

GREATER TZANEEN MUNICIPALITY



**BID DESCRIPTION: REBUILDING OF TARENTAAL TO TZANEEN 66KV FEEDER LINE
PHASE 1**

BID NUMBER: SCMU 23/2025

NAME OF THE BIDDER:
.....

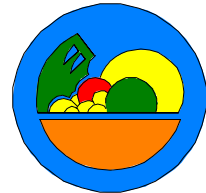
BID AMOUNT INCLUSIVE OF VAT:

CLOSING DATE: 21 JULY 2025 @ 12H00

A Green, Healthy, Prosperous and United Municipality that Provides Quality Services to All

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TABLE OF CONTENTS	PAGE NO
PART A BID NOTICE	3-4
PART B1 FORM OF BID	5-7
PART B2 BIDDING INFORMATION	8
PART C GENERAL UNDERTAKING BY THE BIDDER	9-11
PART D GENERAL CONDITIONS OF CONTRACT	12-24
PART E GENERAL PROCEDURES	25-29
PART F BID SPECIFICATION	30-61
PART G MBD2: TAX INFORMATION REQUIREMENTS	62
PART H MBD4: DECLARATION OF INTEREST	63-65
PART I MBD6.1: PREFERENCE CLAIM FORM	66-70
PART J DECLARATION FOR PROCUREMENT ABOVE R10 MILLION	71-72
PART K MBD 7.2 CONTRACT FORM – RENDERING OF SERVICE	73
PART L MBD 8: SCM PRACTICES	74-76
PART M MBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION	77-80
PART N PRICING DATA	81-101
PART O CHECKLIST ON MINIMUM REQUIREMENTS	102-103



MBD1
GREATER TZANEEN MUNICIPALITY
GROTER TZANEEN MUNISIPALITEIT
MASIPALA WA TZANEEN
MASEPALA WA TZANEEN

SUPPLY CHAIN MANAGEMENT UNIT
DEPARTMENT: ENGINEERING SERVICES

BID DESCRIPTION: REBUILDING OF TARENTAAL TO TZANEEN 66KV FEEDER LINE PHASE 1

BID NO: SCMU 23/2025

Bids are hereby invited from interested service providers for REBUILDING OF TARENTAAL TO TZANEEN 66KV FEEDER LINE PHASE 1. Bid documents are obtainable at the Municipal website (www.greatertzaneen.gov.za), Etenders and Supply Chain Offices; Agatha Street, **upon a non-refundable fee of R2000.00 or deposited to the following banking details: Greater Tzaneen Municipality; Absa Bank; Acc no:4051444332 reference number please write the name of the company and bid Number.**

Stage-1 Mandatory requirements

NB: BIDDERS MUST PROVIDE PROOF OF THE FOLLOWING TO AVOID DISQUALIFICATION:

- Proof of purchase for tender document, including downloaded tender documents (attach receipt) EFT or Manually
- Bidder's experience: Appointment letters, Completion certificates and recommendation or reference letters in relation to the field signed and stamped by the institution.
- Proof of Plant and Equipment
- Key personnel and qualifications
- Proof of CIDB Grading 6EP or Higher
- Proof of Registration as an Electrical Contractor with the Department of Labour
- ORHVS Authorized Person (level 1-4)
- Registered with SACPCMP as Construction Health and Safety Manager
- Construction Management Professional (SACPCMP)
- Company's Audited 3 years Annual Financial Statements signed off by a Professional Accountant/Registered Auditor with a practice number
- Compulsory briefing session

Stage- 2 Administrative requirements:

- Copy of company registration certificate/ documents from CIPC
- Certified ID copies of all directors
- Latest CSD registration summary report
- Copy/ printed Tax compliance status Pin or certificate.
- Municipal rates and taxes for both company and directors appearing in CK (not older than 3 months)) if the statement of water and lights is not on your names, please attach affidavit commissioned by oath from SAPS supporting your residential addresses as per attached statement or copy of Lease Agreement with 3 Months proof of payment only (No statements); Certified copies of Permission to Occupy (PTO's) land for bidders residing in Tribal Authority's areas of jurisdiction; proof of residence from Traditional Authority
- Joint Venture Agreement signed off by both parties (In case of a Joint Venture)

Completed bid documents with attachments (supporting documents) must be wrapped in a sealed envelope and be deposited into Greater Tzaneen Municipality bid box, Civic Centre, Agatha Street, marked as Bid No: SCMU 23/2025, Postal Address and contact details of the bidder.

Bid document will be available at www.greatertzaneen.gov.za, Etenders and Supply chain Management office on the date of advert.

Advert Publication date: 20 June 2025, Advert Number of days: 32 days. Compulsory Briefing session will be held on 02 July 2025 @10h00 Old fire hall, Greater Tzaneen Municipality. Closing date: 21 July 2025 @ 12:00. Public bid opening will take place.

EVALUATION OF BIDS

The Evaluation of the bid will be conducted in two stages; first stage will be assessment on functionality: Relevant company experience – 30 Points; Key Personnel and Qualifications – 55 Points; Proof of Plant and equipment – 15 Points; Only bidders that obtain 70 points will be subjected to 80/20 Preference point scoring system, where 80 points will be allocated for price only and 20 points will be allocated based on the specific goals points scored.

Bidders shall take note of the following bid conditions:

- a. Greater Tzaneen Municipality Supply Chain Management Policy will apply on this bid.
- b. Specific goals in terms of the preferential procurement regulations 2022 will apply on this bid.
- c. Greater Tzaneen Municipality does not bind itself to accept the lowest or any bid and reserves the right to accept the whole or part of the bid.
- d. Contract period: 36 Months (03 years)
- e. CIDB grading for this bid is 6EP or higher.
- f. Council reserves the right to negotiate further conditions with the successful bidder.
- g. Council reserves the right not to appoint.
- h. No bidder will be appointed if not registered on Central Supplier Database.
- i. Council has the right to appoint more than one bidder.
- j. Late, incomplete, unsigned, faxed, or emailed bids will not be accepted.

Technical enquiries should be directed to Mr B.M Sengwayo @ 015 307 8161

Administrative enquiries relating to the tender be directed to Mrs. Z Ramothwala @ 015 307 8199

Mr. D Mhangwana
Municipal Manager
Greater Tzaneen Municipality

PART B.1 Form of bid

Bid for contract number: SCMU 23/2025

I/We, the undersigned:

Bid for an amount% (vat inclusive) and.

- a) Bid to supply and deliver to the Greater Tzaneen Municipality all or any of the supplies of goods described in both Specification and Scheduled of this Contract.
- b) Agree that we will be bound by the specifications, prices, terms and conditions stipulated in those Schedules attached to this bid document, regarding delivery and execution.
- c) Further agree to be bound by those conditions, set out should this bid be accepted in whole or in part.
- d) Confirm that this bid may only be accepted by the Greater Tzaneen Municipality by way of a duly authorized Letter of Acceptance; and,
- e) Declare that we are fully acquainted with the Preferential Procurement Forms and Schedules, and the contents thereof and that we have signed the Schedule of Prices – PART “F” and completed the Preference Points claim Forms attached in Part I, J, K, L and M; N; O”
- f) Declare that the relevant authorised person thereto will initial each page of the bid document and amendment.
- g) Declare that all information provided in respect of the bidder as well as the bid documents submitted are true and correct.
- h) Declare that documentary proof regarding aspects of the bid process or accidental thereto will, when required, be submitted to the satisfaction of the Municipality.

Signed atthis Day of20.....

..... Signature Name of Firm: Address:

As Witness:

1. Name..... Date ____/____/____ Signature:

2. Name..... Date ____/____/____ Signature:

State in cases where the bidder is a Company, Corporation of Firm by what authority the person signing does so, whether by Articles of Association, Resolution, Power of Attorney or otherwise. I/We the undersigned am/are authorized to enter into this contract on behalf of:

By virtue of

Dated a certified copy of which is attached to this bid. Signature of authorized person:

Name of Firm:

Postal Address:

As witness:

1. Name: Date ____/____/____ Signature:

2. Name: Date ____/____/____ Signature:

Please Note: The prices at which bids are prepared to supply the goods and materials or perform the services must be placed in the column on the form provided for that purpose. Failure to sign the form of bid and initialling each page of the bid document will result in disqualification of the bidder. Bidders must sign this Form of Bid as well as PART “F,” attached to this bid document and on acceptance of a bid by the Greater Tzaneen Municipality the Conditions of Contracts, Special Conditions, Specifications and Scheduled of prices, attached hereto shall be deemed to be the conditions of Contract between the parties.

Failure to complete all blank spaces in the forms and to attend to the other details mentioned herein will render the bid liable to rejection.

Bank account details of Bidder:

Bank:

Branch:

Branch Code:

Account Number: _____

Type of Account: _____

Proof that municipal account is paid in full to be attached (arrangements made with council will be taken into consideration).

PART B. 2 Bidding Information

Details of person responsible for bidding process Name: _____

Contact number: _____

Address of office submitting bid: _____

Telephone: _____

Fax no: _____

E-mail address: _____

Authority for signatory Signatories for close corporation and companies shall confirm their authority by attaching to this form a duly signed and dated copy of the relevant resolution of their members or their board of directors, as the case may be. An example for a company is shown below:

“By resolution of the board of director(s) passed on ____/____/20____

Mr/ Mrs. _____

Has been duly authorized to sign all documents in connection with the bid for

Contract _____

No _____

And any contract, which may arise there from on behalf of Signed on behalf of the company:

In his capacity as: _____ Date: ____/____/____

Signature of signatory as witness:

1. Name _____ Date ____/____/____ Signature: _____

2. Name _____ Date ____/____/____ Signature: _____

PART C General undertakings by the bidder

1.1 Definitions

1.1.1 “Acceptable bid” means any bid, which in all respects, complies with conditions of bid and specifications as set out in the bid document, including conditions as specified in the Preferential Procurement Policy Framework Act (Act 5 of 2000) and related regulations.

1.1.2 “Chairperson” means the chairperson of the Greater Tzaneen Municipality Bid Adjudication Committee.

1.1.3 “Municipal Manager” means the Accounting Officer or Municipal Manager of the Municipality.

1.1.4 “Committee” refers to the Bid Adjudication Committee.

1.1.5 “Council” refers to Greater Tzaneen Municipality.

1.1.6 “Equity Ownership” refers to the percentage ownership and control, exercised by individuals within an enterprise.

1.1.7 “HDI equity ownership” refers to the percentage of an enterprise, which is owned by individuals, or in the case of a company, the percentage shares that are owned by individuals meeting the requirements of the definition of a HDI.

1.1.8 “Member” means a member of the Bid Adjudication Committee.

1.1.9 “Historically Disadvantaged Individual (HDI)” means a South African citizen- (i) Who, due to the apartheid policy that had been in place, had no franchise in national elections prior to the introduction of the 1983 and 1993 Constitutions; and/or (ii) Who is a female; and/ or (iii) Who has a disability?

1.1.10 “Service providers” refers to the bidders who have been successful in being awarded Council contracts.

1.1.11 “SMMs” (Small, medium and Micro Enterprises) refers to separate and distinct business entities, including co-operative enterprises and NGOs, managed by one owner or more, as defined in the National Small Business (Act 102 of 1996).

1.1.12 “Contract” refers to legally binding agreement between Greater Tzaneen Municipality and the service provider.

1.1.13 “Bid” means a written offer in a prescribed or stipulated form in response to an invitation by the Municipality for the provision of services or goods

1.1.14 “Contractor” means any natural or legal person whose bid has been accepted by the Council.

1.1.15 “Closing time” means the date and hour specified in the bid documents for the receipt of bids.

1.1.16 “Order” means an official written order issued for the supply of goods or the rendering of a service in accordance with the accepted bid or price quotation.

1.1.17 “Written” or “in writing,” means handwritten in ink or any form of mechanical writing in printed form.

1.1.18 Functionality” means technical capability, financial and other resource availability that the service provider needs, to successfully and efficiently render the service and/or deliver in accordance with the specifications.

1.2 INTERPRETATION:

1.2.1 In this agreement clause headings are for convenience and shall not be used in its interpretation and, unless the context clearly indicates a contrary intention: -

1.2.2 An expression which denotes: -

1.2.3 Any reference to any statute, regulation or other legislation or official policy shall be a reference to that statute, regulation or other legislation or national policy as at the signature date, and as amended or re-enacted from time to time.;

1.2.4 When any number of day is prescribed, such shall be reckoned exclusively of the first and inclusively of the last day, unless the last day falls on a day which is not a business day, in which case the last day shall be the next succeeding day which is a business day;

1.2.5 Where any term is defined within a particular clause, other than the interpretation clause, that term shall bear the meaning ascribed to it in that clause wherever it is used in this agreement.

1.3 I/we hereby Bid:

1.3.1 To supply all or any of the supplies and/or to render all or any of the services described in the attached documents {Forms, Schedule(s) and/or Annexure(s) to the Greater Tzaneen Municipality.

1.3.2 On the terms and conditions and accordance with the specifications stipulated in the bid documents (and which shall be taken as part of and incorporated into, this bid);

1.3.3 At the prices and on the terms regarding time for delivery and/or execution inserted therein.

2.1 I/we agree further that: The offer herein shall remain binding upon me/us and open for acceptance by the Greater Tzaneen Municipality during the validity period indicated and calculated from the closing time of the bid. This bid and its acceptance shall be subject to the terms and conditions contained in the Forms, Scheduled(s) and/or Annexure(s) attached hereto with which I am /we are fully acquitted. notwithstanding anything to the contrary in the Form(s), Schedule(s) and /or Annexure(s) attached hereto:

2.1.1 if I/we withdraw my/our bid within the period for which I/we have agreed that the bid shall remain open for acceptance or fail to fulfil the contract when called upon to do so, the Greater Tzaneen Municipality may, without prejudice to its other rights, agree to the withdrawal of my/our bid or cancel the contract that may have been entered into between me/us and the Municipality.

2.1.2 In such event, I/we will then pay to the Municipality any additional expenses incurred by the Municipality for having either to accept any less favourable bid or, if new bids have to be invited, the additional expenditure incurred by the invitation of new bids and by the subsequent acceptance of any less favourable bid.

2.1.3 The Municipality shall also have the right in these circumstances, to recover such additional expenditure by set-off against monies which may be due or become due to me/us under this or any other bid or contract or against any guarantee or deposit that may have been furnished by me/us or on my/our behalf for the due fulfilment of this or any other bid or contract.

2.1.4 Pending the ascertainment of the amount of such additional expenditure the Municipality may retain such monies, guarantee, or deposit as security for any loss the Municipality may sustain, as determined hereunder, by reason of my/our default.

2.1.5 Any legal proceedings arising from this bid may in all respects be launched or instituted against me/us and if/we hereby undertake to satisfy fully any sentence or judgment which may be obtained against me/us as a result of such legal proceedings, and I/we undertake to pay the Greater Tzaneen Municipality legal costs on an attorney and own client.

2.1.6 if my/our bid is accepted that acceptance may be communicated to me/us by letter or facsimiles and that proof of delivery of such acceptance to SA Post Office Ltd or the production of a document confirming that a fax has been sent, shall be treated as delivery to me/us. The law of the Republic of South Africa shall govern the contract created by the acceptance to this bid.

2.1.7 I/we have satisfied myself/ourselves as to the correctness and validity of this bid, that the price(s) and rate(s) quoted cover all the work/items(s) specified in the bid documents and that the price(s) and rate(s) cover all my/our obligations under a resulting contract and that I/we accept that any mistakes regarding price(s) and calculations will be at my/our risk

2.1.8 I/we accept full responsibility for the proper execution and conditions defaulting on me/us under this agreement as the principal(s) liable for the fulfilment of this contract. I/we declare that I/we have participation/no participation in the submission of any other bid for the supplies/services described in the attached documents.

If your answer here is yes, please state the names(s) of the other Bid(s) involved.....

PART D:

GENERAL CONDITIONS OF CONTRACT GENERAL CONDITIONS OF CONTRACT THE NATIONAL TREASURY REPUBLIC OF SOUTH AFRICA

Government Procurement: Greater Tzaneen Municipality

General Conditions of Contract July 2010

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government. In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter. The General Conditions of Contract will form part of all bid documents and may not be amended. Special Conditions of Contract (SCC) relevant to a specific bid, should be compiled separately for every bid (if (applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

TABLE OF CLAUSES

- 1. Definitions
- 2. Application
- 3. General
- 4. Standards
- 5. Use of contract documents and information; inspection
- 6. Patent rights
- 7. Performance security
- 8. Inspections, tests and analysis
- 9. Packing
- 10. Delivery and documents
- 11. Insurance
- 12. Transportation
- 13. Incidental services
- 14. Spare parts
- 15. Warranty
- 16. Payment
- 17. Prices
- 18. Contract amendments
- 19. Assignment
- 20. Subcontracts
- 21. Delays in the supplier's performance
- 22. Penalties

- 23. Termination for default
- 24. Dumping and countervailing duties
- 25. Force Majeure
- 26. Termination for insolvency
- 27. Settlement of disputes
- 28. Limitation of liability
- 29. Governing language
- 30. Applicable law
- 31. Notices
- 32. Taxes and duties
- 33. National Industrial Participation Programme (NIPP)
- 34. Prohibition of restrictive practices

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

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

1.14 “GCC” means the General Conditions of Contract.

