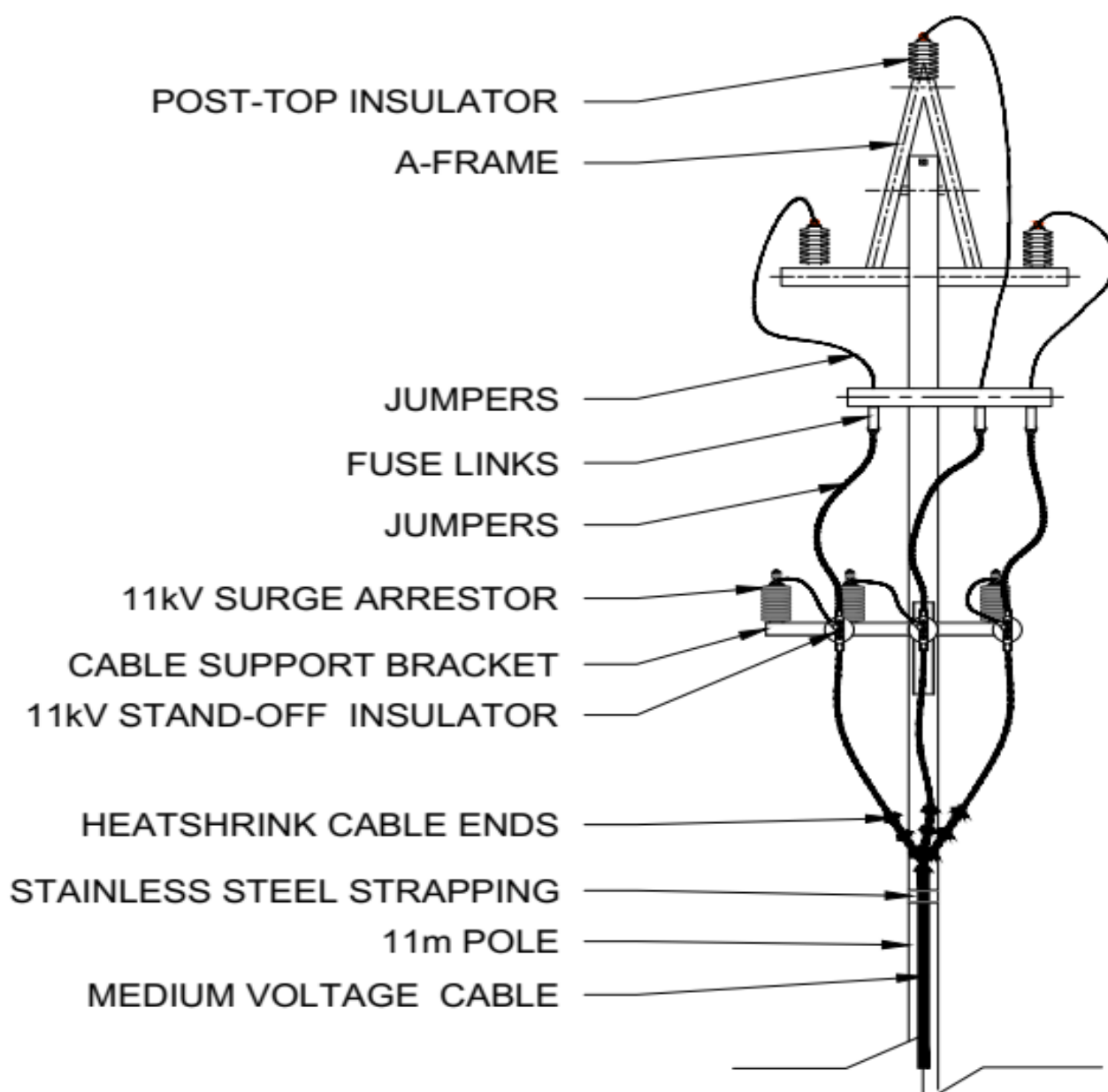
Detail 13.63.2
- One Way Roads.

