TENDER DOCUMENT GOODS AND SERVICES		CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD
SUPPLY CHAIN MANAGEMENT		
SCM - 542	Approved by Branch Manager: February 2024	Version: 10

TENDER NO: 123G/2026/27

TENDER DESCRIPTION: MANUFACTURE, SUPPLY, DELIVERY AND OFF-LOADING OF ACCESSORIES FOR MEDIUM VOLTAGE POWER CABLES

CONTRACT PERIOD: NOT EXCEEDING THIRTY-SIX (36) MONTHS FROM DATE OF COMMENCEMENT OF CONTRACT

CLOSING DATE	**10 December 2026**
CLOSING TIME	**10:00 am**
TENDER BOX NUMBER	**236**
TENDER FEE	**R200.00**

Non – refundable tender fee payable to the City of Cape Town (CCT) for a hard copy of the tender document. This fee is not applicable to website downloads of the tender document.

TENDERER	
NAME of Company/Close Corporation or Partnership / Joint Venture/ Consortium or Sole Proprietor /Individual (hereinafter the "Tenderer")	
TRADING AS (if different from above)	
Registration number of Tenderer	
Physical address and chosen domicilium citandi et executandi of Tenderer	

NATURE OF TENDER OFFER (please indicate below)	
Main Offer (see clause 2.2.11.1)	
Alternative Offer (see clause 2.2.11.1)	

TENDER SERIAL NO.:
SIGNATURES OF CCT OFFICIALS AT TENDER OPENING
1
2
3

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THE TENDER

T.1 GENERAL TENDER INFORMATION

TENDER ADVERTISED	**:**	**6 November 2026**
CLARIFICATION MEETING	:	Time: **10:00** on Date: **19 November 2026** (Not compulsory, but strongly recommended)
VENUE FOR CLARIFICATION MEETING	:	Microsoft Teams **https://teams.microsoft.com/meet/317919611765332?p=UlSCItWC4ycJp6gYwy** Meeting ID: 317 919 611 765 332 Passcode: Vr7gN6tA
TENDER BOX & ADDRESS	:	**Tender Box as per front cover** at the **Tender & Quotation Boxes Office**, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.
	:	The Tender Document (which includes the Form of Offer and Acceptance) completed and signed in all respects, plus any additional supporting documents required, must be submitted in a sealed envelope with the name and address of the tenderer, the endorsement "**TENDER NO. 123G/2026/27: - TENDER DESCRIPTION: Manufacture, Supply Delivery and Off-loading of Accessories for Medium Voltage Power Cables",** the tender box number. and the closing date indicated on the envelope. The sealed envelope must be inserted into the appropriate official tender box before closing time. If the tender offer is too large to fit into the abovementioned box or the box is full, please enquire at the public counter (Tender Distribution Office) for alternative instructions. It remains the tenderer's responsibility to ensure that the tender is placed in either the original box or as alternatively instructed.
CCT TENDER REPRESENTATIVE	**:**	Email: **SCM.Tenders23@capetown.gov.za**

TENDERERS MUST NOTE THAT WHEREVER THIS DOCUMENT REFERS TO ANY PARTICULAR TRADEMARK, NAME, PATENT, DESIGN, TYPE, SPECIFIC ORIGIN OR PRODUCER, SUCH REFERENCE SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS "OR EQUIVALENT"

T.2 CONDITIONS OF TENDER

2.1 General

2.1.1 Actions

2.1.1.1 The City of Cape Town (hereafter referred to as the "CCT") and each tenderer submitting a tender offer (hereinafter referred to as the "tenderer" or the "supplier") shall comply with item T.2 of this Tender Document Goods and Services (hereinafter referred to as these "Conditions of Tender"). The tenderer and the CCT shall collectively hereinafter be referred to as the "Parties" and individually a "Party"). In their dealings with each other, the Parties shall discharge their duties and obligations as set out in these Conditions of Tender, timeously and with integrity, and behave equitably, honestly and transparently, and shall comply with all legal obligations imposed on the Parties herein and in accordance with all applicable laws.

The Parties agree that this tender, Tender Document Goods and Services (hereinafter referred to as the "Tender" / "Tender Document"), its evaluation and acceptance and any resulting contract shall also be subject to the CCT's Supply Chain Management Policy ('SCM Policy') that was applicable on the date the bid was advertised and as amended from time to time. If the CCT adopts a new SCM Policy which contemplates that any clause therein would apply to the Contract emanating from this tender (hereinafter referred to as the "Contract"), such clause shall also be applicable to that Contract. Please refer to this document contained on the CCT's website.

Abuse of the supply chain management system is not permitted and may result, inter alia, (1) in the tender being rejected; (2) cancellation of the contract; (3) restriction of the supplier, and/or (4) the exercise by the CCT of any other remedies available to it as provided for in the SCM Policy and/or the Contract and/or this tender and/or any applicable laws .

2.1.1.2 The CCT, the tenderer and their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the CCT shall declare any conflict of interest to the CCT at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

2.1.1.3 The CCT shall not seek, and a tenderer shall not submit a tender, without having a firm intention and capacity to proceed with the contract.

2.1.2 Interpretation

2.1.2.1 The additional requirements contained in Annexure F to the contract (hereinafter referred to as the "returnable documents" / "Returnable Schedules") are part of these Conditions of Tender and are specifically hereby incorporated into these Conditions of Tender.

2.1.2.2 These Conditions of Tender and returnable Documents which are required for CCT's tender evaluation purposes herein, shall form part of the Contract arising from the CCT's corresponding invitation to tender.

2.1.3 Communication during tender process

Verbal or any other form of communication, from the CCT, its employees, agents or advisors during site visits/clarification meetings or at any other time prior to the award of the Contract, will not be regarded as binding on the CCT, unless communicated by the CCT in writing to suppliers / tenderers by its Director: Supply Chain Management or his nominee. Similarly, any communication of the tenderer / supplier that is not reduced to writing by the tenderer / supplier, its employees, agents or advisors, shall not be regarded as binding on the CCT, unless communicated to the CCT in writing by the suppliers / tenderers, or their duly authorised representatives.

2.1.4 The CCT's right to accept or reject any tender offer

2.1.4.1 The CCT may accept or reject any tender offer and may cancel the corresponding tender process or reject all tender offers at any time before the formation of a contract. The CCT may, prior to the award of the tender, cancel a tender if:

(a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or
(b) funds are no longer available to cover the total envisaged expenditure; or
(c) no acceptable tenders are received;
(d) there is a material irregularity in the tender process; or
(e) the Parties are unable to negotiate market related pricing.

The CCT shall not accept or incur any liability to a tenderer for such cancellation or rejection, but will give written reasons for such action upon receiving a written request to do so.