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

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

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

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

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

1.20 “Project site,” where applicable, means the place indicated in bidding documents.

1.21 “Purchaser” means the organization purchasing the goods.

1.22 “Republic” means the Republic of South Africa.

1.23 “SCC” means the Special Conditions of Contract.

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

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

2. APPLICATION

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

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

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

3. GENERAL

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

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

4. STANDARDS

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

5. USE OF CONTRACT DOCUMENTS AND INFORMATION; INSPECTION.

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

5.2.1 Except for purposes of performing the contract.

5.3 Any document, other than the contract itself mentioned in GCC clause

5.3.1 Shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.

5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. PATENT RIGHTS

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

7. PERFORMANCE SECURITY

7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.

7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.

7.3 The performance security shall be denominated in the currency of the contract or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:

(a) A bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or

(b) A cashier's or certified cheque

7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations

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 inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.

8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.

8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.

8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.

8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.

8.7 Any contract supplies may on or after delivery be inspected, tested or analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal, the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier. 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. PACKING

9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

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

10. DELIVERY AND DOCUMENTS

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

10.2 Documents to be submitted by the supplier are specified in SCC.

11. INSURANCE

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

12. TRANSPORTATION

12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC. **13.**

INCIDENTAL SERVICES

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

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

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

14. SPARE PARTS

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

- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
- (b) In the event of termination of production of the spare parts:
 - (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - (ii) Following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. WARRANTY

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models and those 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 in SCC, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

16. PAYMENT

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

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

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

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

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

18. CONTRACT AMENDMENTS

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

19. ASSIGNMENT

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

20. SUBCONTRACTS

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

21. DELAYS IN THE SUPPLIER'S PERFORMANCE

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

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

21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.

21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.

21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 Without the application of penalties.

21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without 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

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

23. TERMINATION FOR DEFAULT

23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:

- (a) If the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2.
- (b) If the Supplier fails to perform any other obligation(s) under the contract; or
- (c) If the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.

23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated

fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier?

23.5 Any restriction imposed on any person by the Accounting Officer /Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.

23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information: (i) The name and address of the supplier and / or person restricted by the purchaser; (ii) The date of commencement of the restriction (iii) The period of restriction; and (iv) The reasons for the restriction. These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on

the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. ANTI-DUMPING AND COUNTERVAILING DUTIES AND RIGHTS

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

25. FORCE MAJEURE

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

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

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

27. SETTLEMENT OF DISPUTES

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

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

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

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

27.5 Notwithstanding any reference to mediation and/or court proceedings herein, (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and (b) The purchaser shall pay the supplier any monies due the supplier.

28. LIMITATION OF LIABILITY

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

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

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

29. GOVERNING LANGUAGE

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

30. APPLICABLE LAW

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

31. NOTICES

31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice 31.2 The time mentioned in the

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

32. TAXES AND DUTIES

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

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

32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.

33. NATIONAL INDUSTRIAL PARTICIPATION (NIP) PROGRAMME

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

34 PROHIBITION OF RESTRICTIVE PRACTICES

34.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).

34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998

PART E GENERAL PROCEDURES

1. General Directives

1. The following general procedures contained in this document have been laid down by the Council and are applicable to all bids, orders, and contracts, unless otherwise approved by the Council prior to the invitation of the bids.
2. Where applicable, special conditions or procedures are also laid down by the Council to cover specific supplies or services.
3. Where such special conditions or procedures are in conflict with the general conditions and procedures, the special conditions or procedures shall apply.
4. The bidder shall satisfy himself/herself with the conditions and circumstances of the bid. By bidding, the bidder shall deem to have satisfied himself/herself as to all the conditions and circumstances of the bid.
5. Formal contract are concluded with the contractors only where this requirement is stated in the bid invitation.
6. All bids with regard to the bidding of a service e.g., materials, cleaning services; professional services, etc. shall be subject to the negotiation of a Service Level agreement between the successful contractor and the Municipality. The acceptance of this Service Level Agreement is subject to the approval by the Council of the Municipality.
7. The written acceptance of bid shall be posted to the bidder or contractor concerned by registered or certified mail.
8. Process for competitive bidding Following are procedures for a competitive bidding process for each of the following stages:

8.1 Compilation of bidding documentation

- (a) Take into account – ♣ The general conditions of contract; ♣ Any Treasury guidelines on bid documentation; and ♣ The requirement of the Construction Industry Development Board, in the case of a bid relating to construction, Replacement or refurbishment of buildings or infrastructure.
- (b) Include evaluation and adjudication criteria, including any criteria required by other applicable legislation.
- (c) Compel bidders to declare any conflict of interest they may have in the transaction for which the bid is submitted as MBD 4
- (d) Require the bidders to furnish the following if the value of the transaction is expected to exceed R10 million (VAT included):
 - ♣ If the bidder is required by law to prepare annual financial statements for auditing, their audited annual financial statement – * For the past three years; or * Since their establishment if establishment during the past three years

- ♣ A certificate signed by the bidder certifying that the bidder has no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payments is overdue for more than 30 days
- ♣ Particulars of any contracts awarded to the bidder by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract
- ♣ A statement indicating whether any portion of the goods or services are expected to be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality is expected to be transferred out of the Republic (e) Stipulate that disputes must be settled by means of mutual consultation, mediation (with or without legal representation), or, when unsuccessful, in a South African court of law.

8.2 Issuing of bid documents

on the date that the advertisement appears in the Municipality's Bid Bulletin, and or media, prospective bidders may request copies of the bid documentation. The Supply Chain Unit will keep a register and potential bidders should sign for receipt of the bid documentation. If a fee is payable, an official receipt must be issued before the bid document is handed to the bidder. No bid responses from any Bidder should be accepted if sent via the Internet, e-mail or fax.

Only the Supply Chain Management Unit will have direct communication between the potential bidders and will facilitate all communication between potential bidders and the Municipality with regard to any advertised bid. No line function staff should be allowed to communicate with potential bidders without the approval by the Chief Financial Officer: Supply Chain Management Unit. The Supply Chain Management Unit will only consider request for the extension of the closing dates of advertised bid if the postponed date can be advertised in the media used to advertise before the original closing date. The closing time may be postponed only if all potential bidders can be advised of the postponed time, in writing, before the original closing time. The decision to extend the closing date or time rests with the Chief Financial Officer: Supply Chain Management Unit, who must ensure compliance with all relevant rules and regulations and must confirm prior to the action being taken.

8.3 Payment of bid documents

To ensure that only bona fide bidders collect documentation, and to recover printing costs, bid documents will be issued only after payment of the following amounts to the cashier:

Category Contract	Contract Value	Bid Payment
Micro	R30 000 – R200 000	R200.00
Small	R200 001 – R1000 000	R700.00
Medium	R1000 001 – R2 Million	R1500.00
Large	Above	R2000.00
Professional Services		R5000.00

8.4 Public Invitation for Competitive bids

the following are procedures for the invitation of competitive bids:

- (i) Invitation to prospective providers to submit bids must be by means of a public advertisement in newspapers commonly circulating locally, the website of the municipality or any other appropriate ways (which may include an advertisement in the Government Bid Bulletin) and
- (ii) Public advertisement must contain the following: The closure date for the submission of bids, which may not be less than 30 days in the case of transactions over R10 million (Vat included), or which are of a long term nature, or 14 days in any other case, from the date on which the advertisement is placed in a newspaper; subject to (iii) below; and
- (iii) Accounting officer may determine a closure date for the submission of bids which is less than the 30 or 14 days' requirement, but only if such shorter period can be justified on the grounds of urgency or emergency or any exceptional case where it is impractical or impossible to follow the official procurement process
- (iv) Bids submitted must be sealed.
- (v) The following information must appear in any advertisement:

- * **Bid number,**

- * **Description of the requirements**

- * **Closing date and time.**

- * **The name and telephone numbers of the contact person for any enquiries.**

8.5 Inspection on loco A fully explanatory site inspection will be conducted.

8.6 Handling of bids submitted in response to public invitation

(a) Closing of bids

All bids will close at **12H00** on a date as stipulated on the advertisement, which must be reflected in the bid document. Bids are late if they are received at the address indicated in the bid documents after the closing date and time. A late bid should not be admitted for consideration and where practical should be returned unopened to the bidder accompanied by an explanation.

(b) Opening of bids

Bids are opened in public as soon as possible after the closure in the presence of the Senior Supply Chain Officer: Supply Chain Management or his/her delegate. The official opening the bids should in each case read out the name of the bidder and the amount of the bid. The bid should be stamped with the official stamp of the Municipality and

endorsed with the signatures of the person opening it and of the person in whose presence it was opened. Bids should be recorded in a register kept for that purpose.

8.7 Validity of the bids

The validity periods should not exceed 90 (ninety) days and is calculated from the date of bid closure endorsed on the front cover of the bid document. Should the validity period expire on a Saturday, Sunday or Public holiday, the bid must remain valid and open for acceptance until the closure on the following working date.

8.8 Consideration of bids

The Council takes all bids duly admitted into consideration. • The Council reserves the right to accept the lowest or any bid received • The decision by the Municipality regarding the awarding of a contract must be final and binding

8.9 Evaluation of bids

The following are criteria against which all bids' responses will be evaluated:

- i) Compliance with bid conditions
 - ⊗ Bid submitted on time
 - ⊗ Bid forms signed and each page initialled
 - ⊗ All essential information provided
 - ⊗ Certified ID copies
 - ⊗ Proof of work experience (attach CV)
 - ⊗ Submission of an original Tax Clearance Certificate, MBD 2
 - ⊗ Submission of Company Registration Certificate
 - ⊗ Submission of a Joint Venture Agreement, properly signed by all parties
 - ⊗ Payment of Municipal Rates
 - And all requirements as per advert
- ii) Meeting technical specifications and comply with bid conditions.
- iii) The number of points scored for achieving Government's Broad-Based Black Economic Empowerment objectives, points scored for price and / or points scored for functionality if applicable.

2.10 Evaluation of bids on functionality and price

- (i) Greater Tzaneen Municipality must in the bid documents indicate if, in respect of a particular bid invitation that bids will be evaluated on functionality and price.
- (ii) The total combined points allowed for functionality and price may, in respect of bids with an estimated Rand value above R1, 000,000.00, not exceed 90 points.
- (iii) When evaluating bids contemplated in this item, the points for functionality must be calculated for each individual bidder

- (iv) The conditions of bid may stipulate that a bidder must score a specified minimum number of points for functionality to qualify for further adjudication.
- (v) The points for price, in respect of a bid which has scored the specified minimum number of points contemplated in sub-regulation (v) above, must, subject to the application of the evaluation system for functionality and price contemplated in this regulation, be established separately and be calculated in accordance with the provisions of regulations c and d.
- (vi) The number of points scored for achieving Government's Broad-Based Black Economic
- (vii) Empowerment Objectives must be calculated separately and must be added to the points
- (viii) Scored for functionality and price.
- (ix) Only bid with the highest number of points be selected.

2.11 Acceptance of bids

Successful bidders must be notified at least by registered post of the acceptance of their bids, but that acceptance, however, will only take effect after completion of the prescribed contract form. Unsuccessful bids should not be returned to bidders but should be placed on record for audit purposes. A register or records should be kept of all bids accepted

2.12 Publication of bid information

The particulars of the successful bidders should be published in the Municipality's Bid Bulletin as well as the website

2.13 Cancellation and re-invitation of bids

- (i) In the event that in the application of the 80/20 preference point system as stipulated in the bid documents, all bids received exceed the estimated Rand Value of R50 million, the bid invitation must be cancelled.
- (ii) In the event that, in the application of the 90/10 preference point system as stipulated in the bid documents, all bids received are equal to or below R50 million, the bid must be cancelled. (iii) In the event that the Municipality has cancelled a bid invitation as contemplated in sub regulations (i) and (ii) must re-invite bids and, must, in the bid documents stipulate the correct preference point 30 system to be applied.
- (a) A bid may be cancelled before award if:
 - ⊗ Due to changed circumstances, there is no longer a need for the goods, works or services offered, or
 - ⊗ Funds are no longer available to cover the total envisaged expenditure, or
 - ⊗ No acceptable bids were received



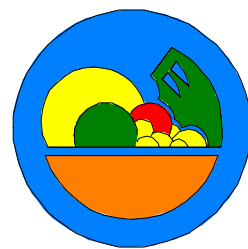
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PART F: BID SPECIFICATIONS

1. Scope of Work

Tarentaal to Tzaneen 66kV line runs from the Tzaneen Main Substation to the Tarentaal Substation. The existing line is currently built on wooden pole structures and structures are mainly H-pole structures. It is the objective of the client to rebuild the line by demolishing the existing wooden line and constructing a new self-supporting steel monopole line with ACSR kingbird conductor.

The works to be carried out by the contractor under the contract comprise mainly of the following:

1. Dismantling existing HV Wooden poles , structures conductor and transport them to Municipality stores or to be disposed as instructed by Municipality.
2. Excavation and preparing foundations for the steel monopoles.
3. Dressing of steel pole structures and planting of poles.
4. Stringing of King Bird Conductor.
5. Testing and commissioning the whole network.
6. Correction of defects in the works in accordance with the requirements specified in the contract document.

The above-mentioned scope includes:

1. 18-24m height steel self-supporting monopoles.
2. Heavy 66kV conductor structures.
3. ACSR King bird Conductor ungreaed.
4. Dressing material.
5. Other necessary material.

- This description of works is not necessarily complete and should not limit the work to be carried out by the contractor under the contract.
- Approximate quantities of each type of work are given in the schedule of material and quantities.
- The contractor will procure and assume full responsibility for all materials which are supplied to him on site. The contractor shall provide adequate security measures to minimise the risk of theft.
- The contractor shall take full responsibility for theft or loss of procured materials supplied to him and shall ensure that adequate insurance is in place to cover this risk.
- All material and equipment supplied by the contractor shall comply with the standards and details as laid down in this specification. No deviation, alteration or addition will be allowed without prior notification to and written authorization from the consulting Engineer.

2. Site Information

- Tarentaal to Tzaneen 66kV L line runs from Tzaneen Main Substation to Tarentaal Substation
- The GPS coordinates for the line are as follows.

Tzaneen Main Substation : 23°49'39.11"S 30°10'41.09"E;

Tarentaal Substation :23°49'27.34"S 30°18'36.95"E **The line passes**

through private properties (Farms)



3. Project Specifications

Works Information: Appendix A: Specifications and Standards

- This is a list of all the specifications and other documentation referenced or described as being part of the *Works Information*.
- This list includes publicly available standard specifications which may not be attached, but which are part of the *Works Information*.