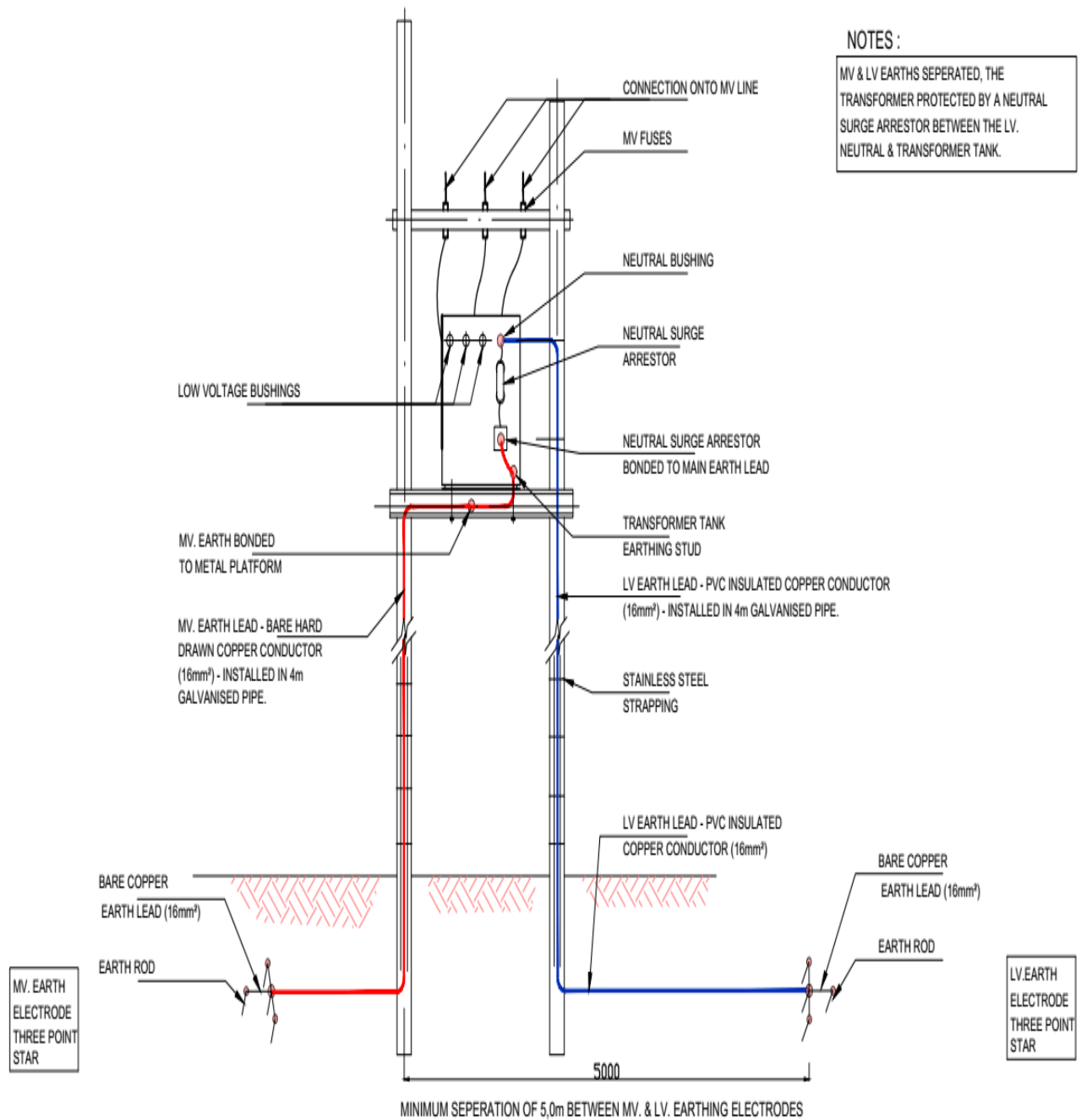
Fig. 13.63
Road Closure - CBD