2.1.5 Procurement procedures

2.1.5.1 General

Unless otherwise stated in the Conditions of Tender, a contract will be concluded with the tenderer who scores the highest number of tender adjudication points.

The CCT intends to appoint two tenderers per Category (the highest ranked tenderer ("the Main Contractor") and in addition an "Alternative Contractor", where possible offering goods from an alternative manufacturer) for the allocation of work. If no tenderer offers goods from an alternative manufacturer, the second-highest-ranked tenderer offering goods from the same manufacturer may be appointed as the Alternative Contractor for work allocation. If insufficient responsive bids are received, the CCT reserves the right to appoint fewer tenderers, or not to appoint any tenderers at all.

Purchase Orders will in the first instance be placed by the CCT with the Main Contractor.

Should the Main Contractor not be able to meet the contractual commitments relating to a particular order or orders, either in terms of delivery performance or of compliance with the requirements of the specification, the Contractor shall advise the CCT within 5 working days of receipt of the order(s). The purchase order(s) will thereafter be cancelled and orders placed with the Alternative Contractor.

Should the Main Contractor continually fail to meet the contractual commitments the CCT reserves the right to initiate the Default process, during which the Contractor will be afforded an opportunity to address in consultation with the CCT his contract performance and failure to meet the contractual commitments.

During the course of any such Default process the CCT reserves the right to place orders with the Alternative Contractor instead of the Main Contractor and shall retain this right until such time as the Main Contractor has either corrected the non-compliance with the contractual commitments or has provided a proposal to correct the non-compliance with the contractual commitments that is to the satisfaction of the CCT.

In the event that the Main Contractor is formally placed in Default in terms of the specification the contract shall be placed with the Alternative Contractor for the balance of the contract period.

The contract period shall be for a period **not exceeding 36 (thirty six) months** from the commencement date of the contract.]

2.1.5.2 Proposal procedure using the two stage-system

A two-stage system will not be followed.

2.1.5.3 Nomination of Standby Bidder

"Standby Bidder" means a bidder, identified by the CCT at the time of awarding a bid that will be considered for award should the contract be terminated for any reason whatsoever. In the event that a contract is terminated during the execution thereof, the CCT may consider the award of the contract,

or non-award, to the Standby Bidder in terms of the procedures included its SCM Policy, as amended from time to time.

2.1.6 Objections, complaints, queries and disputes/ Appeals in terms of Section 62 of the Systems Act/ Access to court

2.1.6.1 Disputes, objections, complaints and queries

In terms of Regulations 49 and 50 of the Local Government: Municipal Finance Management Act, 56 of 2003 Municipal Supply Chain Management Regulations (Board Notice 868 of 2005):

a) Persons aggrieved by decisions or actions taken by the CCT in the implementation of its supply chain management system, may lodge within 14 days of the decision or action, a written objection or complaint or query or dispute against the decision or action.

2.1.6.2 Appeals

a) In terms of Section 62 of the Local Government: Municipal Systems Act, 32 of 2000 a person whose rights are affected by a decision taken by the CCT, may appeal against that decision by giving written notice of the appeal and reasons to the City Manager within 21 days of the date of the notification of the decision.

b) An appeal must contain the following:
   i. Must be in writing
   ii. It must set out the reasons for the appeal
   iii. It must state in which way the Appellant's rights were affected by the decision;
   iv. It must state the remedy sought; and
   v. It must be accompanied with a copy of the notification advising the person of the decision

c) The relevant CCT appeal authority must consider the consider the appeal and **may confirm, vary or revoke** the decision that has been appealed, but no such revocation of a decision may detract from any rights that may have accrued as a result of the decision.

2.1.6.3 Right to approach the courts and rights in terms of Promotion of Administrative Justice Act, 3 of 2000 and Promotion of Access to Information Act, 2 of 2000

The sub- clauses above do not influence any affected person's rights to approach the High Court at any time or its rights in terms of the Promotion of Administrative Justice Act (PAJA) and Promotion of Access to Information Act (PAIA).

2.1.6.4 All requests referring to sub clauses 2.1.6.1 and 2.1.6.2 must be submitted in writing to:
The City Manager - C/o the Manager: Legal Compliance Unit, Legal Services Department, Office of the City Manager
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X918, Cape Town, 8000
Via email at: MSA.Appeals@capetown.gov.za

2.1.6.5 All requests referring to clause 2.1.6.3 must be submitted in writing to:
The City Manager - C/o the Manager: Access to Information Unit, Legal Service Department, Office of the City Manager
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X918, Cape Town, 8000
Via email at: Access2info.Act@capetown.gov.za

2.1.6.6 The minimum standards regarding accessing and 'processing' of any personal information belonging to another in terms of Protection of Personal Information Act, 2013 (POPIA).

For purposes of this clause 2.1.6.6, the contract and these Conditions of Tender, the terms "data subject", "Personal Information" and "Processing" shall have the meaning as set out in section 1 of POPIA, and "Process" shall have the corresponding meaning.

The CCT, its employees, representatives and sub-contractors may, from time to time, Process the tenderer's and/or its employees', representatives' and/or sub-contractors' Personal Information, for purposes of, and/or relating to, the tender, the contract and these Conditions of Tender, for research purposes, and/or as otherwise may be envisaged in the CCT's Privacy Notice and/or in relation to the CCT's Supply Chain Management Policy or as may be otherwise permitted by law. This includes the Processing of the latter Personal Information by the CCT's due diligence assurance provider, professional advisors and the Appeal Authority as applicable. The CCT's justification for the

processing of such aforesaid Personal Information is based on section 11(1)(b) of POPIA, i.e., in terms of which the CCT's Processing of the said Personal Information is necessary to carry out actions for the conclusion and/or performance of the contract, to which the applicable data subject (envisaged in this clause 2.1.6.6 above) is a party.

All requests relating to data protection must be submitted in writing to:
The City Manager - C/o the Information Officer, Office of the City Manager
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X9181, Cape Town, 8000
Via email at: Popia@capetown.gov.za.

2.1.6.7 Compliance to the CCTs Appeals Policy.

In terms of the CCT's Appeals Policy, a fixed upfront administration fee will be charged. In addition, a surcharge may be imposed for vexatious and frivolous or otherwise manifestly inappropriate tender related appeals.

The current approved administration fee is R300.00 and may be paid at any of the Municipal Offices or at the Civic Centre in Cape Town using the GL Data Capture Receipt attached as Annexure F.13: Appeal Application Form. Alternatively, via EFT into the CCT's NEDBANK Account: CITY OF CAPE TOWN and using Reference number: 198158966. You are required to send proof of payment when lodging your appeal.

The current surcharge for vexatious and frivolous or otherwise manifestly inappropriate tender related appeals will be calculated as ½ (Administrative cost of the tender appeal) + 0.25 %(Appellant's tender price).