Table 1: Reference to detail specifications

Document	Rev./issue	Title and Publisher
		1. SABS Specifications
SABS 1083	1976	Aggregates from natural sources
SABS 82	1976	Bending dimension of bars for reinforced concrete
SABS 558	1973	Cast iron surface boxes and manhole and inspection covers and frames
SABS 1063		Earthing Rods, couplers and clamps
SABS 10240	1997	Hot dip (Galvanised) zinc coatings (In Part)
SABS ISO 1461	1999	Hot dip (Galvanised) zinc coatings (In Part)
SABS 135	1985	ISO Metric bolts, screws and nuts
SABS 675	1993	Zinc-coated fencing wire
SABS 677	1986	Non-pressure concrete pipes
SABS 626	1971	Portland blast furnace cement
SABS 471	1971	Portland cement
SABS 831	1971	Portland cement 15
SABS 986	1970	Pre-cast reinforced concrete culverts
SABS 1200	1986	Standard specification for Civil Engineering Construction
SABS 920	1985	Steel bars for concrete reinforcement
SABS 1186	1978	Symbolic safety sign
SABS 03		The protection of structures against lightning code of practice
SABS 1024	1974	Welded mesh for concrete reinforcing
		2. SABS Code of Practice
SABS 0144	1987	Detailing of steel reinforcement for concrete
SABS 0199		Earthing Rods, couplers and clamps
SABS 0198	1988	Installation of electric cables
SABS 0200		Neutral earthing in medium voltage industrial power systems
SABS 0157	1987	Quality Management systems
SABS 0400	1987	Standard Specification for the application of National building regulations
SABS 0100	1992	Structural use of concrete
SABS 0162	1993	The Structural use of steel
SABS 044	1963	Welding and Welding Symbols
SABS 0142	1987	Wiring of premises
		3. SABS Methods
SABS 863		Compressive strength of concrete
SABS 862		Slump of freshly mixed concrete
ESKPBAAD6		Environmental management policy

OPR 6204		Eskom Operating Regulations
DTOS 0071	0	Eskom Standard for Barricading
DTMG 0112		Guideline for the application of herbicides for weed eradication in substations
DTNG 0012		Guideline for the application of Herbicides for weed eradication in substations
ETP 023		Herbicide management policy
0.54/390	44	HV Yard Civil work - Standard Details
0.54/1790-1797	0	Label fixing detail
0.54/404	7	Label Types
SCSSCAAK3	0	Medium voltage indoor switchgear
EVS 005	1	Quality requirements for quality related items and equipment
EVS 010		Quality requirements for quality related services
ESKASAA0	0	Standard for Labelling of High Voltage Equipment
D-DT-5074	0	National Standard Control Building, Sheets 1 to 7
D-FS-887	7	Substation Civil work details
TRMASAAJ7	1	Earthing of Transmission Line Towers
SCSASABK3	0	Generic Substation Design
D-DT-5085		Earthing Standard
Act no. 43	1983	Conservation of Agricultural Resources Act.
NRS 008	1991	Enclosures to Cable Termination in Air: For rated a.c. voltages of 7,2 kV and up to and including 36 kV
Act no. 73	1989	Environmental Conservation act.
Act no. 31	1963	Fencing Act.
Act no. 122	1984	Forest Act.
TRH14	1985	Guidelines for road construction materials
Act no. 63	1970	Mountain Catchment areas act.
Act no. 85	1993	Occupational health and safety act.
SAISC	1990	South African Steel Construction Handbook
NWP 3109		Standard drawing practice
TMH1	1986	Standard methods of testing road construction materials
CSRA	1987	Standard Specifications for Road and bridge works
TRH4	1985	Structural Design of interurban and rural road pavements
		5. Eskom New Works Standards
NWS 1017		Accident Prevention
NWS 1109	0	Earthing of Transmission Line Towers
NWS 1060		Injury prevention and protection
NWS 1814/C1		Quality assurance requirements for civil and building contracts
NWS 1058	4	Safety at construction sites: Requirements to be met by Contractors
NWS 1531		Specification for Civil and Building Works
NWS 1607	1	Specification for electrical installations in buildings and associated cabling
NWS 1605	2	Specification for Lamps and Luminaires
NWS 1404	0	Substation steelworks and microwave tower manufacturing and erection
NWS 1512	2	Transmission Line towers and line construction
		6. General Eskom Standards
CEMS 0040	0	Control and Cutting of trees and bush for lines
0.54/393	20	Earthing Standard
ESKPVAAL7	2	Environmental impact assessment procedure for Eskom

4. General Work Specification

- The contractor shall allow for the following specific requirements of Greater Tzaneen Municipality:
 - a) Office accommodation for meetings held on site.
- In addition to the specific requirements of Greater Tzaneen Municipality, detailed above, the contractor shall allow for his own preliminaries and/or overhead costs as required for the execution of the contract. It shall be divided into the following two sections:
 - a) Contractual Requirement -Fixed Amount items such as:
 - Contractual requirements.
Establishment of facilities on site such as plant, sheds, water, electricity, lighting, etc. removal of facilities from site after completion of work.
 - Any other fixed-charge items.
 - b) Time related items such as:
 - Contractual requirements.
 - Operation & maintenance of facilities on site.
 - Supervision.
 - Company and head office overhead costs.
 - Other time related items.

5. Works Specification

The specific contractor shall supply, transport and off-load his own facilities such as sheds, water, electricity, lighting, etc. on the site. The contractor shall also be responsible to remove all facilities established on site after his work is completed.

Line construction

- The Line belongs to Greater Tzaneen Municipality however Eskom specifications and line construction methods shall be adopted.
- All work shall be in accordance the relevant SABS 1200 documents and Eskom Specification TRMSCAAC1, TRMASAAJ7, SCSASABF9 and SCSASABG1.
- All labour costs shall be included in quoted rate.

Foundations shall include:

- a) Supply and erecting complete foundations according to the relevant drawing from SCSASABG1 including excavations, formation, reinforcing, holding down bolts, concrete casting and backfilling with the appropriate mixture.
- b) Risk of collapse and keeping excavations free of water shall be included in the quoted rate.
- c) All excavations shall be kept covered or barricaded, if not attended to, in a manner accepted by Greater Tzaneen Local Municipality to prevent injury to people or livestock.
- d) The contractor shall notify the Engineer upon completion of the excavation for the foundation. No shuttering, reinforcing steel or concrete shall be placed until the Clerk of Works has inspected the excavations and acknowledge his approval.
- e) For construction purposes the correct foundation shall be installed for the type of soil conditions and structure to be installed.
- f) The contractor shall do foundation type nominations before construction of the line takes place.
- g) The nominations shall be done in the vicinity of each supporting structure position where the foundation is to be installed.
- h) Steel plates shall be used for setting all holding down bolts.
- i) The nominated foundation types shall be re-evaluated on site by the contractor, in conjunction with the Engineer, after the excavation of the initial foundation type has been done.
- j) The final foundation nomination shall be the responsibility of the contractor and shall be logged in the Construction Handbook.
- k) The authorized person responsible for the foundations shall sign the 'Foundation' certificate in the Construction Handbook.

Tower earthing shall include:**Steel Poles:**

- a) Install an earthing electrode should the desired tower footing resistance not be achieved.
- b) Excavation in all materials 200mm wide trenches for the earth electrode.
- c) Risk of collapse and keeping excavations free of water shall be included in the quoted rate.
- d) The earth electrode for the steel poles shall be a three point star as shown on drawing 2-D-WT/763.
- e) The earth electrode shall be bonded to the steel pole using 7/2.12 (25mm²) stranded copper conductor having a crimped lug on the end that will be bonded to the steel pole.
- f) The lug shall be fastened to the pole with a M12 galvanised bolt.
- g) All visible copper protruding above the ground shall be painted with the same type and colour paints of the equivalent or supports which it is bonded to.
- h) The footing resistance of each tower shall be measured before stringing takes place and shall be logged in the Construction Handbook.
- i) The authorized person responsible for the tower earthing shall sign the 'Earthing' certificate in the Construction Handbook.
- j) The nominal tower footing resistance shall be less than 20Ω.
- k) The first five steel poles from the substation, shall have a footing resistance less than 10Ω, if not the shield wire on these structures shall be insulated.
- l) Where the specified tower footing resistance have not been obtained using standard earthing methods, additional earthing shall be installed.
- m) The additional earthing shall be counter poise conductors in accordance to SCSASABF9.

Terminal Structures:

- a) Earthing of the terminal structure shall be according to the latest revision of SCSASABF9 and to Eskom earthing Standard D-DT 5240.
- b) The terminal structure shall be bonded to the main substation earth mat with a single 50x3mm copper strap.
- c) The copper strap will be installed by the line contractor and bonded by the line contractor.
- d) The copper strap shall be bonded to the terminal tower legs with M16 bolts.
- e) All visible copper protruding above the ground shall be painted with the same type and colour paint of the equivalent or supports, which it is bonded to.
- f) The footing resistance of the terminal tower shall be measured before stringing or bonding to the main substation earth mat takes place and shall be logged in the Construction Handbook.
- g) The authorized person responsible for the tower earthing shall sign the 'Earthing' certificate in the Construction handbook.
- h) The nominal tower footing resistance shall be less than 10Ω.
- i) Where the specified tower footing resistance have not been obtained using standard earthing methods, additional earthing shall be installed.
- j) The additional earthing shall be in accordance to SCSASABF9.

Planting of steel poles shall include:

- a) All steel poles shall be positioned plumb vertical in the centre of the excavations viewed from any direction according to the relevant steel pole drawings.
- b) Nylon or fabric slings shall be used when handling steel poles.
- c) Backfilling shall be done according to SCSASABK8 – Distribution Standard for soil compaction for stays and pole foundations.
- d) Imported soil shall be used for the soil/cement mixture and shall not consist of any excavated Black Turf.
- e) The layers shall be compacted to a minimum density of 95% MOD AASHTO before the next layer of soil/cement mixture is placed.
- f) For stayed poles with concrete anchors, the pole shall not be erected until the concrete has had 21 days in which to cure.
- g) The authorised person responsible for the installation of the towers shall sign the 'Tower Installation' certificate in the Construction Handbook.

Assembly and erection of terminal structures shall include:

- a) The terminal towers shall be assembled and erected on the complete tower foundation.
- b) Towers shall not be erected until the concrete foundation has had 14 days in which to cure.
- c) Terminal tower material in storage shall be blocked off the ground with sufficient number of blocks to prevent bending or warping of individual members.
- d) Nylon or fabric slings shall be used when handling steel members.
- e) Tower material shall not be dumped or dropped from trucks, but shall be carefully off-loaded and stacked.
- f) Steel towers that become bent, twisted or deformed during transport, assembly or erection shall be replaced at the expense of the contractor.
- g) The threaded portions of any bolt shall project through the corresponding nuts by an amount not exceeding 15mm and not less than 3mm.
- h) All bolts shall be tightened and thereafter fixed in position by punching four indentations symmetrically around the threads with a round pointed centre punch.
- i) All nuts and exposed bolt threads shall be painted with accepted calcium plum bate based galvanised iron primer.
- j) The authorised person responsible for the installation of the towers shall sign the 'Tower Installation' certificate in the Construction Handbook.

Dressing structures shall include:

- a) Installing all hardware according to the relevant assembly drawings.
- b) All bolts shall be secured with stainless steel split pins.
- c) All bolts and split pins of the hardware shall be installed pointing in one direction so that the split pins are visible from one side of the line only.
- d) Earth wire insulators shall be installed on the steel structures where the line runs parallel to the railway lines and 800m on both sides of a pipe line crossing.
- e) 19/2.65 Earth wire at CCT substation shall be terminated at terminal structures.
- f) The earth wire shall be bonded to the steel structure for all other structures.

Disposal of excavated material shall include:

- a) Removal of excavated Black Turf or any other soil unsuitable for backfilling and transporting it to borrow pits.
- b) The excavated material shall be disposed of in borrow pits or a suitable place, indicated by the Engineer.
- c) The contractor shall make his own arrangements for the provision to dispose of the excavated material on such a disposal place.

Importing soil shall include:

- a) Transporting imported soil from borrow pits to pole/tower position.
- b) In areas where the excavated soil is Black Turf, imported soil shall be used for the soil/cement mixture.
- c) The contractor shall make his own arrangements for the provision of a suitable borrow pit for importing soil.

Transportation shall include:

- a) Transporting all material and equipment from the construction camp to the pole/tower position.

6. Material Specification

Project Description

The Tarentaal -Tzaneen 66 kV line circuit line has been designed and profiled on self-supporting (Stayless) Steel monopoles with a provision for the stringing OPGW of cable. **Table 1: Salient Line Attributes**

Line Route	From Tarentaal substation to Tzaneen Main Substation
Line Length	Total 15 km Phase 1 – 5.1km
Phase Conductor	King bird 18/1/4.78 Conductor templating temperature: 70°C
Shield Wire	OPGW 16kA 48core
Insulators	Composite Line Post and Longrod
Hardware	Standard Line Post and Longrod strain pole hardware assemblies
Structure Type	<p>Steel Monopoles</p> <ul style="list-style-type: none"> • Self-Supporting Monopole Intermediate, 0o (D-DT-7611). • Self-Supporting Monopole Intermediate, 0o (D-DT-7612). • Self-Supporting Steel Monopole Strain (0-30°) • Self-Supporting Steel Monopole Angle Strain Double Circuit (30°-60°) • Self-Supporting Steel Monopole (30-60°/Terminal) <p>Take note that:</p> <ul style="list-style-type: none"> • The specified length for Angle Strain Structures (bolted) on the BOQ is the length from ground level to the earthpeak.
Corrosion Protection	Standard galvanizing (85 µm) for inland application on all hardware as defined by SANS 121.
Foundations	Self-supporting steel monopole foundations as per the determined soil type
Ground Clearance	The route of the line traverses' urban areas as well a normal veld, farm the minimum ground clearance was raised to 6.1m.
Bird Perch	The steel monopole designer and supplier must supply his poles with a provision for the attachment of a bird perch bracket. The contractor must install bird perches on monopoles deemed to be in area that has lots of bird activity.
Safe Working Procedure	The contractor must submit safe working procedures for acceptance by the Engineer. The safe working procedures must detail the aspects of the line construction activities. No construction work should be undertaken until all such safe working procedures of sound logic are reviewed and accepted by the Engineer.

Table 2: General Line Details

Line voltage phase to phase	66 kV
Three-phase single or double circuit	Single circuit
Phase Configuration	Vertical configuration
Number of conductors per phase	1
Number of earth conductors	1
Minimum clearance form lowest conductor to earth	>6.1m
Minimum clearance from conductor to envelope of earthed metal:	
Under still air conditions:	0.77
Under every day wind conditions to pole body	0.71
Under high wind conditions to pole body	0.2

Phase Conductor and Ground wire Details

Phase Conductor

The phase conductor for the Tarentaal to Tzaneen 66 kV circuit line will be kingbird as well as the jumpers.

Table 3: Phase Conductor Details

Conductor type	“King Bird” ACSR 18/1/4.78
Conductor overall diameter (mm)	23.9
Area aluminium (mm²)	323.0
Area Total (mm²)	340.9
Aluminium wires (mm)	18/4.78
Steel wires (mm)	1/4.78
Conductor linear mass (kg/km)	1029.7
Ultimate Tensile strength (kN)	69.8
Resistance dc @ 20 °C (ohms/km)	0.0895
Modulus elasticity final (MPa)	63100
Coefficient of Linear expansion (1/°C)	21.0 x 10 ⁻⁶

Optical ground Wire

The shield wire for the Tarentaal -Tzaneen 66 kV circuit line will be 48 Core 16kA OPGW

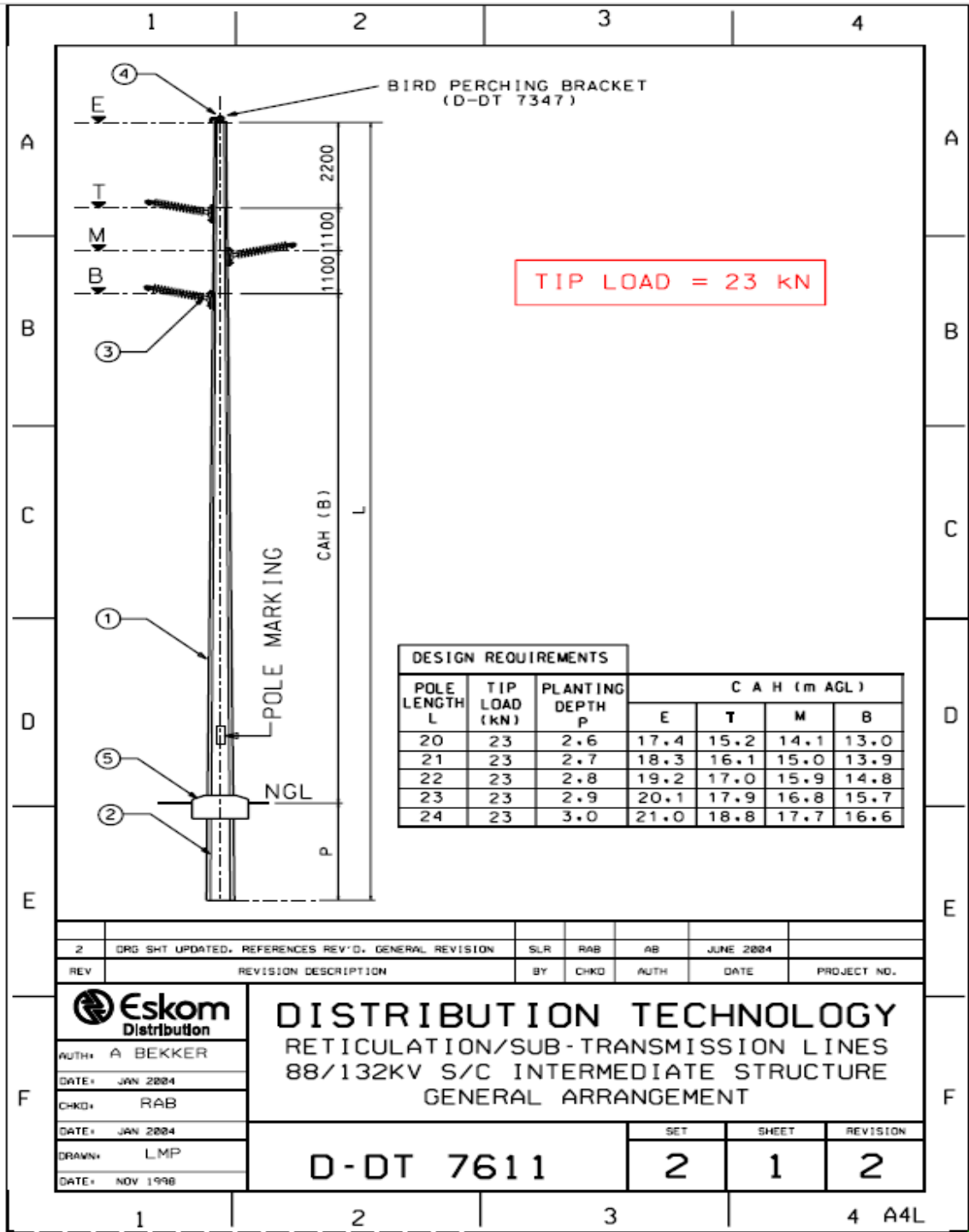
The OPGW and all relevant hardware shall conform to SANS specification and criteria. The specification of the OPGW to be used will meet the set electrical and mechanical standards and specification for 16kA 48 core.