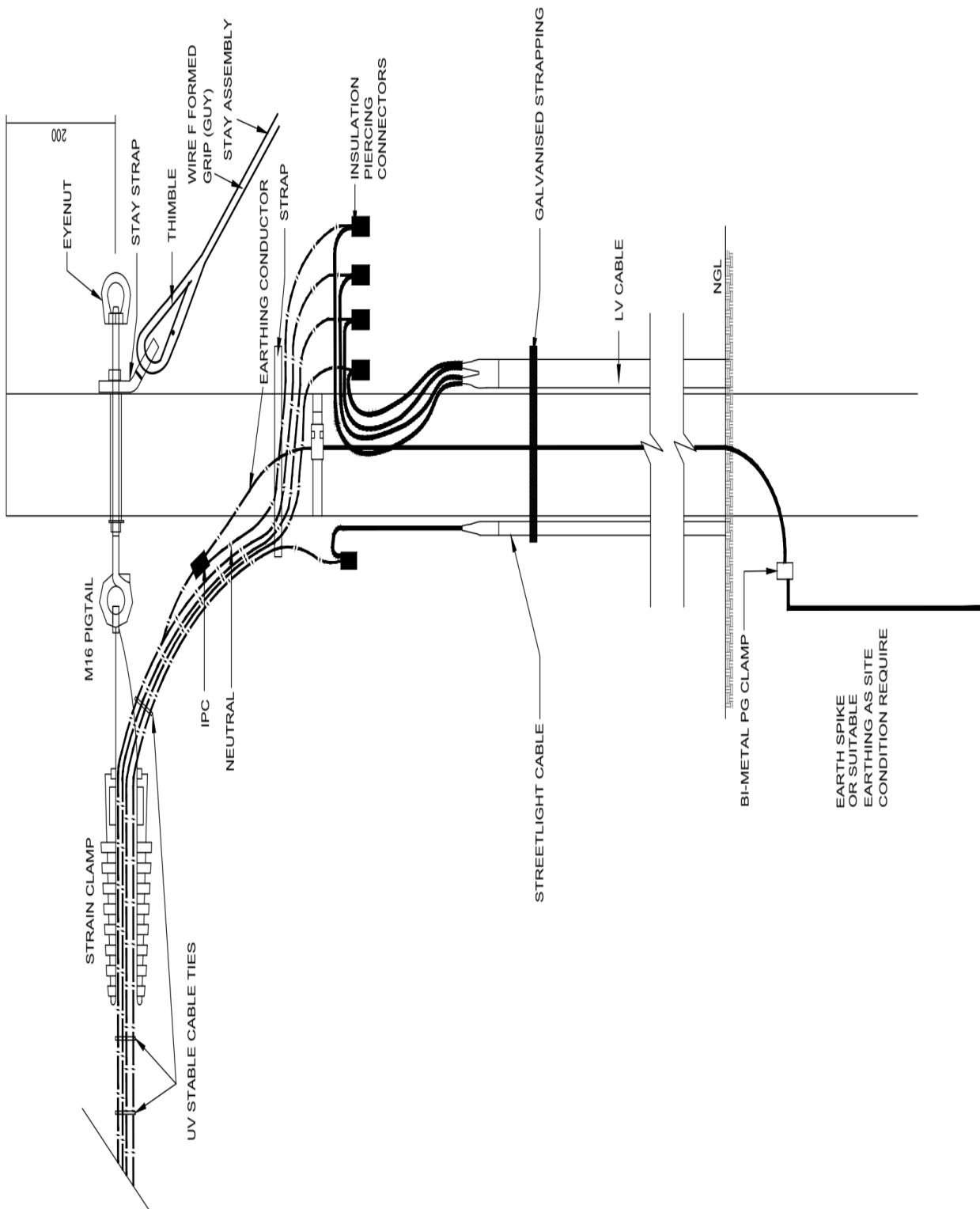
3. Details for full road closure traffic control signals