Should the payment of the administration fee of R300.00 or the surcharge not be received, such fee or surcharge will be added as a Sundry Tariff to the bidder's municipal account.

In the event where the bidder does not have a Municipal account with the CCT, the fee or surcharge may be recovered in terms of the CCT's Credit Control and Debt Collection By-law, 2006 (as amended) and its Credit Control and Debt Collection Policy.

2.1.7 CCT Supplier Database Registration

Tenderers are required to be registered on the CCT Supplier Database as a service provider. Tenderers must register as such upon being requested to do so in writing and within the period contained in such a request, failing which no orders can be raised or payments processed from the resulting contract. In the case of Joint Venture partnerships this requirement will apply individually to each party of the Joint Venture.

Tenderers who wish to register on the CCT's Supplier Database may collect registration forms from the Supplier Management Unit located within the Supplier Management / Registration Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5). Registration forms and related information are also available on the CCT's website www.capetown.gov.za (follow the Supply Chain Management link to Supplier registration).

It is each tenderer's responsibility to keep all the information on the CCT Supplier Database updated.

2.1.8 National Treasury Web Based Central Supplier Database (CSD) Registration

Tenderers are required to be registered on the National Treasury Web Based Central Supplier Database (CSD) as a service provider. Tenderers must register as such upon being requested to do so in writing and within the period contained in such a request, failing which no orders can be raised or payments processed from the resulting contract. In the case of Joint Venture partnerships this requirement will apply individually to each party of the Joint Venture.

Tenderers who wish to register on the National Treasury Web Based Central Supplier Database (CSD) may do so via the web address **https://secure.csd.gov.za**.

It is each tenderer's responsibility to keep all the information on the National Treasury Web Based Central Supplier Database (CSD) updated.

2.2 Tenderer's obligations

2.2.1 Eligibility Criteria

2.2.1.1 Tenderers are obligated to submit a tender offer that complies in all aspects to the conditions as detailed in this tender document and the Conditions of Tender. An 'acceptable tender must "COMPLY IN ALL" aspects with the tender, Conditions of Tender, all Specifications (i.e., item C.5 below, hereinafter the "Specifications"), pricing instructions herein and the Contract including its conditions.

2.2.1.1.1 Submit a tender offer

Only those tender submissions from which it can be established, *inter alia* that a clear, irrevocable and unambiguous offer has been made to CCT, by whom the offer has been made and what the offer constitutes, will be declared responsive.

2.2.1.1.2 Compliance with requirements of CCT SCM Policy and procedures

Only those tenders that are compliant with the requirements below will be declared responsive:

a) A completed **Details of Tenderer** to be provided (applicable schedule below to be completed);
b) A completed **Certificate of Authority for Partnerships/ Joint Ventures/ Consortiums** to be provided authorising the tender to be made and the signatory to sign the tender on the partnership /joint venture/consortium's (applicable schedule below to be completed);
c) A copy of the partnership / joint venture / consortium agreement to be provided, where applicable.
d) A completed **Declaration of Interest – State Employees** to be provided and which does not indicate any non-compliance with the legal requirements relating to state employees (applicable schedule below to be completed);
e) A completed **Declaration – Conflict of Interest and Declaration of Bidders' past Supply Chain Management Practices** to be provided and which does not indicate any conflict or past practises that renders the tender non-responsive based on the conditions contained thereon (applicable schedules below to be completed);
f) A completed **Certificate of Independent Bid Determination** to be provided and which does not indicate any non-compliance with the requirements of the schedule (applicable schedule below to be completed);
g) The tenderer (including any of its representatives, directors or members), has not been restricted in terms of abuse of the Supply Chain Management Policy,
h) The tenderer's tax matters with SARS are in order, or the tenderer is a foreign supplier that is not required to be registered for tax compliance with SARS;
i) The tenderer is not an advisor or consultant contracted with the CCT whose prior or current obligations creates any conflict of interest or unfair advantage;
j) The tenderer is not a person, advisor, corporate entity or a director of such corporate entity, who is directly or indirectly involved or associated with the bid specification committee;
k) A completed **Authorisation for the Deduction of Outstanding Amounts Owed to the CCT** to be provided and which does not indicate any details that renders the tender non-responsive based on the conditions contained thereon (applicable schedules below to be completed);
l) The tenderer (including any of its representatives, directors or members), has not been found guilty of contravening the Competition Act 89 of 1998, as amended from time to time;
m) The tenderer (including any of its representatives, directors or members), has not been found guilty on any other basis listed in the Supply Chain Management Policy.

2.2.1.1.3 Compulsory clarification meeting

Not Applicable

2.2.1.1.4 Minimum score for functionality

Not Applicable

2.2.1.1.5 Additional Eligibility

In order to be declared responsive, the tenderer must comply fully with the specifications outlined in the tender document. The tenderer's attention is specifically drawn to the following sections of the specification, but not limited to, that need to be provided **at tender closure** if not supplied at tender closure the tender or category will be declared non-responsive:

2.2.1.1.5.1 Technical data to be submitted with the tender must include **fully illustrated and dimensioned manufacturer's installation instructions and full bills of materials** for the MV cable accessories kits offered for each specified item.

2.2.1.1.5.2 The Tenderer must submit with the Tender submission copies of the **Type Test cover sheets, the tested equipment detail pages and the results summaries** for the type test.

2.2.1.1.5.3 The type test certificate details submitted must include the **installation instruction and the bill of materials applicable to the MV cable accessory tested**.

2.2.1.1.7 Provision of samples

Not -Applicable

2.2.2 Cost of tendering

The CCT will not be liable for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

2.2.3 Check documents

The documents issued by the CCT for the purpose of a tender offer are listed in the index of this tender document.

Before submission of any tender, the tenderer should check the number of pages, and if any are found to be missing or duplicated, or the figures or writing is indistinct, or if the Price Schedule contains any obvious errors, the tenderer must apply to the CCT at once to have the same rectified.

2.2.4 Confidentiality and copyright of documents

The tenderer shall treat as strictly confidential all matters arising in connection with the tender. Use and copy the documents issued by the CCT only for the purpose of preparing and submitting a tender offer in response to the invitation.

2.2.5 Reference documents

The tenderer shall obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, Conditions of Contract and other publications, which are not attached but which are incorporated into the tender document(s) by reference.

2.2.6 Acknowledge and comply with notices

The tenderer shall acknowledge receipt of notices to the tender documents, which the CCT may issue, and shall fully comply with all instructions issued in the said notices, and if necessary, apply for an extension of the closing time stated on the front page of the tender document, in order to take the notices into account.

2.2.7 Clarification meeting

The tenderer shall attend, where required, a clarification meeting at which tenderers may familiarise themselves with aspects of the proposed work, services or supply and pose questions. Details of the meeting(s) are stated in the General Tender Information (i.e., in item T.1 above).