Table 4: OPGW Details

Conductor type	OPGW
Conductor overall diameter (mm)	20
Unit Weight (kg/km)	663
Ultimate Tensile strength (kN)	60
Number of Core	48
Short Circuit Current Rating (kA)	16
Standards	IEEE 1222

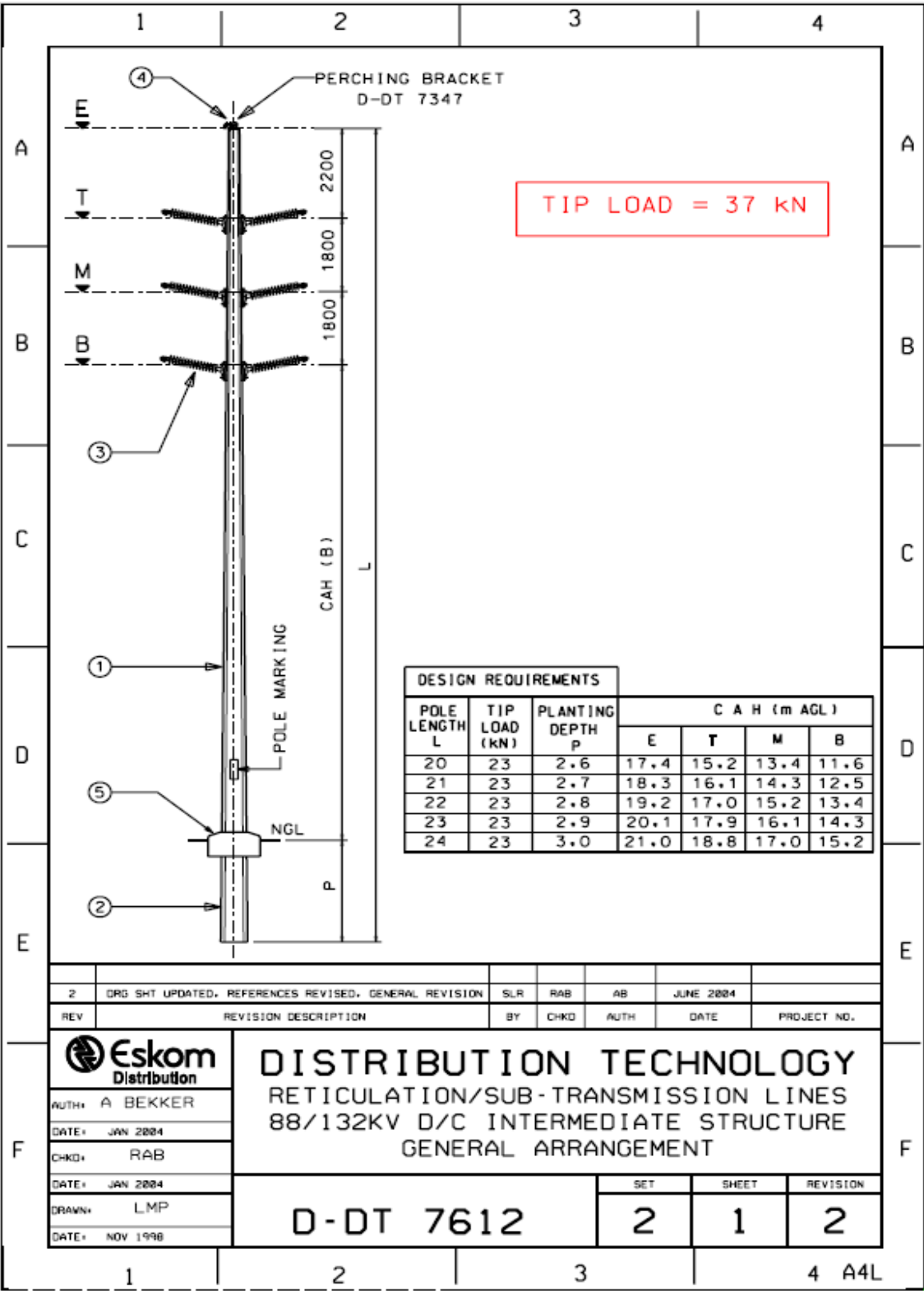
7. Steel Monopole Pole Details
Self-Supporting Monopole Intermediate, 0o (D-DT-7611).

The overhead line will consist of steel self-supporting monopoles of heights ranging from 18m to 24m as per the bill of quantities. Below is the general layout arrangement for the intermediate for single circuit .



Self-Supporting Monopole Intermediate, 0o (D-DT-7612).

The overhead line will consist of steel self-supporting monopoles of heights ranging from 18m to 24m as per the bill of quantities. Below is the general layout arrangement for the intermediate for double circuit



Non-Standard Strain Bolted Poles

The bolted strain poles shall comply, be designed, and constructed to comply with the following minimum requirements.

Table 5: Non Standard Strain Bolted Poles

DESCRIPTION OF POLE TYPE	MAXIMUM WIND SPAN (m)	MAXIMUM WEIGHT SPAN (m)
Self-Supporting Steel Monopole Strain (0-30°)	350	500
Self-Supporting Steel Monopole Angle Strain Double Circuit (30°-60°)	350	500
Self-Supporting Steel Monopole (30-60°/Terminal)	350	500

8. Insulation Requirements

All insulators shall comply with the requirements as given in the Distribution Specification – Part 6: “240-75883896 *OUTDOOR POST AND LONG ROD INSULATORS FOR NEW AND REFURBISHED POWERLINES FOR 66kV AND 132kV*”.

Accepted composite insulators consist of a core, housing (including weather sheds and sheath, where applicable) and metal end fittings. The core, which provides the strength, shall be an acid resistant glass fibre reinforced rod. The housing is the external insulating part of the insulator and provides the necessary creepage distance.

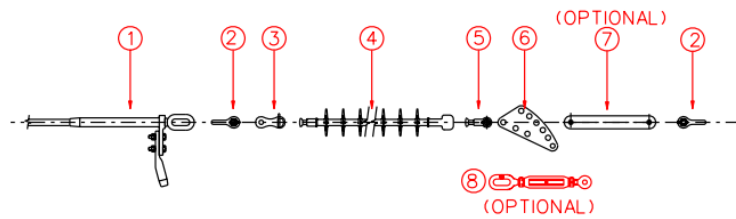
Insulation materials shall be at least 3 mm thick. The insulator design shall ensure that the core is totally sealed. Only insulators that do not contribute to radio interference voltages at a test voltage of $1, 1 \times U_m/\sqrt{3}$ shall be supplied.

Insulation Type

This line shall have composite long rods and line post insulators. The self-supporting intermediate steel monopole will be utilizing composite line post insulators. Composite long rods insulators shall be installed on the angle strain as well as on inline strain concrete monopoles. Composite line post insulators shall comply with IEC 61952 and its testing requirements. Long rod insulators shall be designed, manufactured and tested in accordance with IEC 61109.

Strain Insulator Longrod

Strain Insulator Assembly shall be as per D-DT-7311



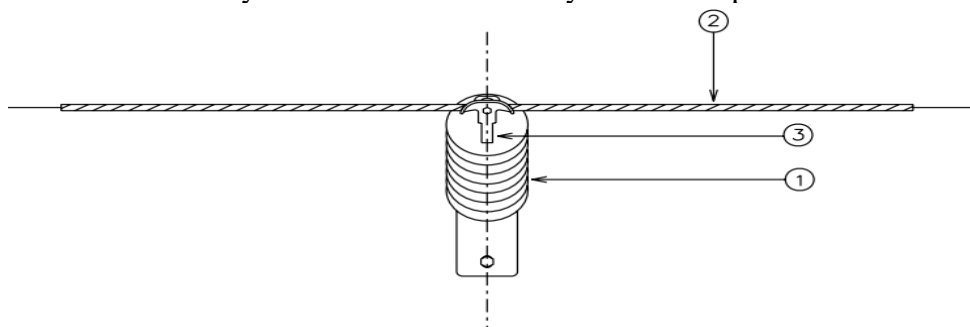
ADJUSTABLE INSULATOR STRING

Table 6: Composite Longrod electrical and mechanical characteristics

Technical Characteristic	Ratings	Eskom Drawing No	SAP Number
Clamp, Comp D/End		D-DT 7000	N/A
Shackle straight 120kN		D-DT 7017	0163406
Socket Tongue 120kN		D-DT 6061	0010270
Insulator Long Rod 66kV 120kN		D-DT 7014	0167607
Ball Clevis 120kN		D-DT 6059	0167508
Sag Adjuster 120kN		D-DT 7042	0175857
Ball Eye Oval 120kN		D-DT 7008	0010258
Rated lightning impulse withstand voltage kV, peak at STP. (BIL)	650		
Rated short duration wet power frequency withstand voltage r.m.s, kV	275		
Minimum distance between end fittings (mm)	1200		
Connecting Length (mm)	1480 ±20		
End fitting – Live end	IEC 60120 Ball 16		
End fitting – Earth end	IEC 60120 Socket 16 A		
Failing Load (long rod) - (minimum) (kN)	120		
Specific creepage mm/kV Umax (Very Heavy)	31		

Line Post Insulators

Insulator Assembly - Intermediate Assembly shall be as per Eskom's D-DT-7321



LINE POST INSULATOR INTERMEDIATE ASSEMBLY
(TRUNION 0 DEGREE DEVIATION)

Technical Characteristic	Ratings	Eskom Drawing	SAP Number
Insul, Line Post 132kV 5.3kN T/C 20C		D-DT-7013	0180632
Armour Rod, HF- Cond. 26.30/27.03mm AL		D-DT-7034	0168762
Damper, MF Vibration 25.97 - 27.00 mm		D-DT-7005	0168894
Clamp, Trunnion L/Post Insul 13-27mm		D-DT-7010	0165510
Rated lightning impulse withstand voltage kV, peak at STP. (BIL)	650		
Rated short duration wet power frequency withstand voltage r.m.s, kV	275		
Post end fitting – Live end	Trunion Clamp with armor rods		
Post end fitting – Earth end.	Gain base		
Maximum design cantilever load kN (post)	5.3		
Minimum horizontal distance between conductor and pole, mm	1300		
Specific creepage mm/kV Umax (Very Heavy)	31		

Table 7: Line Post Insulators Electrical and Mechanical Characteristics

Vibration Dampers and Spacers

To determine the number of multi frequency vibration dampers required:

The following equation shall be used to determine the position of installation of the damper onto the span:

$$F_c = \frac{0.185 * V}{D} \quad \text{in Hz} \quad (1)$$

$$L = \frac{1}{2 * F_c} * \sqrt{\frac{H}{W}} \quad \text{in m} \quad (2)$$

$$L = \frac{2.703}{V} * D * \sqrt{\frac{H}{W}} \quad \text{in m} \quad (3)$$

Where

F_c is the critical frequency (frequency giving rise to shortest loop length)

L is the loop length, (m)

V is the wind speed perpendicular to the conductor, (m/s)

D is the conductor diameter, (m)

H is the conductor tension, (N)

W is the conductor mass per unit length, (kg/m)

The position of the damper is measured from the point of contact between the dead end or suspension hardware and the conductor and a damper is placed on each end of the span at a distance of 70% of the loop length, i.e. $0.7 \times L$.

9. Earthing of Steel Monopoles

The appointed contractor shall ensure the following:

- That all structures earthing is in accordance with Municipal/Eskom's standard: Earthing of Transmission Line Towers, 240-130615862 and DST 34-1209 (SCSASABF9) and it is the responsibility of the contractor to ensure that the required footing resistance will be achieved.
- The appointed contractor shall record the footing resistances of each tower and capture these results and submit to the Project Engineer for acceptance prior to the stringing activities.

Note: Tower footing resistance tests must be performed for all structures prior to the installation of earthing material. Should the soil resistivity be such that a different method is required for measurement as well as earthing, the contractor shall inform the Engineer. The contractor will be expected to write a methodology on how they intend to carry out the resistivity measurements as well as earthing procedures.

Civil and Geotechnical Requirements

The designs for the foundations of each steel pole shall be dependent on the geotechnical results at each pole position. Notwithstanding the need for geotechnical results, all foundations shall also comply with the requirements of ESKOM drawings. The foundation systems will be designed for various soil or rock classifications to satisfy the Eskom Specification requirements. A soil investigation (soil type nomination) has to be performed during construction, at which point the prevailing soil or rock type classification is determined, and a suitable foundation system is selected for the strain steel poles. These investigations will allow the selection of the foundations to be more precisely applicable for the type of soil/rock encountered, rather than adopting a conservative design approach for foundations. For bolted foundations, the contractor shall design a suitable foundation based on the bolt template and the soil type. The onus is on the contractor to design the foundation based on the soil encountered but the Eskom standards may be used as basis for measurement. The contractors are encouraged to adopt piled foundations where space requirements present a constraint. Foundations shall also comply with the requirements of ESKOM drawings.

- DDT-7850
- DDT-7854.
- DDT-7856.
- DDT-7857.

Soil Nomination and Foundation Selection

It is the responsibility of the line Contractor to test all foundations and keep all results to be handed to the Engineer on completion of the project. The correct foundation will be selected on site where the specific pole must be placed. It should be specified as soil types 1, 2, 3, 4 or rock as per Eskom classification. **This must be done by an experienced Civil Engineer.**

Special Foundations Selection

Special foundation requirement will only be determined on site as per site conditions by registered civil engineer appointed by contractor.

Planting poles:

- a) The contractor shall supply all the equipment necessary for planting the poles.
- b) All additional bolts with nuts and washers not supplied with the steel pole shall be supplied by the contractor and be in accordance to the relevant tower drawings.
- c) All bolts and nuts shall be in accordance to SABS 135 with a strength grade of 4.8.

- d) All bolts with nuts and washers used for bonding shall be hot dipped galvanised to SABS ISO 1461.

Disposal of excavated material:

- a) The contractor shall be responsible for disposing of excavated soil not used for backfilling.
- b) The contractor shall transport all the excavated soil not used for backfilling to the suitable borrow pit.

Importing soil:

- a) The contractor shall be responsible for supplying imported soil. If not otherwise specified, the imported soil shall be in accordance to SABS 1200.
- b) The imported soil shall not contain notable quantities of organic matter or stones of average dimension exceeding 150mm.
- c) The contractor shall transport all the imported soil from the borrow pit to the pole position.

Transporting

- a) The contractor shall transport the concrete from the batching plant to the pole position.

Documentation:

- a) The Contractor shall supply the Construction Handbook.
- b) The contractor shall complete all the sections of the Construction Handbook that applies to the construction of the line.
- c) The sections shall include all the job description and check list tables, building of the line table and earthing table.
- d) The contractor shall appoint a responsible person for each task listed on the 'Authorized Persons' sheet and fill their names in on this sheet.
- e) The contractor shall ensure that the authorized person shall sign the task certificate after the completion of the work.
- f) After completing the Construction Handbook, the contractor shall return the Construction Handbook back to the Engineer for review.