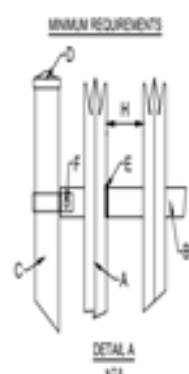






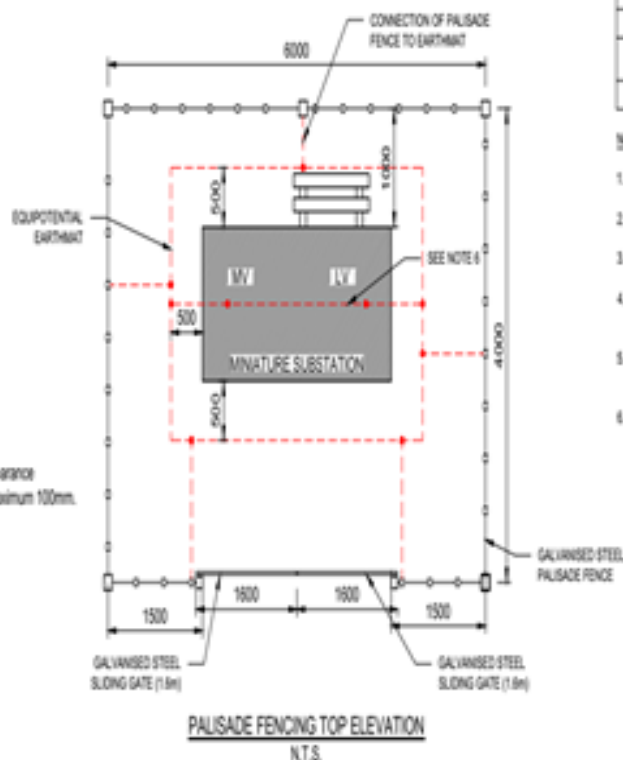






Specifications	
A	85 x 3.0mm Rolled Spax type pale
B	60 x 50 x 5.0mm Angle Iron Crossbar
C	100 x 100 x 2mm Square Tube Post
D	Steel Cap Welded on Post
E	Pale welded onto Crossbar
F	M12 Anti-vandal nut & round headed bolt
G	90mm gap between pales (Max)

1. All steel material to be hot-dipped galvanised to ISO 1461
2. Foundations for post shall be 500-600x600mm deep (75 MPa Concrete)
3. Area between minisud and kebs to be filled with 100mm thick 15mm³ chipstone.
4. A locking mechanism shall be fitted to the inside of the gate but must be accessible from the outside to be able to lock/unlock.
5. The fence earthing must be connected to the main earth bar of the minisud. All earthing to be 75mm² BCFM.
6. W & T earths connected. Additional external earthing to be added as per the technical scope of work.



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4/4 dimensions must be added on site before the work commences.
Refer any discrepancies to the Engineer.



BERGRIVIER MUNICIPALITY

APPENDIX A

HEALTH AND SAFETY SPECIFICATION



BERGRIVIER MUNICIPALITY

20. PRICING SCHEDULE

NOTE:

Only firm prices will be accepted. Non-firm prices will not be considered.

All delivery costs **MUST** be included in the bid price, for delivery at the prescribed destination.

Document **MUST** be completed in non-erasable black ink.

NO correction fluid/tape may be used.

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.

The Bidder **MUST** indicate whether he/she/the entity is a registered VAT Vendor or not.

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.

I / We (full name of Bidder) the undersigned in my capacity as of the firm hereby offer to BERGRIVIER Municipality to render the services as described, in accordance with the specification and conditions of contract to the entire satisfaction of the BERGRIVIER Municipality and subject to the conditions of tender, for the amounts indicated hereunder:

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

Please note the following:

BERGRIVIER Municipality reserves the right to downward adjust the scope of work/ quantity required to stay within its budget.

Only firm prices will be accepted and non-firm prices will not be considered.



BERGRIVIER MUNICIPALITY

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	

PREVIOUS EXPERIENCE:

Bidder must provide at least three (3) contactable references of similar previous projects/works completed within the last five years. If your bid does not consist of at least 3 contactable references, your bid will be deemed non-responsive and will not be evaluated further.

Entity name	Description of work	Contact Person	Contact Details



BERGRIVIER MUNICIPALITY

14. SCHEDULE OF PLANT AND EQUIPMENT

The following are lists of major items of relevant equipment that I/we **presently** own or lease and will have available for this contract or will acquire or hire for this contract if my / our tender is accepted.

1. DETAILS OF MAJOR EQUIPMENT THAT IS OWNED BY AND IMMEDIATELY AVAILABLE FOR THIS CONTRACT.			
QUANTITY	DESCRIPTION	SIZE	CAPACITY

Attach additional pages if more space is required.