Tenderers should be represented at the site visit/clarification meeting by a duly authorised person who is suitably qualified and experienced to comprehend the implications of the work involved.

2.2.8 Seek clarification

The tenderer shall request clarification of the tender documents, if necessary, by notifying the CCT at least one week before the closing time stated in the General Tender Information (i.e., in item T.1 above), where possible.

2.2.9 Pricing the tender offer

2.2.9.1 The tenderer shall comply with all pricing instructions as stated on the Price Schedule.

2.2.10 Alterations to documents

The tenderer shall not make any alterations or additions to the tender documents, except to comply with instructions issued by the CCT in writing, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

2.2.11 Alternative tender offers

2.2.11.1 Unless otherwise stated in the Conditions of Tender, the tenderers may submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted.

If a tenderer wishes to submit an alternative tender offer, he/she/it shall do so as a separate offer on a complete set of tender documents. The alternative tender offer shall be submitted in a separate sealed envelope clearly marked “Alternative Tender” in order to distinguish it from the main tender offer.

Only the alternative of the highest ranked acceptable main tender offer (that is, submitted by the same tenderer) will be considered, and if appropriate, recommended for award.

Alternative tender offers of any but the highest ranked main tender offer will not be considered.

An alternative tender offer to the highest ranked acceptable main tender offer that is priced higher than the main tender offer may be recommended for award, provided that the ranking of the alternative tender offer is higher than the ranking of the next ranked acceptable main tender offer.

The CCT will not be bound to consider alternative tenders and shall have sole discretion in this regard.

In the event that the alternative is accepted, the tenderer warrants that the alternative offer complies in all respects with the CCT’s standards and requirements as set out in the tender document.

2.2.11.2 Acceptance of an alternative tender offer by the CCT may be based only on the criteria stated in the Conditions of Tender or applicable criteria otherwise acceptable to the CCT.

2.2.12 Submitting a tender offer

2.2.12.1 The tenderer is required to submit one tender offer only on the original tender documents as issued by the CCT, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the Conditions of Contract and described in the

Specifications. Only those tenders submitted on the tender documents as issued by the CCT together with all Tender Returnable Documents duly completed and signed will be declared responsive.

2.2.12.2 The tenderer shall return the entire tender document to the CCT after completing it in its entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

2.2.12.3 The tenderer shall sign the original tender offer where required in terms of the Conditions of Tender. The tender shall be signed by a person duly authorised by the tenderer to do so. Tenders submitted by joint ventures of two or more firms shall be accompanied by the document of formation / founding document of the joint venture or any other document signed by all Parties, in which is defined precisely the conditions under which the joint venture will function, its period of duration, the persons authorised to represent and obligate it, the participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner.

2.2.12.4 Where a two-envelope system is required in terms of the Conditions of Tender, place and seal the returnable documents listed in the Conditions of Tender in an envelope marked “financial proposal” and place the remaining returnable documents in an envelope marked “technical proposal”. Each envelope shall state on the outside the CCT’s address and identification details stated in the General Tender Information (i.e., item T.1 above), as well as the tenderer's name and contact address.

2.2.12.5 The tenderer shall seal the original tender offer and copy packages together in an outer package that states on the outside only the CCT's address and identification details as stated in the General Tender Information. If it is not possible to submit the original tender and the required copies (see 2.2.12.3) in a single envelope, then the tenderer must seal the original and each copy of the tender offer as separate packages marking the packages as “ORIGINAL” and “COPY” in addition to the aforementioned tender submission details.

2.2.12.6 The CCT shall not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

2.2.12.7 Tender offers submitted by facsimile or e-mail will be rejected by the CCT, unless stated otherwise in the Conditions of Tender.

2.2.12.8 By signing the offer part of the Form of Offer (**Section 5, Part A hereto**) the tenderer warrants and agrees that all information provided in the tender submission is true and correct.

2.2.12.9 Tenderers shall properly deposit its bid in the designated tender box (as detailed on the front page of this tender document) on or before the closing date and before the closing time, in the relevant tender box at the Tender & Quotation Boxes Office situated on the 2nd floor, Concourse Level, Civic Centre, 12 Hertzog Boulevard, Cape Town. If the tender submission is too large to fit in the allocated box, please enquire at the public counter for assistance.

2.2.12.10 The tenderer must record and reference all information submitted contained in other documents for example cover letters, brochures, catalogues, etc. in the Returnable Schedule titled **List of Other Documents Attached by Tenderer**.

2.2.13 Information and data to be completed in all respects

Tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the CCT as non-responsive.

2.2.14 Closing time

2.2.14.1 The tenderer shall ensure that the CCT receives the tender offer, together with all applicable documents specified herein, at the address specified in the General Tender Information herein prior to the closing time stated on the front page of the tender document.

2.2.14.2 If the CCT extends the closing time stated on the front page of the tender document for any reason, the requirements of these Conditions of Tender apply equally to the extended deadline.

2.2.14.3 The CCT shall not consider tenders that are received after the closing date and time for such a tender (late tenders).

2.2.15 Tender offer validity and withdrawal of tenders

2.2.15.1 The tenderer shall warrant that the tender offer(s) remains valid, irrevocable and open for acceptance by the CCT at any time for a period of 120 days after the closing date stated on the front page of the tender document.

2.2.15.2 Notwithstanding the period stated in clause 2.2.15.1 above, bids shall remain valid for acceptance for a period of twelve (12) months after the expiry of the original validity period, unless the CCT is notified in writing of anything to the contrary by the bidder. The validity of bids may be further extended by a period of not more than six months subject to mutual agreement by the parties, administrative processes and upon approval by the City Manager, unless the required extension is as a result of an appeal process or court ruling.

In circumstances where the validity period of a tender has expired, and the tender has not been awarded, the tender process is considered “completed”, despite there being no decision (award or cancellation) made. This anomaly does not fall under any of the listed grounds of cancellation and should be treated as a "non award". A “non award” is supported as a recommendation to the CCT’s Bod Adjudication Committee (“BAC”) for noting.

2.2.15.3 A tenderer may request in writing, after the closing date, that its tender offer be withdrawn. Such withdrawal will be permitted or refused at the sole discretion of the CCT after consideration of the reasons for the withdrawal, which shall be fully set out by the tenderer in such written request for withdrawal. Should the tender offer be withdrawn in contravention hereof, the tenderer agrees that:

a) it shall be liable to the CCT for any additional expense incurred or losses suffered by the CCT in having either to accept another tender or, if new tenders have to be invited, the additional expenses incurred or losses suffered by the invitation of new tenders and the subsequent acceptance of any other tender;

b) the CCT shall also have the right to recover such additional expenses or losses by set-off against monies which may be due or become due to the tenderer under this or any other tender or contract or against any guarantee or deposit that may have been furnished by the tenderer or on its behalf for the due fulfilment of this or any other tender or contract. Pending the ascertainment of the amount of such additional expenses or losses, the CCT shall be entitled to retain such monies, guarantee or deposit as security for any such expenses or loss, without prejudice to the CCT’s other rights and/or remedies available to it in accordance with any applicable laws.