Stringing and regulation

- a) All work shall be done according to Eskom Specification TRMSCAAC5.
- b) Stringing, jointing, conductor repairs and regulation shall be reported in the Construction Handbook.
- c) All labour cost shall be included in quoted rate.
- d) The successful tenderer shall prepare and test a test string according to TRMSCAAC5 before any stringing takes place. The tenderer shall submit four copies of the test report to Engineer for review.
- e) No stringing shall take place before written approval is received from the Engineer.
- f) Copies of calibration certificates, test reports, etc. for all the instruments and equipment used in the stringing and regulation process shall be submitted to the Engineer for review.

Stringing conductors shall include:

- a) The top phase on the steel poles shall be the WHITE phase.
- b) If the phases should be rotated, it should be done at the angle 90° strain tower.
- c) Tension Stringing shall be used to string the phase conductors and earth wires.
- d) All stringing shall be done according to the provided Sag and Tension Charts.
- e) Suitable structures under each phase conductors shall be erected to protect all fences from conductor damage during stringing.
- f) Adequate protection shall be provided where there may be danger of a conductor being crossed over by vehicles, or damaged by other equipment or objects.
- g) Conductors shall not be left in contact with the ground, vegetable matter or any conducting or semi-conducting material.
- h) Wood lagging shall be used to protect the conductor when working at ground level.
- i) Jumpers shall be formed in a manner as to provide the maximum amount of clearance from earthed hardware, and tower steelwork.
- j) Where temporary stays are required, the contractor shall be responsible for making the suitable arrangements.
- k) Conductors shall not be anchored to any part of the steel poles/towers.

Line and Railway crossings shall include:

- a) All line crossing shall be in accordance to TRMSCAAC5 - Installation of phase and earth conductors.
- b) All Railway crossing shall be in accordance to TRMSCAAC5 - Installation of phase and earth conductors.
- c) The price quoted shall include authorized temporary work carried out by the contractor, transport, erection and dismantling of temporary conductor supports at all crossings, excluding crossings requiring special scaffolding.

Conductor joints shall include:

- a) Only approved coded jointers shall be authorized to carry out joints on phase conductors and earth wires.
- b) Each coded jointer shall further be issued with his unique identification number or sign, which he shall use to punch, completed joints as a register of his acceptance.
- c) The number of joints over the total length of the line shall be kept to a minimum.
- d) Joints shall not be closer than 15m from suspension towers.
- e) Joints shall not be closer than 30m from strain towers.
- f) Joints shall not be installed in spans crossing railways, proclaimed roads, power or communication lines.
- g) In no case shall there be more than one joint in a given span.
- h) Joints shall not be installed in a span that is dead-ended at both ends.
- i) No joint shall pass through a stringing pulley.
- j) All conductor joints shall be reported on in the Construction Handbook.

- k) The authorized person responsible for the jointing shall sign the 'Joint and Damage' certificate in the Construction Handbook.

Conductor damage repairs:

- a) Damage to conductors caused by the contractor shall be repaired in a manner determined by the Clerk of Works, at the expense of the contractor.
- b) Where there is repeated damage in the same span, or in consecutive spans, the entire conductor in such spans shall be replaced.
- c) All conductor repairs shall be reported on in the Construction Handbook.
- d) The authorised person responsible for the conductor repairs shall sign the 'Joint and Damage' certificate in the Construction Handbook.

Making off shall include:

- a) Making off, phase conductors and earth wires at each steel pole structure, including clamping-in all conductors and attaching armour rods and vibration dampers to the conductor.
- b) Cutting the conductors where the new lines will be connected onto the existing lines
- c) Connecting the cut conductors onto the new towers.
- d) Connecting the jumpers from the old lines to the new lines.
- e) The earth wire at the terminal structure shall be made off according to drawing 2-D-WT/816.
- f) All regulation shall be done according to the provided Sag and Tension Charts.
- g) The conductor temperature shall be determined by means of a Celsius thermometer as shown in Annexure E of the Construction Handbook.
- h) All conductors in a regulated section shall be clamped-in, beginning at the second structure from the forward end of the pulling, and shall progress structure by structure, until the conductors at all structures are clamped-in.
- i) The conductors shall be clamped-in in such a manner that no additional tension is placed on the insulators
- j) Armour rods shall be installed according to the manufacturer's specifications.
- k) The suspension clamps and U-bolts shall be torque to manufacturer's specifications.
- l) Asymmetrical vibration dampers shall be installed on the phase conductors and Spiral vibration dampers shall be installed on the earth wires.
- m) Two Asymmetrical vibration dampers shall be installed on all tensioned spans, one on each side of the span. The dampers shall be placed at a distance of 1150mm, measured from the middle of a suspension clamp or from the edge of a strain clamp.
- n) Two Spiral dampers shall be installed on all tensioned spans, one on each side of the span. The dampers shall be installed a hand-width from the ends of the guy grip dead-end or other hardware.
- o) The vibration dampers shall be installed and torque according to the manufacturer's specifications.
- p) The authorised person responsible for the regulation shall sign the 'Sag and Tension' certificate in the Construction Handbook.

Documentation:

- a) The contractor shall complete all the sections of the Construction Handbook that applies to the stringing and regulation of the line.
- b) The sections shall include all the job description and check list tables and the regulation table.
- c) The contractor shall appoint a responsible person for the stringing, jointing and regulation tasks listed on the 'Authorised Persons' sheet and fill their names in on this sheet.
- d) The contractor shall ensure that the authorised person shall sign the task certificate after the completion of the work.

- e) After completing the Construction Handbook, the contractor shall return the Construction Handbook back to Eskom for review.

Labelling

- a) All labels shall be in according to Eskom Specification ESKASAAN0, SCSSCAAP5 and to drawings D-DT 5064 and 2-WT/1148.
- b) All labour cost shall be included in quoted rate.
- c) All labels shall be manufactured according to Eskom Specification TRMSCAAC5.
- d) All labels, except line crossing labels, shall be black lettering on yellow background.

Pole identification labels:

- a) The bottom of the identification labels shall not be less than 500mm from the base of the steel pole.
- b) The pole identification labels shall be strapped to the pole with not less than three 12mm stainless steel straps.
- c) The off structure shall be numbered as the first structure.
- d) The numbers shall be changed to correlate with the existing numbering.

Line designation labels:

- a) A line designation labels shall be installed on the third structure on the substations side of the line.
- b) The line designation labels shall be installed between the top phase conductor and the earth wire.
- c) The line designations shall be installed below the line-crossing label.
- d) The line designation labels shall be strapped to the pole with not less than three 12mm stainless steel straps.

Line crossing labels:

- a) All line crossing labels shall be installed so that it would be visible from the direction of approaching the line crossing, line deviation or T-off.
- b) All line crossing labels shall be installed above line designation labels.
- c) All line crossing labels shall be a black diagonal cross on an orange background.
- d) The line crossing labels on the steel poles shall be installed between the top phase conductor and the earth wire
- e) The line crossing labels shall be strapped to the pole with not less than three 12mm stainless steel straps.

Responsive tenders will then be evaluated on functionality. The minimum score for functionality is 70%, and a bidder who scores below this minimum shall not be considered for further evaluation in terms of the preference point system.

Key functionality areas	Evaluation Criteria	Scoring Criteria	Weight	Maximum Score
A	<p><u>Company Experience</u></p> <p>Similar experience in the construction of 66kV and above Overhead Power Lines</p> <p>The tenderer must submit five (5) projects of similar nature relevant to this tender in order to qualify for maximum points.</p> <p><u>N.B:</u> The following signed proofs with valid names and contact details MUST be attached:</p> <p>Appointment letters, referral letters and Completion certificates</p>	Two (2) projects of similar nature in the construction of 66kV and above overhead power lines completed	10	30
		Three (3) projects of similar nature in the construction of 66kV and above overhead power lines completed	15	
		Four (4) projects of similar nature in the construction of 66kV and above overhead power lines completed	25	
		Five (5) projects of similar nature in the construction of 66kV and above overhead power lines completed	30	
		Score Obtained = <div>.....</div>		
		(Out of 30)		
Key functionality areas	Evaluation Criteria	Scoring Criteria	Weight	Maximum Score
B ₁	<p><u>Specific Personnel Knowledge</u></p> <p>Certified copies of Academic qualification certificates need to be attached for functionality points scoring otherwise no points will be allocated (include the organogram of the project team)</p>	<p><u>Construction Manager</u></p> <p><u>Total Points:25</u></p>		
		<p>N. Dip: Electrical Engineering with more than 5 years’ experience, AND Curriculum Vitae of Project Manager to be attached for points scoring. Non-submission or submission of only one of the above will result in no points allocated.</p>	10	

		<p>N. Dip: Electrical Engineering with more than 5 years' experience and with valid registration as candidate for Construction Management Professional (SACPCMP), and Curriculum Vitae of Project Manager to be attached for points scoring.</p> <p>Non-submission or submission of only one of the above will result in no points allocated.</p>	15	25
		<p>B-Tech / BSc in Electrical Engineering with more than 10 years' experience and with valid registration as a Professional Construction Manager with SACPCMP, and Curriculum Vitae of Project Manager to be attached for points scoring.</p> <p>Non-submission or submission of only one of the above will result in no points allocated.</p>	25	
		Score out of 25	=	
Key functionality areas	Evaluation Criteria	Scoring Criteria	Weight	Maximum score
B ₂	<p><u>Specific Personnel Knowledge</u></p> <p>Certified copies of Academic qualification certificates need to be attached for functionality points scoring otherwise no points will be allocated (include the organogram of the project team)</p>	<p><u>High Voltage/Medium Voltage Construction Supervisor.</u></p> <p><u>Total Points: 15</u></p>		
		<p>ORHVS Authorized Person (level 1-4) certificates and 5 years' experience working on 66/132 kV networks. AND Curriculum Vitae of person to be attached for points scoring.</p> <p>Non submission or submission of one of the above will result in no points allocated.</p>	10	

		<p>ORVHS Authorized Person with (level 1-4) certificates and 10 years' experience working on 66/132kV networks.</p> <p>Curriculum Vitae of person to be attached for points scoring. Non-submission or submission of only one of the above will result in no points allocated.</p>	15	15
		Score out of 20	=	

Key functionality areas	Evaluation Criteria	Scoring Criteria	Weight	Maximum Score
B₃	<p><u>Specific Personnel Knowledge</u></p> <p>Certified copies of Academic qualification certificates need to be attached for functionality points scoring otherwise no points will be allocated (include the organogram of the project team)</p>	<u>Safety Officer: Total</u>		15
		<u>Points: 10</u>		
		No formal qualification.	0	
		Registered with SACPCMP as Construction Health and Safety Manager (CHSM) qualifications with less than 5 years of experience.	10	
		Registered with SACPCMP as Construction Health and Safety Manager (CHSM) qualifications with more than 5 years' experience.	15	
		Score out of 10	=	

Key functionality areas	Evaluation Criteria	Scoring Criteria	Weight	Maximum Score
C	<p><u>LIST OF PLANT</u></p> <p>Tenderer to submit proof of ownership with certificate, not older than three months and in case of hiring, a letter of intent must be submitted with proof of ownership with certification</p>	<p><u>Required plant</u></p> <p><u>Total points:</u></p> <p><u>15</u></p>		
	<p>Bidder will score half points where the total minimum plant required has a letter of intent and also proof of ownership by a rental company. Full points will be obtained for directly owned plant by the Bidder</p>	<p>1 x 20-Ton Crane Truck Crane Not Provided score =0 Crane Provided score =5</p> <p>1 x TLB TLB Not Provided score =0 TLB Provided score =3</p> <p>1 x Rockdrill Rockdrill Not Provided score =0 Rockdrill Provided score =5</p> <p>2 x LDVs LDVs Not Provided score =0 LDVs Provided score =2</p>	15	15
		Score out of 15	<p>=</p> <p>.....</p> <p>....</p>	

N.B Bids scoring less than 70% will not be considered be considered for pricing and specific goals

Key functionality areas	Evaluation Criteria	Scoring Criteria	Weight (max)	SCORED
A	Company Experience	Years, relevance, proofs	30	
B ₁	Specific Personnel Knowledge	Construction Manager	25	
B ₂	Specific Personnel Knowledge	HV/MV Supervisor	15	
B ₃	Specific Personnel Knowledge	Safety Officer	15	
C	Required Plant	Transport, equipment, machinery	15	
TOTAL WEIGHT IN POINTS			100	
TOTAL FUNCTIONALITY POINTS SCORED				

EVALUATION OF BIDS

N.B: The evaluation of bid will be conducted in two stages. First stage it be the assessment of functionality, there after **only bidders that obtain 70 points will be evaluated in terms of 80/20** Preference point scoring system, where 80 points will be allocated for price only and 20 specific goals points scored.

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Means of verification (MOV) for specific goals	
Black People	20		CK, CSD report and Certified Identification documentation	Tick
TOTAL	20			

PART G

MBD 2

TAX CLEARANCE CERTIFICATE REQUIREMENTS

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

THE BIDDER'S TAX OBLIGATIONS

1 In order to meet the requirements, bidders are required to complete in full the attached form TCC 00. "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to foreign bidders / individuals who wish to submit bids.

2 SARS will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of 1 (one) year from the date of approval.

3 The original Tax Clearance Certificate must be submitted together with the bid. Failure to submit the original and valid Tax Clearance Certificate will result in the invalidation of the bid. Certified copies of the Tax Clearance Certificate will not be acceptable.

4 In bids where Consortia / Joint Ventures / Sub-contractors are involved; each party must submit a separate Tax Clearance Certificate.

5 Copies of the TCC 001 "Application for a Tax Clearance Certificate" form is available from any SARS branch office nationally or on the website www.sars.gov.za.

6 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.

PART H

MBD 4

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state*.
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:
- 3.2 Identity Number:
- 3.3 Company Registration Number:
- 3.4 Tax Reference Number:
- 3.5 VAT Registration Number:
- 3.6 Are you presently in the service of the state* (please circle the applicable one) *YES /NO
 - 3.6.1 If so, furnish particulars.
.....
- 3.7 Have you been in the service of the state for the past twelve months? (Please circle the applicable one)
*YES / NO
 - 3.7.1 If so, furnish particulars.
.....
- 3.8 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?

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

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

(Please circle the applicable one) *YES / NO

3.8.1 If so, furnish particulars.

.....

3.9 Have you been in the service of the state for the past twelve months?

(Please circle the applicable one) *YES / NO

3.9.1. If yes, 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 service of the state? (Please circle the applicable one) *YES / NO

3.11.1 If so, furnish particulars.

.....

3.12 Are any spouse, child or parent of the company's directors, managers, principal shareholders or stakeholders in service of the state? (Please circle the applicable one) *YES / NO

3.12.1 If so, furnish particulars.

.....

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

Full Name	Identity Number	State Employee Number

Signature

Date

Capacity

Name of Bidder

CERTIFICATION

I, the undersigned (name).....

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

.....
Signature

.....
Date

.....
Designation

.....
Name of Bidder

PART I

MBD 6.1

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 To be completed by the organ of state

a) The applicable preference point system for this tender is the 80/20 preference point system.

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

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

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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

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

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

2. DEFINITIONS

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 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
$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$	or	$P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$

Where

- P_s = Points scored for price of tender under consideration
- P_t = Price of tender under consideration
- P_{min} = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

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

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)	Means of verification (MOV) for specific goals	
Black People	20		CK, CSD report and Certified Identification documentation	Tick
TOTAL	20			

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

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

- i) The information furnished is true and correct;

ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;

iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

- (a) disqualify the person from the tendering process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution, if deemed necessary.

.....	
SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:
DATE:
ADDRESS:

PART J

MBD 5 DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (VAT INCLUDED)

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

		Tenderers are to circle applicable	
1.0	Are you by law required to prepare annual financial statements for auditing?	YES	NO
1.1	If YES, you will be required to submit audited annual financial statements (on request during the tender evaluation period) for the past three years or since the date of establishment if established during the past three years.		
2.0	Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than three months or any other service provider in respect of which payment is overdue for more than 30 days?	YES	NO
2.1	If NO, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than three months or other service provider in respect of which payment is overdue for more than 30 days.		
2.2	If YES, provide particulars on a letterhead. (Attach this letter to the back inside cover of this document).		
3.0	Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?	YES	NO
3.1	If YES, provide particulars on a letterhead. (Attach this letter to the back inside cover of this document).		
4.0	Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?	YES	NO
4.1	If YES, provide particulars on a letterhead.		

(Attach this letter to the back inside cover of this document).

I, the undersigned,

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

Signature.....

Date.....

Position.....

Name Of Bidder.....