2. DETAIL OF MAJOR EQUIPMENT THAT WILL BE HIRED, OR ACQUIRED FOR THIS CONTRACT IF MY / OUR TENDER IS ACCEPTED.			
QUANTITY	DESCRIPTION,	SIZE	CAPACITY

Attach additional pages if more space is required.

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



BERGRIVIER MUNICIPALITY

15. SCHEDULE OF SUBCONTRACTORS

I/we the tenderer, notify the Bergrivier Municipality that it is our intention to employ the following Subcontractors for work in this contract:

SUBCONTRACTORS				
Category / Type	Subcontractor Name; Address; Contact Person; Tel. No.		Items of work (pay items) to be undertaken by the Subcontractor	Estimated cost of Work (Rand)
1.	Name of firm			
	Contact person			
	Tel No			
	Address			
2.	Name of firm			
	Contact person			
	Tel No			
	Address			
3.	Name of firm			
	Contact person			
	Tel No			
	Address			
4.	Name of firm			
	Contact person			
	Tel No			
	Address			
5.	Name of firm			
	Contact person			
	Tel No			
	Address			
Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)				

Acceptance of this tender shall not be construed as approval of all or any of the listed subcontractors. Should any of the subcontractors not be approved subsequent to acceptance of the tender, this shall in no way invalidate this tender, and the tendered unit rates for the various items of work shall remain final and binding, even in the event of a subcontractor not listed above being approved by the Engineer.

SIGNATURE		NAME (PRINT)	
CAPACITY		DATE	
NAME OF FIRM			



BERGRIVIER MUNICIPALITY

16. SCHEDULE OF WORK EXPERIENCE OF THE TENDERER – CURRENT CONTRACTS

CURRENT CONTRACTS						
EMPLOYER (Name, Tel, Fax, Email)		Contact Person (Name, Tel, Fax, Email)		NATURE OF WORK	VALUE OF WORK (INCL. VAT)	DATE COMPLETED
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
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Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Attach additional pages if mores space is required.Number of sheets appended by the tenderer to this schedule (If nil, enter NIL)						
SIGNATURE		NAME (PRINT)				
CAPACITY		DATE				
NAME OF FIRM						



BERGRIVIER MUNICIPALITY

17. SCHEDULE OF WORK EXPERIENCE OF THE TENDERER – COMPLETED CONTRACTS

The following is a statement of similar work successfully executed by myself / ourselves:

COMPLETED CONTRACTS						
EMPLOYER (Name, Tel, Fax, Email)		Contact Person (Name, Tel, Fax, Email)		NATURE OF WORK	VALUE OF WORK (INCL. VAT)	DATE COMPLETED
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
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Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				
Name		Name				
Tel		Tel				
Fax		Fax				
Email		Email				

Attach additional pages if more space is required.

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



BERGRIVIER MUNICIPALITY

18. FORM OF OFFER AND ACCEPTANCE

NOTE:

1. This form must be completed in duplicate by both the successful bidder (Part 1) and the purchaser (Part 2). Both forms must be signed in the original so that the successful bidder and the purchaser will be in possession of originally signed contracts for their respective records.
2. 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.
3. 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								

1. OFFER

- 1.1. The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works: **TENDER 8/3/46-2025 MN249-2025**
- 1.2. The tenderer, identified in the Offer signature block, has examined the draft contract as listed in the Acceptance section and agreed to provide this Offer.
- 1.3. By the representative of the Tenderer, deemed to be duly authorized, signing this part of this Form of Offer and Acceptance, the Tenderer offers to perform all of the obligations and liabilities of the **Employer** under the contract, including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the Contract Data.

2. THE ALL-INCLUSIVE RATE/AMOUNT OFFERED IS:

In figures:	R
In words:	

- 2.1. This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the **Contractor** in the conditions of contract identified in the Contract Data.