2.2.16 Clarification of tender offer, or additional information, after submission

Tenderer’s shall promptly provide clarification of its tender offer, or additional information, in response to a written request to do so from the CCT during the evaluation of tender offers within the time period stated in such request. No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: This clause does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the CCT elect to do so.

Failure, or refusal, to provide such clarification or additional information within the time for submission stated in the CCT’s written request may render the tender non-responsive.

2.2.17 Provide other material

2.2.17.1 Tenderer’s shall promptly provide, upon request by the CCT, any other material that has a bearing on the tender offer, the tenderer’s commercial position (including joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the CCT for the purpose of the evaluation of the tender. Should the tenderer not provide the material, or a satisfactory reason as to

why it cannot be provided, by the time for submission stated in the CCT's request, the CCT may regard the tender offer as non-responsive.

2.2.17.2 The tenderer shall provide, on written request by the CCT, where the transaction value inclusive of VAT **exceeds R 10 million**:

a) audited annual financial statement for the past 3 years, or for the period since establishment if established during the past 3 years, if required by law to prepare annual financial statements for auditing;
b) a certificate signed by the tenderer certifying that the tenderer has no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days;
c) particulars of any contracts awarded to the tenderer 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;
d) 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 or municipal entity is expected to be transferred out of the Republic.

Each entity to a Consortium/Joint Venture bid shall submit separate certificates/statements in the above regard.

2.2.17.3 Tenderers shall be required to undertake to fully cooperate with the CCT's external service provider appointed to perform a due diligence review and risk assessment upon receipt of such written instruction from the CCT.

2.2.18 Samples, Inspections, tests and analysis

Tenderers shall provide access during working hours to premises for inspections, tests and analysis as provided for in the Conditions of Tender or Specifications.

If the Specifications requires the tenderer to provide samples, these shall be provided strictly in accordance with the instructions set out in the Specification.

If such samples are not submitted as required in the bid documents or within any further time stipulated by the CCT in writing, then the bid concerned may be declared non-responsive.

The samples provided by all successful bidders will be retained by the CCT for the duration of any subsequent contract. Bidders are to note that samples are requested for testing purposes therefore samples submitted to the CCT may not in all instances be returned in the same state of supply and in other instances may not be returned at all. Unsuccessful bidders will be advised by the Project Manager or dedicated CCT Official to collect their samples, save in the aforementioned instances where the samples would not be returned.

2.2.19 Certificates

The tenderer must provide the CCT with all certificates as stated below:

2.2.19.1. Preference Points for Specific Goals

In order to qualify for preference points for Specific Goals, it is the responsibility of the tenderer to submit documentary proof (Company registration certification, Central Supplier Database report, BBBEE certificate, , Financial Statements, commissioned sworn affidavits, etc.) in support of tenderer claims for such preference for that specific goal.

Tenderers are further referred to the content of the Preference Schedule for the full terms and conditions applicable to the awarding of preference points.

2.2.19.2 Evidence of tax compliance

Tenderers shall be registered with the South African Revenue Service (SARS) and their tax affairs must be in order and they must be tax compliant subject to the requirements of clause 2.2.1.1.2.h. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a valid Tax Compliance Status PIN issued by SARS to the CCT at the Supplier Management Unit located within the Supplier Management / Registration Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5),

or included with this tender. The tenderer must record its Tax Compliance Status PIN number on the **Details of Tenderer** pages of the tender submission.

Each party to a Consortium/Joint Venture shall submit a separate Tax Compliance Status Pin.

Before making an award the CCT must verify the bidder's tax compliance status. Where the recommended bidder is not tax compliant, the bidder should be notified of the non-compliant status and be requested to submit to the CCT, within 7 working days, written proof from SARS that they have made arrangement to meet their outstanding tax obligations. The proof of tax compliance submitted by the bidder must be verified by the CCT via CSD or e-Filing. The CCT should reject a bid submitted by the bidder if such bidder fails to provide proof of tax compliance within the timeframe stated herein.

Only foreign suppliers who have answered "NO" to all the questions contained in the Questionnaire to Bidding Foreign Suppliers section on the **Details of Tenderer** pages of the tender submission, are not required to register for a tax compliance status with SARS.

2.2.20 Compliance with Occupational Health and Safety Act, 85 of 1993

Tenderers are to note the requirements of the Occupational Health and Safety Act, 85 of 1993. The Tenderer shall be deemed to have read and fully understood the requirements of the above Act and Regulations and to have allowed for all costs in compliance therewith.

In this regard the Tenderer shall submit **upon written request to do so by the CCT**, a Health and Safety Plan in sufficient detail to demonstrate the necessary competencies and resources to deliver the goods or services all in accordance with the Act, Regulations and Health and Safety Specification.

2.2.21 Claims arising from submission of tender

By responding to the tender herein, the tenderer warrants that it has:

a) Inspected the Specifications and read and fully understood the Conditions of Contract.
b) Read and fully understood the whole text of the Specifications and Price Schedule and thoroughly acquainted himself with the nature of the goods or services proposed and generally of all matters which may influence the Contract.
c) visited the site(s) where delivery of the proposed goods will take place, carefully examined existing conditions, the means of access to the site(s), the conditions under which the delivery is to be made, and acquainted himself with any limitations or restrictions that may be imposed by the Municipal or other Authorities in regard to access and transport of materials, plant and equipment to and from the site(s) and made the necessary provisions for any additional costs involved thereby.
d) requested the CCT to clarify the actual requirements of anything in the Specifications and Price Schedule, the exact meaning or interpretation of which is not clearly intelligible to the Tenderer.
e) Received any notices to the tender documents which have been issued in accordance with the CCT's Supply Chain Management Policy.

The CCT will therefore not be liable for the payment of any extra costs or claims arising from the submission of the tender.

2.2.22 Collection and issuing of tender documents

The CCT will only issue tender documents through it's Tender Distribution Office and/or the official CCT tender portal. Bidders who obtain documents through any means other than described herein, will not be known to the CCT and may thus not receive tender notices and addendums. Tenderers are not allowed to distribute tender documents to other potential bidders.

It is the responsibility of bidders who obtain documents through any means other than described herein, to notify the CCT tender representative thereof that they are participating in the tender. The CCT accepts no liability for any tender notices or addendums not reaching any bidders, who obtained documents through any means other than described herein or who provided incorrect contact details to the CCT.

2.3 The CCT's undertakings

2.3.1 Respond to requests from the tenderer

2.3.1.1 Unless otherwise stated in the Conditions of Tender, the CCT shall respond to a request for clarification received up to one week (where possible) before the tender closing time stated on the front page of the tender document.