(of person authorised to sign on behalf of the Tenderer)

PART K

MBD 7.2

CONTRACT FORM - RENDERING OF SERVICES

PART 2 (TO BE FILLED IN BY THE PURCHASER)

1. I..... in my capacity as..... accept your bid under reference numberdated.....for the rendering of services indicated hereunder and/or further specified in the annexure(s).
2. An official order indicating service delivery instructions is forthcoming.
3. I undertake to make payment for the services rendered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice.

Description of Service	Price (all applicable taxes included)	Completion date	Minimum threshold for local production and content (if applicable)

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

Signed at on

Name (print)

Signature

OFFICIAL STAMP

--

WITNESSES

1

2

DATE:

.....
.....

PART L

MBD 8

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

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

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		

Item	Question	Yes	No
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, furnish particulars:		

CERTIFICATION

I, the undersigned (full name)
certify that the information furnished on this declaration form true and correct. Accept that,
in addition to cancellation of a contract, action may be taken against me should this
declaration prove to be false.

.....
Signature

.....
Date

.....
Designation

.....
Name of Bidder

PART M

MBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

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

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

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

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid number:

.....

Bid Description:

.....

In response to the invitation for the bid made by **Greater Tzaneen Municipality**

Do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of:

_____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate.
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect.
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder.
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder.
5. For the purposes of this Certificate and the accompanying bid, I understand that the word “competitor” shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) Has been requested to submit a bid in response to this bid invitation.
 - (b) Could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities, or experience; and
 - (c) Provides the same goods and services as the bidder and/or is in the same line of business as the bidder

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) Prices.
 - (b) Geographical area where product or service will be rendered (market allocation)
 - (c) Methods, factors or formulas used to calculate prices.
 - (d) The intention or decision to submit or not to submit, a bid.
 - (e) The submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) Bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

PART N: PRICING DATA

PRICING INSTRUCTIONS

1. GENERAL

The pricing instructions describe the criteria and assumptions which will be assumed in the Contract that the Bidder has taken into account when developing his prices. The Bills of Quantities record the Contractor's rates for providing supplies, services, engineering and construction works in accordance with the Scope of Work.

The terms of payment and the provisions for price adjustment, if applicable, are established in the Contract Data. These items are not described in the Pricing Data.

The Bidder's obligations in pricing the Bidder offer and the Employer's undertakings in the checking and correction of arithmetical errors are dealt with in the Standard Conditions of Bidder contained in Annexure F of SANS 294, as amended in and read in conjunction with the Bidder Data.

2. DOCUMENTS MUTUALLY EXPLANATORY

The documents forming the Contract are to be taken as mutually explanatory of one another. The Bill of Quantities forms an integral part of the Contract Documents and shall be read in conjunction with the Bidder Data, Contract Data, Scope of Work, Site Information General and Special Conditions of Contract, the Specifications and the Drawings.

3. DEFINITIONS

For the purpose of this Bill of Quantities, the following words shall have the meanings hereby assigned to them:

Unit	: The unit of measurement for each item of work as defined in the Scope of Work and Site Information.
Quantity	: The number of units of work for each item.
Rate	: The payment per unit of measurement at which the Contractor Contracts to do the work.
Amount	: The product of the quantity and the rate Bidded for an item.
Sum	: An amount contracted for an item, the extent of which is described in the Bill of Quantities, the specifications or elsewhere but the quantity of work of which is not measured in any units.

4. DESCRIPTIONS

Descriptions in the Bill of Quantities are abbreviated and comply generally with those in the Standardized Specifications. Clause 8 of each Standardized Specification, read together with the relevant clauses of the Scope of Work, set out what ancillary or associated activities are included in the rates for the operations specified. Should any requirements of the measurement and payment clause of the applicable Standardized Specification, or the Scope of Work, conflict with the terms of the Bill, the requirements of the Standardized Specification or Scope of Work, as applicable, shall prevail.

5. REFERENCES

The clauses in a specification in which further information regarding the schedule item can be obtained appear under “Reference clause” in the Bill. The reference clauses indicated are not necessarily the only sources of information in respect of scheduled items. Further information and specifications may be found elsewhere in the contract documents. Standardized Specifications are identified by the letter or letters which follow SABS in the SABS 1200 series of specifications, e.g. G for SABS 1200 G.

6. UNITS OF MEASUREMENT

The units of measurement indicated in the Bill of Quantities are metric units.

The following abbreviations are used in the Bill of Quantities:

%	=	per cent
h	=	hour
ha	=	hectare
kg	=	kilogram
kl	=	kiloliter
km	=	kilometer
km-pass	=	kilometer-pass
kW	=	kilowatt
l	=	liter
m	=	meter
mm	=	millimeter
MN	=	mega-newton
MN-m	=	mega-newton-meter
MPa	=	mega-Pascal
m ²	=	square meter
m ³	=	cubic meter
m ³ -km	=	cubic meter-kilometer
m ² -pass	=	square meter-pass
no	=	number
PC sum	=	Prime Cost sum
Prov Sum	=	Provisional Sum
sum	=	lump sum
t	=	ton (1 000 kg)

7. NET MEASUREMENTS

Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for off-cuts and waste.

8. QUANTITIES

The quantities set out in these Bills of Quantities are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Bills of Quantities.

The Contract Amount to be determined in accordance with the conditions of contract identified in the Contract Data shall be computed from the actual quantities of authorized work done, value at rates determined in terms of the Contract Data, against the respective items in the Bill of Quantities.

9. CURRENCY

All rates and sums of money quoted in the Bill of Quantities shall be in Rand and whole cents. Fractions of a cent shall be discounted.

10. VALUE ADDED TAX

Value Added Tax shall be excluded from the rates and sums contracted for the various items of work included in the Bill of Quantities. VAT will be added as a single entry to the summary.

11. RATES AND PRICES

General

- a) The Contractor must price each item in the Bill of Quantities in **BLACK INK**. Reproduced computer printouts of the Bills of Quantities will not be acceptable.
- b) The rates and prices to be inserted in the Bill of Quantities shall cover all the services and incidentals for the work described under the several items. Such prices and rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the documents on which the Bidder is based, as well as overhead charges and profit. Reasonable prices shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out.
- c) Where the Contractor is required to furnish detailed drawings and designs or other information in terms of the Contract Data, all costs thereof shall be deemed to have been provided for and included in the unit rates and sum amounts

contracted for the items scheduled in the Bill of Quantities. Separate additional payments will not be made.

- d) A price or rate is to be entered against each item in the Bill of Quantities, whether the quantities are stated or not. An item against which no price is entered will be considered to be covered by the other prices or rates in the Bill. The Contractor will not be paid for items against which no rate or lump sum has been entered in the Bill of Quantities.
- e) Should the Contractor group a number of items and contract one lump sum for such group of items, this single lump sum shall apply to that group of items and not to each individual item.
- f) Should the Contractor indicate against any item that compensation for such item is included in another item the rate for the item included in another item shall be deemed nil.
- g) A submission may be regarded as non-responsive if any rates or lump sums in the Bill of Quantities are, in the opinion of the Employer, unreasonable or out of proportion.

11.2 “Rate only” items

The Contractor shall fill in a rate (in the rate column) against all items where the words "rate only" appear in the Amount column, which rate will constitute payment for work which may be done in terms of this item. Such "rate-only" items are used where it is estimated that little or no work will be required under the item or where the item is to be considered as an alternative to another item for which a quantity is given.

11.3 Arithmetic

Excepting where Sum Amounts are required or where Provisional Sums have been indicated, the Contractor shall enter an applicable rate in the Rate Column of the Bill of Quantities for each scheduled item. He shall also enter an appropriate sum in the Amount column for each scheduled item, by determining in the applicable line item the product of the Quantity and the Unit Rate.

If there is an error in the line item resulting from the product of the unit rate and the quantity, the rate shall be binding and the error of extension as entered in the Bidder offer will be corrected by the Employer in determining the Contract Price.

Where there is an error in addition, either as a result of other corrections required by this checking process or in the Bidder's addition of prices, such error will be corrected by the Employer in determining the Contract Price.

11.4 Labour Intensive work

Item numbers in the schedule of quantities suffixed by the letter "L" shall denote a payment item in respect of work which is required to be executed by labour intensive construction methods. Item numbers with the suffix "L" are not necessarily an exhaustive list of all the activities which must be done by hand, and this clause does not over-ride any of the requirements in the generic labour intensive specification in the Scope of Works.

Payment for items which are designated to be constructed labour-intensively (either in this schedule or in the Scope of Works) will not be made unless they are constructed using labour-intensive methods. Any unauthorized use of plant to carry out work which was to be done labour-intensively will not be condoned and any works so constructed will not be certified for payment.

12. VARIATION IN TEXT

No alteration, erasure or addition is to be made in the text of the Bill of Quantities. Should any alteration, erasure or addition be made, it will not be recognized; the original wording of the Bill of Quantities will be adhered to.

BILL OF QUANTITIES

This Schedule of Quantities forms part of the Contract Documents as listed in the Schedule of Documents and shall be read in conjunction with the General Conditions, the Specifications and the Drawings must be submitted, duly completed, on the closing date of Tenders.

Bidders must complete the Schedule of Quantities and fill in the unit rate and total amount for each item. Errors of extensions as entered in the Schedule may be corrected by the Employer but **RATES WILL BE FIXED AND NOT SUBJECT TO PRICE VARIATIONS.** (ALL RATES MUST BE COMPLETED, EVEN WHERE NO QUANTITY IS INDICATED)

The short description of items in the Schedule of Quantities are for identification purposes only, the work covered by the items being fully specified in the relevant clauses in the Specifications. The Bidder must therefore allow in the unit price for ordering, obtaining, supplying, delivering to site, installation and commissioning of the relevant equipment with their accessories.

The quantities reflected in the Schedule of Quantities are approximate only and do not necessarily represent the actual amount of work to be done (DO NOT USE BILL OF QUANTITIES FOR ORDERING PURPOSES). Allowance for off-cuts and scrap shall be allowed for in the unit rates. The Contract Price for the completed Contract shall be computed from the actual quantities (quantities can decrease or increase) of authorised work done to the satisfaction of the Engineer valued at the prices tendered against the respective items in the Schedule of Quantities, and shall include such authorised provisional amounts and items of extra work as have become payable in terms of the Contract Documents. Extra material shall not be paid for and shall be removed from site. When no price is shown for a item, it will be taken to be included elsewhere.

Bidders are advised to check their items extensions and total additions as too many arithmetical errors occurring in the priced Schedule of Quantities will disqualify the Bidder.

Except where Sum Amounts are required or where Provisional Amounts have been indicated, the Bidder shall enter an applicable rate in the Rate Column of the Schedule of Quantities for each scheduled item. He shall also enter an applicable sum in the Amount Column for each scheduled item. Should the Schedule not be completed in the manner herein specified, the tender may either be rejected or the Contractor will not be paid for items against which rates or sum amounts, as applicable, have not been entered. In the event of the latter procedure items not paid for will be regarded as covered by other rates entered in the Schedule of Quantities.

Payment based on the rates tendered in the Schedule shall cover all the services and incidentals included in the works covered by the Contract and shall be made in accordance with the General Conditions, the Specifications and the Agreement pertaining to the Contract.

Where the Contractor is required to furnish detailed drawings and designs or other information in terms of the Contract Documents, all costs shall be deemed to have been provided for and included in the unit rates and sum amounts tendered for the items scheduled in the Schedule of Quantities AND SEPARATE ADDITIONAL PAYMENT WILL NOT BE MADE.

Unit prices quoted in the Schedule of Quantities must include for such small installation materials as are required for the complete installation in accordance with the Specifications.

Writing in the Schedule must be done in black to facilitate clear photocopying.

The Contractor shall keep record of all material delivered to site, and shall submit such record to the Engineer at every site inspection. Material not installed shall be kept in the site yard or store and the material shall be kept readily available for inspection.

Application for payment, accompanied by supporting documentation, shall be submitted to the Engineer on a predetermined date which date shall be a suitable date in each month, agreed upon by all parties concerned with the payment. Claims for additional work in a particular month, for which no written instruction has not yet been issued, if applicable, must also accompany the monthly application for payment. Late claims will not be considered.

All units' rates and sum amounts shall exclude Value Added Tax, as applicable and in accordance with the ruling rate as lay down by the Government, and all prices shall be quoted in South African currency.

The work listed hereunder is fully described in the specifications or shown on drawings. The contractor shall, however, refer to the general conditions of contract, special conditions and all the drawings

DAYWORK SCHEDULE

Bidders are to complete the schedule below, **showing all rates**, which will apply to any work ordered by the Engineer. Payment will be made at the rates entered in the Schedule and these rates shall cover the supervision, transport, the use of all tools, etc and shall include profits.

BILL OF QUANTITIES

SUMMARY BILL OF QUANTITIES		
ITEM	DESCRIPTION	AMOUNT
1	PRELIMINARY AND GENERALS - FY2025/26	
2	LINE CONSTRUCTION - TAR/TZA66 TO TAR/TZA76	
3	STRINGING AND REGULATION TAR/TZA66 TO TAR/TZA76	
4	PRELIMINARY AND GENERALS - FY2026/27	
5	LINE CONSTRUCTION - TAR/TZA48 TO TAR/TZA65	
6	PRELIMINARY AND GENERALS - FY2027/28	
7	STRINGING AND REGULATION TAR/TZA48 TO TAR/TZA65	
	SUB TOTAL A	
	ADD 10% CONTINGENCIES	
	SUB TOTAL B	
	ADD 15% VAT	
	TOTAL BID AMOUNT CARRIED TO FORM OF OFFER	
<p>NB TENDERERS MUST INCLUDE IN THEIR PRICE ALL ACCESSORIES, MATERIALS AND OTHER ITEMS DEEMED NECESSARY TO EXECUTE AND SUCCESSFULLY COMPLETE THE PROJECT. NO ADDITIONAL COSTS WILL BE ACCOMMODATED DUE TO OMISSIONS ON THE PART OF THE TENDERER.</p>		

Important Note

The Project is a Multiyear, The Contractor must therefore consider price escalation in the tendered rates for works that shall be implemented during 2026/27 & 2027/28 see below Implementation Plan.