Signature(s)			
Name(s)			
Capacity			
Name of tenderer:			
Name of witness:	(Insert name and address of organization)	Date	
Signature of witness:			



BERGRIVIER MUNICIPALITY

3. ACCEPTANCE

- 3.1. By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the conditions of contract identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.
- 3.2. Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Returnable Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance. No amendments to or deviations from said documents are valid unless contained in this Schedule.
- 3.3. It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

Signature(s):		
Name(s):		
Capacity:		
For the Employer:	Bergrivier Municipality, Kerk Street, Piketberg, 7320	
Name of witness:		Date:
Signature of witness:		



BERGRIVIER MUNICIPALITY

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.
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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.

I / We _____

(full name of Bidder) the undersigned in my capacity as _____

of the firm _____

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

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

Please note the following:

1. BERGRIVIER Municipality reserves the right to downward adjust the scope of work/ quantity required to stay within its budget.
2. Only firm prices will be accepted and non-firm prices will not be considered.



BERGRIVIER MUNICIPALITY

20. 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	



BERGRIVIER MUNICIPALITY

SUPPLY CHAIN MANAGEMENT

Enquiries: Mr. S. Wilschut

Ref: 6/1/1

Tel: (022)913 6000

Fax: (022)913 1380

E-mail: wilschuts@bergmun.org.za

All Service Providers (SP's) and potential bidders

Dear Sir/Madam

Incomplete documentation in terms of bidding processes.

With reference to the judgment of the Supreme Court of Appeal case number 937/2012 Dr JS Moroka Municipality vs. Bertram (PTY) Limited 2013 JDR 2728 SCA the following:

"In our view the judgment supports the proposition that a Municipality determines the requirements for a valid tender and a failure to comply with the prescribed conditions of tender will result in such tender being disqualified as it would not be an 'acceptable tender' as defined in the Preferential Procurement Policy Framework Act 5 of 2000 unless the prescribed conditions are immaterial, unreasonable or unconstitutional.

Therefore, provided that the relevant tender document makes provision for **an original tax clearance certificate and/or any other certificates/documents** as a prescribed minimum prerequisite and/or peremptory requirement in order for such tender to be considered an 'acceptable tender' and to pass the threshold requirement for consideration and evaluation, and a tenderer fails to provide same, the Municipality would be within its rights to disqualify such tender/tenderer."

Therefore, BERGRIVIER Municipality will with immediate effect exclude all offers from bidders if the required documentation is not handed in/or attached with the original bidding documents.

Adv. Hanlie Linde
Municipal Manager

14 November 2025



BERGRIVIER MUNICIPALITY

SMME STATUS

98 No. 41970

GOVERNMENT GAZETTE, 12 OCTOBER 2018

SCHEDULE

The new National Small Enterprise Act thresholds for defining enterprise size classes by sector, using two proxies

Column 1	Column 2	Column 3	Column 4
Sectors or sub-sectors in accordance with the Standard Industrial Classification	Size or class of enterprise	Total full-time equivalent of paid employees	Total annual turnover
Agriculture	Medium	250	35.0 million
	Small	50	17.0 million
	Micro	10	7.0 million
Mining and Quarrying	Medium	250	210.0 million
	Small	50	50.0 million
	Micro	10	15.0 million
Manufacturing	Medium	250	170.0 million
	Small	50	50.0 million
	Micro	10	10.0 million
Electricity, Gas and Water	Medium	250	180.0 million
	Small	50	60.0 million
	Micro	10	10.0 million
Construction	Medium	250	170.0 million
	Small	50	75.0 million
	Micro	10	10.0 million
Retail, motor trade and repair services	Medium	250	80.0 million
	Small	50	25.0 million
	Micro	10	7.5 million
Wholesale	Medium	250	220.0 million
	Small	50	80.0 million
	Micro	10	20.0 million
Catering, Accommodation and other Trade	Medium	250	40.0 million
	Small	50	15.0 million
	Micro	10	5.0 million
Transport, Storage and Communications	Medium	250	140.0 million
	Small	50	45.0 million
	Micro	10	7.5 million
Finance and Business Services	Medium	250	85.0 million
	Small	50	35.0 million
	Micro	10	7.5 million
Community, Social and Personal Services	Medium	250	70.0 million
	Small	50	22.0 million
	Micro	10	5.0 million

Lindiwe D Zulu

Lindiwe D Zulu, MP
Minister of Small Business Development

Date: 23/09/2018

Initial *LDZ*