2.3.1.2 The CCT's duly authorised representative for the purpose of this tender is stated on the General Tender Information page above.

2.3.2 Issue Notices

If necessary, the CCT may issue addenda in writing that may amend or amplify the tender documents to each tenderer during the period from the date the tender documents are available until one week before the tender closing time stated in the Tender Data. The CCT reserves its rights to issue addenda less than one week before the tender closing time in exceptional circumstances If, as a result a tenderer applies for an extension to the closing time stated on the front page of the tender document, the CCT may grant such extension and, shall then notify all tenderers who drew documents.

2.3.3 Opening of tender submissions

2.3.3.1 Unless the two-envelope system is to be followed, CCT shall open tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the Conditions of Tender.

Tenders will be opened immediately after the closing time for receipt of tenders as stated on the front page of the tender document, or as stated in any Notice extending the closing date and at the closing venue as stated in the General Tender Information.

2.3.3.2 Announce at the meeting held immediately after the opening of tender submissions, at the closing venue as stated in the General Tender Information, the name of each tenderer whose tender offer is opened and, where possible, the prices indicated.

2.3.3.3 Make available a record of the details announced at the tender opening meeting on the CCT's website (http://www.capetown.gov.za/en/SupplyChainManagement/Pages/default.aspx.)

2.3.4 two-envelope system

2.3.4.1 Where stated in the Conditions of Tender that a two-envelope system is to be followed, the CCT shall open only the technical proposal of tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the Conditions of Tender and announce the name of each tenderer whose technical proposal is opened.

2.3.4.2 The CCT shall evaluate the quality of the technical proposals offered by tenderers, then advise tenderers who have submitted responsive technical proposals of the time and place when the financial proposals will be opened. The CCT shall open only the financial proposals of tenderers, who have submitted responsive technical proposals in accordance with the requirements as stated in the Conditions of Tender, and announce the total price and any preference claimed. Return unopened financial proposals to tenderers whose technical proposals were non responsive.

2.3.5 Non-disclosure

The CCT shall not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

2.3.6 Grounds for rejection and disqualification

The CCT shall determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

2.3.7 Test for responsiveness

2.3.7.1 Appoint a Bid Evaluation Committee and determine after opening whether each tender offer properly received:

a) complies with the requirements of these Conditions of Tender,
b) has been properly and fully completed and signed, and
c) is responsive to the other requirements of the tender documents.

2.3.7.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the CCT's opinion, would:

a) Detrimentally affect the scope, quality, or performance of the goods, services or supply identified in the Specifications,
b) Significantly change the CCT's or the tenderer's risks and responsibilities under the contract, or
c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of any material deviation or qualification.

The CCT reserves the right to accept a tender offer which does not, in the CCT’s opinion, materially and/or substantially deviate from the terms, conditions, and specifications of the tender documents.

2.3.8 Arithmetical errors, omissions and discrepancies

2.3.8.1 Check the responsive tenders for:

a) The gross misplacement of the decimal point in any unit rate;
b) Omissions made in completing the Price Schedule; or
c) Arithmetic errors in:
    i) line item totals resulting from the product of a unit rate and a quantity in the Price Schedule; or
    ii) The summation of the prices; or
    iii) Calculation of individual rates.

2.3.8.2 The CCT must correct the arithmetical errors in the following manner:

a) Where there is a discrepancy between the amounts in words and amounts in figures, the amount in words shall govern.
b) If pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as tendered shall govern, and the unit rate shall be corrected.
c) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if Price Schedules apply) to achieve the tendered total of the prices.

Consider the rejection of a tender offer if the tenderer does not correct or accept the correction of the arithmetical error in the manner described above.

2.3.8.3 In the event of tendered rates or lump sums being declared by the CCT to be unacceptable to it because they are not priced, either excessively low or high, or not in proper balance with other rates or lump sums, the tenderer may be required to produce evidence and advance arguments in support

of the tendered rates or lump sums objected to. If, after submission of such evidence and any further evidence requested, the CCT is still not satisfied with the tendered rates or lump sums objected to, it may request the tenderer to amend these rates and lump sums along the lines indicated by it.

The tenderer will then have the option to alter and/or amend the rates and lump sums objected to and such other related amounts as are agreed on by the CCT, but this shall be done without altering the tender offer in accordance with this clause.

Should the tenderer fail to amend his tender in a manner acceptable to and within the time stated by the CCT, the CCT may declare the tender as non-responsive.

2.3.9 Clarification of a tender offer

The CCT may, after the closing date, request additional information or clarification from tenderers, in writing on any matter affecting the evaluation of the tender offer or that could give rise to ambiguity in a contract arising from the tender offer, which written request and related response shall not change or affect their competitive position or the substance of their offer. Such request may only be made in writing by the Director: Supply Chain Management using any means as appropriate.

2.3.10 Evaluation of tender offers

2.3.10.1 General

2.3.10.1.1 The CCT may reduce each responsive tender offer to a comparative price and evaluate them using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the Conditions of Tender.

2.3.10.1.2

2.3.10.1.3 Where the scoring of functionality forms part of a bid process, each member of the Bid Evaluation Committee must individually score functionality. The individual scores must then be interrogated and calibrated if required where there are significant discrepancies. The individual scores must then be added together and averaged to determine the final score.

2.3.10.2 Decimal places

Score financial offers, preferences and functionality, as relevant, to two decimal places.

2.3.10.3 Scoring of tenders (price and preference)

2.3.10.3.1 Points for price will be allocated in accordance with the formula set out in this clause based on the tender amount per item as set out in **Volume 2 - Price Schedule (Part 5).**

Category of items scored according to tendered price / rate and preference for each category using the estimated usage.

Category 1: Straight-through joint, cast iron, 3-core 11 kV PILC cable
Category 2: Straight-through joint, silicone filled, 3-core 11 kV PILC cable
Category 3: Straight-through & transition joints, heat shrink, 3-core 11 kV PILC & XLPE cable
Category 4: Termination, Indoor, heat shrink, 3-core 11 kV PILC & XLPE cable
Category 5: Termination, Outdoor, heat shrink, 3-core 11 kV PILC & XLPE cable
Category 6: Termination, Indoor, heat shrink, Fully Screened, 3-core 11 kV PILC cable
Category 7: Termination, Indoor, heat shrink, Fully Screened, 3-core 11 kV XLPE cable
Category 8: Bushing Boot, PILC cable (USC & Concertina boots)
Category 9: Lugs and Ferrules

The tenderer winning a Category (main and alternative) will be awarded the Spares and Training for the Category. The Spares and Training will not form part of the scoring but will be evaluated for market relatedness.

2.3.10.3.2 Points for preference will be allocated in accordance with the provisions of **Preference Schedule** and the table in this clause.