YEAR	BILL ITEM	DESCRIPTION OF WORK TO BE IMPLEMENTED
2025/26	1	PRELIMINARY AND GENERALS - FY2025/26
	2	LINE CONSTRUCTION - TAR/TZA66 TO TAR/TZA76
	3	STRINGING AND REGULATION TAR/TZA66 TO TAR/TZA76
2026/27	4	PRELIMINARY AND GENERALS - FY2026/27
	5	LINE CONSTRUCTION - TAR/TZA48 TO TAR/TZA65
2027/28	6	PRELIMINARY AND GENERALS - FY2027/28
	7	STRINGING AND REGULATION TAR/TZA48 TO TAR/TZA65

PRELIMINARY AND GENERALS - FY2025/26						
ITEM	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	TOTAL
1	PRELIMINARY AND GENERAL					
	Amount allowed for all expenses, regarding the following:					
1.1	CONTRACTUAL REQUIREMENTS - FIXED AMOUNT					
1.1.1	Nett price for the fulfilment of the Tender Requirements, Conditions of Contract, Performance Security/Security Bond, Indemnification, etc. Bond to remain valid until date of issue of the Final Completion Certificate or within 28 days after expiry of Defects Notification Period. (Note : Project is a multi-year implementation is over 3 financial years and the performance guarantee shall be 10% of full contract amount)	Sum	1			
1.1.2	Insurance of the Works full contract amount in the joint names of the Employer and Contractor, Insurance of the Construction Plant to its full replacement value and Third Party Insurance. The Insurance to remain valid until date of issue of the Final Completion Certificate or within 28 days after expiry of Defects Notification Period. (Note : Project is a multi-year implementation is over 3 financial years)	Sum	1			
1.1.3	Site establishment, which includes, site office, site store, laydown area, temporary housing, security fence, sanitary toilets, obtaining water, electrical connection, etc.	Sum	1			
1.1.4	Determining and locating of existing services as well as management of wayleaves	Sum	1			
1.1.5	Survey of route and pegging as per staking and design drawings	Sum	1			
1.1.6	Bush clearing and herbicide application (Contractor to identify extend of bush clearing). Bush Clearing to be within a servitude of 28m ie 14m on either side of the centre of the 66kV Line	km	2			
1.1.7	Medicals and Induction costs both Entry & Exit	Sum	1			
1.1.8	PPE for EPWP workers	Sum	1			
1.2	COMPLY WITH THE FOLLOWING SAFETY, HEALTH, ENVIRONMENTAL AND QUALITY (SHEQ) REQUIREMENTS- FIXED AMOUNT					
1.2.1	Adherence to Construction Regulations of the OHSA	Sum	1			
1.2.2	Compile a Health and Safety Plan (H & S Plan)	Sum	1			
1.2.3	Compile a Risk Assessment for activities (RA)	Sum	1			
1.2.4	Comply with Environmental Management Plan (EMP)	Sum	1			
1.2.5	Compile a SHEQ File to also include all the above in distinct sections	Sum	1			
1.2.6	Compile a detailed Quality Control Program for construction activities.	Sum	1			
1.3	TIME-RELATED COST - ADJUSTABLE WITH CONTRACT PERIOD					
	The running cost of the project related to the contract period.					
1.3.1	Site overhead cost	month	6			
1.3.2	Security for site camp and work on site	month	6			
1.3.3	Community Liaison Officer	month	6	R 6 600,00	R -	R 39 600,00
1.3.4	SHE Representative	month	6	R -	R 6 600,00	R 39 600,00
1.4	PROVISIONAL SUM AMOUNTS					
1.4.1	Payment of local labourers (Provisional Sum)	Prov Sum	1	R -	R 72 600,00	R 72 600,00
1.4.2	Provisional Sum for Accredited Training as Approved by the Engineer	Prov Sum	1		R 85 000,00	R 85 000,00
1.4.3	Engineers Facilities (Provisional Sum)	Prov Sum	1	R 200 000,00		R 200 000,00
1.4.4	Allowances for Payment of PSC Members (Provisional Sum)	Prov Sum	1	R -	R 14 490,00	R 14 490,00
	SUBTOTAL OF ITEM 1 CARRIED OVER TO SUMMARY					

LINE CONSTRUCTION - TAR/TZA66 TO TAR/TZA76						
ITEM	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	TOTAL
2.	LINE CONSTRUCTION					
2.1	LINE FOUNDATIONS STUDY					
	Appointment of an ECSA (Engineering Council of South Africa) registered Civil/Structural Engineer to carry out geotechnical surveys , soil tests, design the foundation of each and every structure based on the outcomes or results of soil surveys done at each respective structure position.	Sum	1			
2.2	FOUNDATIONS FOR TYPE 4 SOIL - BOLTED/FLANGE FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate, supply, and install complete foundation and based on a Type 4 foundation, for the following structures (Note: flange mounted foundations shall include the concrete blinding, concrete foundation, steel reinforcing including all spacers and fixtures, Top & Bottom templates, holding down bolts including all washers, nuts and torqueing, shuttering and finishing, backfill and compaction):					
2.2.1	Steel 15m Strain (0-30deg)	Each	2			
2.2.2	Steel 18m Strain (0-30deg)	Each	2			
2.2.3	Steel 21m Strain (0-30deg)	Each	2			
2.2.4	Steel 13m Strain Terminal(30-60deg)	Each	1			
2.3	FOUNDATIONS FOR TYPE 3 SOIL - BOLTED/FLANGE FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate, supply, and install complete foundation and based on a Type 3 foundation, for the following structures (Note: flange mounted foundations shall include the concrete blinding, concrete foundation, steel reinforcing including all spacers and fixtures, Top & Bottom templates, holding down bolts including all washers, nuts and torqueing, shuttering and finishing, backfill and compaction):					
2.3.1	Steel 15m Strain (0-30deg)	Each	1			Rate Only
2.3.2	Steel 18m Strain (0-30deg)	Each	1			Rate Only
2.3.3	Steel 21m Strain (0-30deg)	Each	1			Rate Only
2.3.4	Steel 13m Strain Terminal (30-60deg)	Each	1			Rate Only
2.4	FOUNDATIONS FOR TYPE 2 SOIL - BOLTED/FLANGE FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate, supply, and install complete foundation and based on a Type 2 foundation, for the following structures (Note: flange mounted foundations shall include the concrete blinding, concrete foundation, steel reinforcing including all spacers and fixtures, Top & Bottom templates, holding down bolts including all washers, nuts and torqueing, shuttering and finishing, backfill and compaction):					
2.4.1	Steel 15m Strain (0-30deg)	Each	1			Rate Only
2.4.2	Steel 18m Strain (0-30deg)	Each	1			Rate Only
2.4.3	Steel 21m Strain (0-30deg)	Each	1			Rate Only
2.4.4	Steel 13m Strain Terminal (30-60deg)	Each	1			Rate Only
2.5	FOUNDATIONS FOR TYPE 1 SOIL - BOLTED/FLANGE FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate, supply, and install complete foundation and based on a Type 1 foundation, for the following structures (Note: flange mounted foundations shall include the concrete blinding, concrete foundation, steel reinforcing including all spacers and fixtures, Top & Bottom templates, holding down bolts including all washers, nuts and torqueing, shuttering and finishing, backfill and compaction):					
2.5.1	Steel 15m Strain (0-30deg)	Each	1			Rate Only
2.5.2	Steel 18m Strain (0-30deg)	Each	1			Rate Only
2.5.3	Steel 21m Strain (0-30deg)	Each	1			Rate Only
2.5.4	Steel 13m Strain Terminal (30-60deg)	Each	1			Rate Only
	SUBTOTAL - CARRY OVER TO NEXT PAGE					

	SUBTOTAL - CARRIED OVER FROM PREVIOUS PAGE					
2.6	FOUNDATIONS FOR TYPE 4 SOIL - PLANTED FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Type 4 foundation, for the following structures.					
2.6.1	Steel 18m - 24m 23kN Intermediate D-DT 7611	Each	2			
2.7	FOUNDATIONS FOR TYPE 3 SOIL - PLANTED FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Type 3 foundation, for the following structures.					
2.7.1	Steel 18m - 24m 23kN Intermediate D-DT 7611	Each	1			Rate Only
2.8	FOUNDATIONS FOR TYPE 2 SOIL - PLANTED FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Type 2 foundation, for the following structures.					
2.8.1	Steel 18m - 24m 23kN Intermediate D-DT 7611	Each	1			Rate Only
2.9	FOUNDATIONS FOR TYPE 1 SOIL - PLANTED FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Type 1 foundation, for the following structures.					
2.9.1	Steel 18m - 24m 23kN Intermediate D-DT 7611	Each	1			Rate Only
2.10	FOUNDATIONS FOR ROCK- PLANTED STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Rock foundation, for the following structures.					
2.10.1	Steel 18m-24m 23kN Intermediate D-DT 7611	Each	2			
2.11	Working in close proximity to a Livened Line of the existing Parrallel 66kV Line	Each	11			
2.12	CONCRETE TEST CUBE RESULTS & CERTIFICATES					
	Take concrete test samples and obtain test certificates for the following:					
2.12.1	7, 14 and 28 concrete test cubes for Monolithic Pole foundation (3 test cubes per concrete delivery).	Sum	1			
2.12.2	7, 14 and 28 concrete test cubes for foundation blindings and pole caps (Note: 3 test cubes per concrete delivery).	Sum	1			
	SUBTOTAL - CARRY OVER TO NEXT PAGE					

	SUBTOTAL - CARRIED OVER FROM PREVIOUS PAGE					
2.13	EARTHING					
	Excavate, supply, install and bond tower earthing for the following structures:					
2.13.1	Bond 2 x terminal towers to individual substation's earthmats using 2x 70 mm ² copper equivalent CCS buried 1m deep to Tzaneen Main Substation	m	300			
2.13.2	Excavate, supply and install complete 3 point star earth electrode (incl. rocky terrain) on each Pole structure	Each	11			
2.13.3	Testing/measurements of tower footing resistance at each Pole Structure and recording the results thereof.	Each	11			
2.13.4	Install concrete cap	Each	11			
2.13.5	Install galvanised steel straps 50x3mm for tower earthing and apply 1m band of bitumen paint on the pole	Each	11			
2.14	ERECTING OF POLES					
	Supply, transport to pole position, install and erect the following Self Supporting Steel Monopole for the following structures at specified positions including backfilling					
2.14.1	Steel 18m 23kN Intermediate D-DT 7611 - Planted	Each	2			
2.14.2	Steel 20m 23kN Intermediate D-DT 7611 - Planted	Each	2			
2.14.3	Steel 24m 23kN Intermediate D-DT 7611 - Planted	Each	0			
2.14.4	Steel 15m Strain (0-30deg)- Bolted	Each	2			
2.14.5	Steel 18m Strain (0-30deg) - Bolted	Each	2			
2.14.6	Steel 21m Strain (0-30deg) - Bolted	Each	2			
2.14.7	Steel 13m Strain Terminal (30-60deg) - Bolted	Each	1			
2.15	STRUCTURE DRESSING					
	Supply, transport to specific pole position and install complete hardware (Including supply of all insulators) for the following complete structures and specified in the tender specifications:					
2.15.1	Steel 18m 23kN Intermediate D-DT 7611 using Line Post Insulator assembly D-DT 7321 per Pole	Each	2			
2.15.2	Steel 20m 23kN Intermediate D-DT 7611 using Line Post Insulator assembly D-DT 7321 per Pole	Each	2			
2.15.3	Steel 24m 23kN Intermediate D-DT 7611 using Line Post Insulator assembly D-DT 7321 per Pole	Each	0			
2.15.4	Steel 15m Strain (0-30deg) Non Standard using Strain Insulator assembly D-DT-7311 per Pole	Each	2			
2.15.5	Steel 18m Strain (0-30deg) Non-Standard using Strain Insulator assembly D-DT-7311 Per Pole	Each	2			
2.15.6	Steel 21m Strain (0-30deg) Non-Standard using Strain Insulator assembly D-DT-7311 Per Pole	Each	2			
2.15.7	Steel 13m Strain Terminal (30-60deg) Non-Standard using Strain Insulator assembly D-DT-7311 Per Pole	Each	1			
2.16	DECOMMISSION EXISTING WOODEN POLE STRUCTURES					
	Decommission existing 66kV line infrastructure comprised of wooden pole structures and kingbird conductor. Line starts from Tarentaal Switching Station to Tzaneen Main Substation. Rate to include all costs required to ensure that material is transported to Greater Tzaneen Municipality Stores.					
2.16.1	Decommissioning	km	2			
2.16.2	Transport material to Greater Tzaneen Municipality Stores	Sum	1			
	SUBTOTAL OF ITEM 2 CARRIED OVER TO SUMMARY					

STRINGING AND REGULATION - TAR/TZA66 TO TAR/TZA76						
ITEM	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	TOTAL
	STRINGING AND REGULATION					
3.	STRINGING					
3.1	Supply, transport to site and string the following (Length is for all three phases):					
3.1.1	Phase conductor - Single Kingbird ACSR	m	6200			
3.2	JOINTS AND TERMINATIONS					
	Supply and install the following compression joints:					
3.2.1	Midspan joint - King Bird ACSR	Each	3			
3.2.2	Dead end termination - King Bird ACSR	Each	66			
3.3	DAMAGE REPAIR					
	Supply and install repair sleeves for damaged conductors:					
3.3.1	Midspan repair sleeve (King Bird ACSR)	Each	3			
3.4	MAKING OFF AND REGULATION					
	(Strain to Strain Section)					
3.4.1	Phase conductor - Single King Bird ACSR	Each	4			
3.5	CLAMPING-IN					
3.5.1	Clamping-in phase conductor (King Bird ACSR)	Each	33			
3.6	VIBRATION DAMPERS					
	Supply and install the following vibration dampers:					
3.6.1	Install Multi-frequency dampers for King Bird ACSR conductor	Each	66			
3.7	PERCHING BRACKET					
3.7.1	Supply and install a perching bracket	Each	11			
3.8	AIRCRAFT WARNING SPHERES					
3.8.1	Supply, transport to specific spans and install complete hardware on specified spans	Each	1			
3.9	NATIONAL ,PROVINCIAL AND DISTRICT ROAD CROSSING					
	Prepare structures, erecting of temporary structures for road crossing, provision of all required road signs at point of crossing. Notify Route Manager, Regional Manager and provincial Traffic Officials at least 30 days prior to commencement of stringing. Arrange notification of road closure by means of news media and radio stations.					
3.9.1	National/Provincial/District Road crossing including all signage and traffic control.	Sum	1			
3.9.2	Cost to advertise road closure and arrange closure with Provincial Traffic Department.	Sum	1			
	SUBTOTAL - CARRY OVER TO NEXT PAGE					

	SUBTOTAL - CARRIED OVER FROM PREVIOUS PAGE					
3.10	MUNICIPAL MAIN ROAD CROSSING					
	Prepare structures, erecting of temporary obstructions and barricades, provision of road signs. Notify manager Roads Department and municipal traffic officials at least 30 days prior commencement of stringing.					
3.10.1	Municipal Main Road crossing including all signage and traffic control.	Sum	1			
3.10.2	Cost to advertise road closure and arrange closure with Municipal Traffic Department.	Sum	1			
3.11	MISCELLANEOUS OVERHEAD CROSSINGS.					
	Prepare structures, erecting of temporary obstructions and barricades, provision of relevant signs. Notify relevant stakeholders at least 30 days prior commencement of stringing and obtain permits for the following crossing:					
3.11.1	Gravel Roads	e.a	1			
3.11.2	River and/or stream crossing	e.a	1			
3.12	ELECTRICAL LINES OVERHEAD CROSSINGS					
	Prepare structures, erecting of temporary obstructions and barricades, provision of relevant signs. Notify relevant stakeholders at least 30 days prior commencement of stringing and obtain permits for the following overhead crossings:					
3.12.1	LV Power Lines & Telephones	e.a	1			
3.12.2	Live Line Crossing for MV Power Line	e.a	3			
3.12.3	Working in close proximity to a Livened Line of the existing Parrallel 66kV Line during Stringing	km	1,8			
3.13	CLOSING SPANS					
	Supply, transport to site and string the following (including conductors, shield wiring insulators, vibration dampers and assemblies):					
3.13.1	Tzaneen Main Substation : King Bird ACSR	Sum	1			
3.14	Complete all parts of the Construction Handbook that applies to the construction of the line	Sum	1			
3.15	POLE IDENTIFICATION LABELS					
3.15.1	Supply and install pole identification labels on entire line	e.a	11			
3.15.2	Supply and install line crossing labels	e.a	3			
3.15.3	Supply and Install phase disc label on the terminal structures	e.a	3			
	SUBTOTAL OF ITEM 3 CARRIED OVER TO SUMMARY					

PRELIMINARY AND GENERALS - FY2026/27						
ITEM	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	TOTAL
4	PRELIMINARY AND GENERAL					
	Amount allowed for all expenses, regarding the following:					
4.1	CONTRACTUAL REQUIREMENTS - FIXED AMOUNT					
4.1.1	Site establishment, which includes, site office, site store, laydown area, temporary housing, security fence, sanitary toilets, obtaining water, electrical connection, etc.	Sum	1			
4.1.2	Determining and locating of existing services as well as management of wayleaves	Sum	1			
4.1.3	Survey of route and pegging as per staking and design drawings	Sum	1			
4.1.4	Bush clearing and herbicide application (Contractor to identify extend of bush clearing). Bush Clearing to be within a servitude of 28m ie 14m on either side of the centre of the 66kV Line	km	4			
4.1.5	Medicals and Induction costs both Entry & Exit	Sum	1			
4.1.6	PPE for EPWP workers	Sum	1			
4.2	COMPLY WITH THE FOLLOWING SAFETY, HEALTH, ENVIRONMENTAL AND QUALITY (SHEQ) REQUIREMENTS- FIXED AMOUNT					
4.2.1	Adherence to Construction Regulations of the OHSA	Sum	1			
4.2.2	Compile a Health and Safety Plan (H & S Plan)	Sum	1			
4.2.3	Compile a Risk Assessment for activities (RA)	Sum	1			
4.2.4	Comply with Environmental Management Plan (EMP)	Sum	1			
4.2.5	Compile a SHEQ File to also include all the above in distinct sections	Sum	1			
4.2.6	Compile a detailed Quality Control Program for construction activities.	Sum	1			
4.3	TIME-RELATED COST - ADJUSTABLE WITH CONTRACT PERIOD					
	The running cost of the project related to the contract period.					
4.3.1	Site overhead cost	month	6			
4.3.2	Security for site camp and work on site	month	6			
4.3.3	Community Liaison Officer	month	6	R 7 260,00	R -	R 43 560,00
4.3.4	SHE Representative	month	6	R -	R 6 600,00	R 39 600,00
4.4	PROVISIONAL SUM AMOUNTS					
4.4.1	Payment of local labourers (Provisional Sum)	Prov Sum	1	R -	R 79 860,00	R 79 860,00
4.4.2	Provisional Sum for Accredited Training as Approved by the Engineer	Prov Sum	1		R 85 000,00	R 85 000,00
4.4.3	Engineers Facilities (Provisional Sum)	Prov Sum	1	R 200 000,00		R 200 000,00
4.4.4	Allowances for Payment of PSC Members (Provisional Sum)	Prov Sum	1	R -	R 15 939,00	R 15 939,00
	SUBTOTAL OF ITEM 4 CARRIED OVER TO SUMMARY					