2.3.10.3.3 The terms and conditions of **Preference Schedule** as it relates to preference shall apply in all respects to the tender evaluation process and any subsequent contract.

2.3.10.3.4 Applicable formula:

The 90/10 price/preference points system will be applied to the evaluation of responsive tenders above a Rand value of R50'000'000 (all applicable taxes included), whereby the order(s) will be placed with the tenderer(s) scoring the highest total number of adjudication points.
Price shall be scored as follows:

$$Ps = 90 \times \left(1 - \frac{Pt - Pmin}{Pmin}\right)$$

Where: Ps is the number of points scored for price; Pt is the price of the tender under consideration; Pmin is the price of the lowest responsive tender.

Preference points shall be based on the Specific Goal as per below:

Table B2: Awards above R50 mil (VAT Inclusive)

#	Specific goals allocated points	Preference Points (90/10)
	Reconstruction and Development Programme (RDP) as published in Government Gazette	
1	***Promotion of Micro and Small Enterprises*** *Micro with a turnover up to R20million and Small with a turnover up to R80 million as per National Small Enterprise Act, 1996 (Act No.102 of 1996)* *SME partnership, sub-contracting, joint venture or consortiums*	4
2	***Enterprise Supplier Development and Socio Economic Development*** *> 15% of total expenditure = 3 points* *> 10% up to 15% of total expenditure = 2 points* *>= 5% up to 10% of total expenditure = 1 points* *< 5% of total expenditure = 0 points*	3
3	***Skills Development OR Employee Share Scheme*** ***Skills Development*** *> 5% of total expenditure = 3 points* *> 3% up to 5% of total expenditure = 2 points* *>= 1% up to 3% of total expenditure = 1 points* *< 1% of total expenditure = 0 points* ***OR Employee Share Scheme*** *> 15% employee ownership = 3 points* *> 10% up to 15% employee ownership = 2 point* *>= 5% up to 10% employee ownership = 1 point* *< 5% employee ownership = 0 point*	3
	Total points	**10**

2.3.10.5 Risk Analysis

Notwithstanding compliance with regard to any requirements of the tender, the CCT will perform a risk analysis in respect of the following:

a) reasonableness of the financial offer
b) reasonableness of unit rates and prices
c) the tenderer's ability to fulfil its obligations in terms of the tender document, that is, that the tenderer can demonstrate that he/she possesses the necessary professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, capacity, experience, reputation, personnel to perform the contract, etc.; the CCT reserves the right to consider a tenderer's existing contracts with the CCT in this regard
d) any other matter relating to the submitted bid, the tendering entity, matters of compliance, verification of submitted information and documents, etc.

The conclusions drawn from this risk analysis will be used by the CCT in determining the acceptability of the tender offer.

No tenderer will be recommended for an award unless the tenderer has demonstrated to the satisfaction of the CCT that he/she has the resources and skills required.

2.3.11 Negotiations with preferred tenderers

The CCT may negotiate the final terms of a contract with tenderers identified through a competitive tendering process as preferred tenderers provided that such negotiation:

a) Does not allow any preferred tenderer a second or unfair opportunity;
b) Is not to the detriment of any other tenderer; and
c) Does not lead to a higher price than the tender as submitted.

If negotiations fail to result in acceptable contract terms, the City Manager (or his delegated authority) may terminate the negotiations and cancel the tender, or invite the next ranked tenderer for negotiations. The original preferred tenderer should be informed of the reasons for termination of the negotiations. If the decision is to invite the next highest ranked tenderer for negotiations, the failed earlier negotiations may not be reopened by the CCT.

Minutes of any such negotiations shall be kept for record purposes.

The provisions of this clause will be equally applicable to any invitation to negotiate with any other tenderers.

In terms of the CCT's SCM Policy, tenders must be cancelled in the event that negotiations fail to achieve a market related price with any of the three highest scoring tenderers.

2.3.12 Acceptance of tender offer

Notwithstanding any other provisions contained in the tender document, the CCT reserves the right to:

2.3.12.1 Accept a tender offer(s) which does not, in the CCT's opinion, materially and/or substantially deviate from the terms, conditions, and specifications of the tender document.

2.3.12.2 Accept the whole tender or part of a tender or any item or part of any item or items from multiple manufacturers, or to accept more than one tender (in the event of a number of items being offered), and the CCT is not obliged to accept the lowest or any tender.

2.3.12.3 Accept the tender offer(s), if in the opinion of the CCT, it does not present any material risk and only if the tenderer(s):

a) is not under restrictions, has any principals who are under restrictions, or is not currently a supplier to whom notice has been served for abuse of the supply chain management system, preventing participation in the CCT's procurement,

b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
c) has the legal capacity to enter into the contract,
d) is not insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act, 2008, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing, complies with the legal requirements, if any, stated in the tender data, and
e) is able, in the opinion of the CCT, to perform the contract free of conflicts of interest.

If an award cannot be made in terms of anything contained herein, the CCT reserves the right to consider the next ranked tenderer(s).

2.3.12.4 The CCT reserves the right not to make an award, or revoke an award already made, where the implementation of the contract may result in reputational risk or harm to the CCT as a result of (inter alia):

a) reports of poor governance or unethical behaviour, or both;
b) association with known notorious individuals and family of notorious individuals;
c) poor performance issues, known to the CCT;
d) negative media reports, including negative social media reports;
e) adverse assurance (e.g. due diligence) report outcomes; and
f) circumstances where the relevant vendor has employed, or is directed by, anyone who was previously employed in the service of the state (as defined in clause 1.53 of the SCM Policy), where the person is or was negatively implicated in any SCM irregularity.

2.3.12.5 The CCT reserves the right to nominate an Stand by Bidder at the time when an award is made and in the event that a contract is terminated during the execution thereof, the CCT may consider the award of the contract, or non-award, to the Standby Bidder in terms of the procedures included its SCM Policy.

2.3.13 Prepare contract documents

2.3.13.1 If necessary, revise documents that shall form part of the contract and that were issued by the CCT as part of the tender documents to take account of:

a) Notices issued during the tender period,
b) Inclusion of some of the returnable documents, and
c) Other revisions agreed between the CCT and the successful tenderer.

2.3.13.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

2.3.14 Notice to successful and unsuccessful tenderers

2.3.14.1 Before accepting the tender of the successful tenderer the CCT shall notify the successful tenderer in writing of the decision of the CCT's Bid Adjudication Committee to award the tender to the successful tenderer. No rights shall accrue to the successful tenderer in terms of this notice.

2.3.14.2 The CCT shall, at the same time as notifying the successful tenderer of the Bid Adjudication Committee's decision to award the tender to the successful tenderer, also give written notice to the other tenderers informing them that they have been unsuccessful.