LINE CONSTRUCTION - TAR/TZA48 TO TAR/TZA65						
ITEM	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	TOTAL
5.	LINE CONSTRUCTION					
5.1	LINE FOUNDATIONS STUDY					
	Appointment of an ECSA (Engineering Council of South Africa) registered Civil/Structural Engineer to carry out geotechnical surveys, soil tests, design the foundation of each and every structure based on the outcomes or results of soil surveys done at each respective structure position.	Sum	1			
5.2	FOUNDATIONS FOR TYPE 4 SOIL - BOLTED/FLANGE FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate, supply, and install complete foundation and based on a Type 4 foundation, for the following structures (Note: flange mounted foundations shall include the concrete blinding, concrete foundation, steel reinforcing including all spacers and fixtures, Top & Bottom templates, holding down bolts including all washers, nuts and torqueing, shuttering and finishing, backfill and compaction):					
5.2.1	Steel 15m Strain (0-30deg)	Each	2			
5.2.2	Steel 18m Strain (0-30deg)	Each	1			
5.3	FOUNDATIONS FOR TYPE 3 SOIL - BOLTED/FLANGE FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate, supply, and install complete foundation and based on a Type 3 foundation, for the following structures (Note: flange mounted foundations shall include the concrete blinding, concrete foundation, steel reinforcing including all spacers and fixtures, Top & Bottom templates, holding down bolts including all washers, nuts and torqueing, shuttering and finishing, backfill and compaction):					
5.3.1	Steel 15m Strain (0-30deg)	Each	1			Rate Only
5.3.2	Steel 18m Strain (0-30deg)	Each	1			Rate Only
5.4	FOUNDATIONS FOR TYPE 2 SOIL - BOLTED/FLANGE FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate, supply, and install complete foundation and based on a Type 2 foundation, for the following structures (Note: flange mounted foundations shall include the concrete blinding, concrete foundation, steel reinforcing including all spacers and fixtures, Top & Bottom templates, holding down bolts including all washers, nuts and torqueing, shuttering and finishing, backfill and compaction):					
5.4.1	Steel 15m Strain (0-30deg)	Each	1			Rate Only
5.4.2	Steel 18m Strain (0-30deg)	Each	1			Rate Only
5.5	FOUNDATIONS FOR TYPE 1 SOIL - BOLTED/FLANGE FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate, supply, and install complete foundation and based on a Type 1 foundation, for the following structures (Note: flange mounted foundations shall include the concrete blinding, concrete foundation, steel reinforcing including all spacers and fixtures, Top & Bottom templates, holding down bolts including all washers, nuts and torqueing, shuttering and finishing, backfill and compaction):					
5.5.1	Steel 15m Strain (0-30deg)	Each	1			Rate Only
5.5.2	Steel 18m Strain (0-30deg)	Each	1			Rate Only
	SUBTOTAL - CARRY OVER TO NEXT PAGE					

	SUBTOTAL - CARRIED OVER FROM PREVIOUS PAGE					
5.6	FOUNDATIONS FOR TYPE 4 SOIL - PLANTED FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Type 4 foundation, for the following structures.					
5.6.1	Steel 18m - 24m 23kN Intermediate D-DT 7611	Each	10			
5.7	FOUNDATIONS FOR TYPE 3 SOIL - PLANTED FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Type 3 foundation, for the following structures.					
5.7.1	Steel 18m - 24m 23kN Intermediate D-DT 7611	Each	1			Rate Only
5.8	FOUNDATIONS FOR TYPE 2 SOIL - PLANTED FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Type 2 foundation, for the following structures.					
5.8.1	Steel 18m - 24m 23kN Intermediate D-DT 7611	Each	1			Rate Only
5.9	FOUNDATIONS FOR TYPE 1 SOIL - PLANTED FOUNDATIONS FOR SELF-SUPPORTING STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Type 1 foundation, for the following structures.					
5.9.1	Steel 18m - 24m 23kN Intermediate D-DT 7611	Each	1			Rate Only
5.10	FOUNDATIONS FOR ROCK- PLANTED STEEL MONOPOLES					
	Transport to pole position, supply and transport imported material, dispose excavated material, excavate backfill and compaction, supply, and install complete foundation and based on a Rock foundation, for the following structures.					
5.10.1	Steel 18m-24m 23kN Intermediate D-DT 7611	Each	5			
5.11	Working in close proximity to a Livened Line of the existing Parrallel 66kV Line	Each	18			
5.12	CONCRETE TEST CUBE RESULTS & CERTIFICATES					
	Take concrete test samples and obtain test certificates for the following:					
5.12.1	7, 14 and 28 concrete test cubes for Monolithic Pole foundation (3 test cubes per concrete delivery).	Sum	1			
5.12.2	7, 14 and 28 concrete test cubes for foundation blindings and pole caps (Note: 3 test cubes per concrete delivery).	Sum	1			
	SUBTOTAL - CARRY OVER TO NEXT PAGE					

	SUBTOTAL - CARRIED OVER FROM PREVIOUS PAGE					
5.13	EARTHING					
	Excavate, supply, install and bond tower earthing for the following structures:					
5.13.1	Bond 2 x terminal towers to individual substation's earthmats using 2x 70 mm ² copper equivalent CCS buried 1m deep to Tzaneen Main Substation	m	0			
5.13.2	Excavate, supply and install complete 3 point star earth electrode (incl. rocky terrain) on each Pole structure	Each	18			
5.13.3	Testing/measurements of tower footing resistance at each Pole Structure and recording the results thereof.	Each	18			
5.13.4	Install concrete cap	Each	18			
5.13.5	Install galvanised steel straps 50x3mm for tower earthing and apply 1m band of bitumen paint on the pole	Each	18			
5.14	ERECTING OF POLES					
	Supply, transport to pole position, install and erect the following Self Supporting Steel Monopole for the following structures at specified positions including backfilling					
5.14.1	Steel 18m 23kN Intermediate D-DT 7611 - Planted	Each	13			
5.14.2	Steel 20m 23kN Intermediate D-DT 7611 - Planted	Each	1			
5.14.3	Steel 24m 23kN Intermediate D-DT 7611 - Planted	Each	1			
5.14.4	Steel 15m Strain (0-30deg)- Bolted	Each	2			
5.14.5	Steel 18m Strain (0-30deg) - Bolted	Each	1			
5.15	STRUCTURE DRESSING					
	Supply, transport to specific pole position and install complete hardware (Including supply of all insulators) for the following complete structures and specified in the tender specifications:					
5.15.1	Steel 18m 23kN Intermediate D-DT 7611 using Line Post Insulator assembly D-DT 7321 per Pole	Each	13			
5.15.2	Steel 20m 23kN Intermediate D-DT 7611 using Line Post Insulator assembly D-DT 7321 per Pole	Each	1			
5.15.3	Steel 24m 23kN Intermediate D-DT 7611 using Line Post Insulator assembly D-DT 7321 per Pole	Each	1			
5.15.4	Steel 15m Strain (0-30deg) Non Standard using Strain Insulator assembly D-DT-7311 per Pole	Each	2			
5.15.5	Steel 18m Strain (0-30deg) Non-Standard using Strain Insulator assembly D-DT-7311 Per Pole	Each	1			
5.16	DECOMMISSION EXISTING WOODEN POLE STRUCTURES					
	Decommission existing 66kV line infrastructure comprised of wooden pole structures and kingbird conductor. Line starts from Tarentaal Switching Station to Tzaneen Main Substation. Rate to include all costs required to ensure that material is transported to Greater Tzaneen Municipality Stores.					
5.16.1	Decommissioning	km	4			
5.16.2	Transport material to Greater Tzaneen Municipality Stores	Sum	1			
	SUBTOTAL OF ITEM 5 CARRIED OVER TO SUMMARY					

PRELIMINARY AND GENERALS - FY2027/28						
ITEM	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	TOTAL
6	PRELIMINARY AND GENERAL					
	Amount allowed for all expenses, regarding the following:					
6.1	CONTRACTUAL REQUIREMENTS - FIXED AMOUNT					
6.1.1	Site establishment, which includes, site office, site store, laydown area, temporary housing, security fence, sanitary toilets, obtaining water, electrical connection, etc.	Sum	1			
6.1.2	Medicals and Induction costs both Entry & Exit	Sum	1			
6.1.3	PPE for EPWP workers	Sum	1			
6.2	COMPLY WITH THE FOLLOWING SAFETY, HEALTH, ENVIRONMENTAL AND QUALITY (SHEQ) REQUIREMENTS- FIXED AMOUNT					
6.2.1	Adherence to Construction Regulations of the OHSA	Sum	1			
6.2.2	Compile a Health and Safety Plan (H & S Plan)	Sum	1			
6.2.3	Compile a Risk Assessment for activities (RA)	Sum	1			
6.2.4	Comply with Environmental Management Plan (EMP)	Sum	1			
6.2.5	Compile a SHEQ File to also include all the above in distinct sections	Sum	1			
6.2.6	Compile a detailed Quality Control Program for construction activities.	Sum	1			
6.3	TIME-RELATED COST - ADJUSTABLE WITH CONTRACT PERIOD					
	The running cost of the project related to the contract period.					
6.3.1	Site overhead cost	month	6			
6.3.2	Security for site camp and work on site	month	6			
6.3.3	Community Liaison Officer	month	6	R 7 260,00	R -	R 43 560,00
6.3.4	SHE Representative	month	6	R -	R 6 600,00	R 39 600,00
6.4	PROVISIONAL SUM AMOUNTS					
6.4.1	Payment of local labourers (Provisional Sum)	Prov Sum	1	R -	R 79 860,00	R 79 860,00
6.4.2	Provisional Sum for Accredited Training as Approved by the Engineer	Prov Sum	1		R 85 000,00	R 85 000,00
6.4.3	Engineers Facilities (Provisional Sum)	Prov Sum	1	R 200 000,00		R 200 000,00
6.4.4	Allowances for Payment of PSC Members (Provisional Sum)	Prov Sum	1	R -	R 15 939,00	R 15 939,00
	SUBTOTAL OF ITEM 6 CARRIED OVER TO SUMMARY					

STRINGING AND REGULATION - TAR/TZA48 TO TAR/TZA65						
ITEM	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	TOTAL
	STRINGING AND REGULATION					
7.	STRINGING					
7.1	Supply, transport to site and string the following (Length is for all three phases):					
7.1.1	Phase conductor - Single Kingbird ACSR	m	14800			
7.2	JOINTS AND TERMINATIONS					
	Supply and install the following compression joints:					
7.2.1	Midspan joint - King Bird ACSR	Each	7			
7.2.2	Dead end termination - King Bird ACSR	Each	108			
7.3	DAMAGE REPAIR					
	Supply and install repair sleeves for damaged conductors:					
7.3.1	Midspan repair sleeve (King Bird ACSR)	Each	5			
7.4	MAKING OFF AND REGULATION					
	(Strain to Strain Section)					
7.4.1	Phase conductor - Single King Bird ACSR	Each	3			
7.5	CLAMPING-IN					
7.5.1	Clamping-in phase conductor (King Bird ACSR)	Each	54			
7.6	VIBRATION DAMPERS					
	Supply and install the following vibration dampers:					
7.6.1	Install Multi-frequency dampers for King Bird ACSR conductor	Each	108			
7.7	PERCHING BRACKET					
7.7.1	Supply and install a perching bracket	Each	18			
7.8	AIRCRAFT WARNING SPHERES					
7.8.1	Supply, transport to specific spans and install complete hardware on specified spans	Each	2			
7.9	NATIONAL ,PROVINCIAL AND DISTRICT ROAD CROSSING					
	Prepare structures, erecting of temporary structures for road crossing, provision of all required road signs at point of crossing. Notify Route Manager, Regional Manager and provincial Traffic Officials at least 30 days prior to commencement of stringing. Arrange notification of road closure by means of news media and radio stations.					
7.9.1	National/Provincial/District Road crossing including all signage and traffic control.	Sum	0			
7.9.2	Cost to advertise road closure and arrange closure with Provincial Traffic Department.	Sum	0			
	SUBTOTAL - CARRY OVER TO NEXT PAGE					

	SUBTOTAL - CARRIED OVER FROM PREVIOUS PAGE					
7.10	MUNICIPAL MAIN ROAD CROSSING					
	Prepare structures, erecting of temporary obstructions and barricades, provision of road signs. Notify manager Roads Department and municipal traffic officials at least 30 days prior commencement of stringing.					
7.10.1	Municipal Main Road crossing including all signage and traffic control.	Sum	1			
7.10.2	Cost to advertise road closure and arrange closure with Municipal Traffic Department.	Sum	1			
7.11	MISCELLANEOUS OVERHEAD CROSSINGS.					
	Prepare structures, erecting of temporary obstructions and barricades, provision of relevant signs. Notify relevant stakeholders at least 30 days prior commencement of stringing and obtain permits for the following crossing:					
7.11.1	Gravel Roads	e.a	2			
7.11.2	River and/or stream crossing	e.a	1			
7.12	ELECTRICAL LINES OVERHEAD CROSSINGS					
	Prepare structures, erecting of temporary obstructions and barricades, provision of relevant signs. Notify relevant stakeholders at least 30 days prior commencement of stringing and obtain permits for the following overhead crossings:					
7.12.1	LV Power Lines & Telephones	e.a	1			
7.12.2	Live Line Crossing for MV Power Line	e.a	0			
7.12.3	Working in close proximity to a Livened Line of the existing Parrallel 66kV Line during Stringing	km	4			
7.13	CLOSING SPANS					
	Supply, transport to site and string the following (including conductors, shield wiring insulators, vibration dampers and assemblies):					
7.13.1	Tzaneen Main Substation : King Bird ACSR	Sum	0			
7.14	Complete all parts of the Construction Handbook that applies to the construction of the line	Sum	1			
7.15	POLE IDENTIFICATION LABELS					
7.15.1	Supply and install pole identification labels on entire line	e.a	18			
7.15.2	Supply and install line crossing labels	e.a	3			
7.15.3	Supply and Install phase disc label on the terminal structures	e.a	0			
	SUBTOTAL OF ITEM 7 CARRIED OVER TO SUMMARY					

PART O CHECKLIST ON MINIMUM REQUIREMENTS

Returnable Documents

Checklist On Minimum Requirements

To assist you with your tendering process, see a checklist on minimum requirements below:

No.	Minimum requirements	Tick	Comment if not attached
1.	Complete original bid document		
2.	Compulsory briefing session		
3.	Proof of payment for tender document, Proof of payment for tender document, including downloaded tender documents (attach receipt) EFT or Manually		
4.	Valid Tax Clearance Certificate or Tax pin		
5.	Latest CSD registration summary report		
6.	CK/Company registration certificate showing percentage of shareholders / membership interest		
7.	Certified ID copies of the shareholders appearing in the CK		
8.	Municipal rates and taxes for both company and directors appearing in CK (not older than 3 months)) if the statement of water and lights is not on your names, please attach affidavit commissioned by oath from SAPS supporting your residential addresses as per attached statement or copy of Lease Agreement with 3 Months proof of payment only (No statements); Certified copies of Permission to Occupy (PTO's) land for bidders residing in Tribal Authority's areas of jurisdiction; proof of residence from Traditional Authority		
9.	CIDB Grading 6EP or Higher		
10.	Bidders work experience appointment letters and completion certificates in relation to the projects signed and stamped by respective institutions		
11.	Proof of Plant and Equipment		
12.	Key personnel and Qualifications		
13.	Proof of Registration as an Electrical Contractor with the Department of Labour		
14.	ORHVS Authorized Person (level 1-4)		
15.	Registered with SACPCMP as Construction Health and Safety Manager		
16.	Construction Management Professional (SACPCMP)		
17.	Company's Audited 3 years Annual Financial Statements signed off by a Professional Accountant/Registered Auditor with a practice number		
18.	Contract period: 36 Months (3 Years)		
19.	In case of a Joint Venture, Association or Consortium a formal contract agreement signed by both parties		

20.	Responded as per the scope of work (compliance to specification/ conditions or term of references)		
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Company Representative (Name)

Signature

A Green, Healthy, Prosperous and United Municipality that Provides Quality Services to All

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