2.3.15 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these Conditions of Tender, but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

TENDER NO: 123G/2026/27

TENDER DESCRIPTION: MANUFACTURE, SUPPLY DELIVERY AND OFF-LOADING OF ACCESSORIES FOR MEDIUM VOLTAGE POWER CABLES

CONTRACT PERIOD: NOT EXCEEDING THIRTY-SIX (36) MONTHS FROM DATE OF COMMENCEMENT OF CONTRACT

THE CONTRACT

THE CITY OF CAPE TOWN	
A metropolitan municipality, established in terms of the Local Government: Municipal Structures Act, 117 of 1998 read with the Province of the Western Cape: Provincial Gazette 5588 dated 22 September 2000, as amended ("the Purchaser") herein represented by	
AUTHORISED REPRESENTATIVE	

AND

SUPPLIER	
NAME of Company/Close Corporation or Partnership / Joint Venture/ Consortium or Sole Proprietor /Individual (The "Supplier" / "tenderer")	
TRADING AS (if different from above)	
REGISTRATION NUMBER	
PHYSICAL ADDRESS / CHOSEN DOMICILIUM CITANI ET EXECTUANDI OF THE SUPPLIER	
AUTHORISED REPRESENTATIVE	
CAPACITY OF AUTHORISED REPRESENTATIVE	

(HEREINAFTER COLLECTIVELY REFERRED TO AS "THE PARTIES" AND INDIVIDUALLY A "PARTY")

NATURE OF TENDER OFFER (please indicate below)	
Main Offer (see clause 2.2.11.1)	
Alternative Offer (see clause 2.2.11.1)	

C.1 DETAILS OF TENDERER/SUPPLIER

1.1 Type of Entity (Please tick one box)

☐ Individual / Sole Proprietor ☐ Close Corporation ☐ Company

☐ Partnership or Joint Venture or Consortium ☐ Trust ☐ Other:

1.2 Required Details (Please provide applicable details in full):

Name of Company / Close Corporation or Partnership / Joint Venture / Consortium or Individual /Sole Proprietor	
Trading as (if different from above	
Company / Close Corporation registration number (if applicable)	
Postal address	Postal Code _____
Physical address (Chosen Domicilium Citandi Et Executandi)	Postal Code _____
Contact details of the person duly authorised to represent the tenderer	Name: Mr/Ms _____ (Name & Surname) Telephone :(____) _____ Fax :(____) _____ Cellular Telephone:_____ E-mail address:_____
Income tax number	
VAT registration number	
SARS Tax Compliance Status PIN	
CCT Supplier Database Registration Number (See Conditions of Tender)	
National Treasury Central Supplier Database registration number (See Conditions of Tender)	
Is tenderer the accredited representative in South Africa for the Goods / Services / Works offered?	☐Yes ☐No If yes, enclose proof
Is tenderer a foreign based supplier for the Goods / Services / Works offered?	☐Yes ☐No If yes, answer the Questionnaire to Bidding Foreign Suppliers (below)
Questionnaire to Bidding Foreign Suppliers	a) Is the tenderer a resident of the Republic of South Africa or an entity registered in South Africa? ☐Yes ☐No
	b) Does the tenderer have a permanent establishment in the Republic of South Africa? ☐Yes ☐No
	c) Does the tenderer have any source of income in the Republic of South Africa? ☐Yes ☐No
	d) Is the tenderer liable in the Republic of South Africa for any form of taxation? ☐Yes ☐No
Other Required registration numbers	

C.2 FORM OF OFFER AND ACCEPTANCE

TENDER 123G/2026/27: Manufacture, Supply, Delivery and Off-Loading of Accessories for Medium Voltage Power Cables

C.2.1 Offer (To Be Completed by the Tenderer as Part of Tender Submission)

The tenderer, identified in the offer signature table below,

HEREBY AGREES THAT by signing the *Form of Offer and Acceptance,* the tenderer:

1. confirms that it has examined the documents listed in the Index (including Schedules and Annexures) and has accepted all the Conditions of Tender;

2. confirms that it has received and incorporated any and all notices issued to tenderers issued by the CCT;

3. confirms that it has satisfied itself as to the correctness and validity of the tender offer; that the price(s) and rate(s) offered cover all the goods and/or services specified in the tender documents; that the price(s) and rate(s) cover all its obligations and accepts that any mistakes regarding price(s), rate(s) and calculations will be at its own risk;

4. offers to supply all or any of the goods and/or render all or any of the services described in the tender document to the CCT in accordance with the:
   4.1 terms and conditions stipulated in this tender document;
   4.2 specifications stipulated in this tender document; and
   4.3 at the prices as set out in the **Price Schedule**.

5. accepts full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on it in terms of the Contract.

SIGNED AT _____ (PLACE) ON THE _____ (DAY) OF_____ (MONTH AND YEAR)

_____
For and on behalf of the Supplier
(Duly Authorised)
Name and Surname:

_____
Witness 1 Signature
Name and Surname:

_____
Witness 2 Signature
Name and Surname:

INITIALS OF CCT OFFICIALS		
1	2	3

FORM OF OFFER AND ACCEPTANCE (continued)

TENDER 123G/2026/27: Manufacture, Supply, Delivery and Off-Loading of Accessories for Medium Voltage Power Cables

C.2.2 Acceptance (To Be Completed by the CCT)

By signing this part of this *Form of Offer and Acceptance*, the CCT accepts the tenderer's (if awarded the Supplier's) offer. In consideration thereof, the CCT shall pay the Supplier the amount due in accordance with the conditions of contract. Acceptance of the Supplier's offer shall form an agreement between the CCT and the Supplier upon the terms and conditions contained in this document.

The terms of the agreement are contained in the Contract (as defined) including drawings and documents or parts thereof, which may be incorporated by reference.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the *Tender Returnable Documents* as well as any changes to the terms of the offer agreed by the tenderer and the CCT during this process of offer and acceptance, are contained in the *Schedule of Deviations* attached to and forming part of this *Form of Offer and Acceptance*. No amendments to or deviations from said documents are valid unless contained in the *Schedule of Deviations.*

The Supplier shall within 2 (two) weeks after contract commencement, contact the CCT to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms the *Special Conditions of Contract*. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation / breach of the agreement.

Unless indicated otherwise in the Deviation Schedule, this agreement comes into effect on the Commencement Date, being the date upon which the Supplier confirms receipt from the CCT of 1 (one) complete, signed copy of the Contract, including amendments or deviations contained in the *Schedule of Deviations* (if any).

ONLY TO BE COMPLETED AT ACCEPTANCE STAGE

_____
For and on behalf of the City of Cape Town
(Duly Authorised)
Name and Surname:

_____
Witness 1 Signature
Name and Surname:

_____
Witness 2 Signature
Name and Surname:

FORM OF OFFER AND ACCEPTANCE (continued)

TENDER 123G/2026/27: Manufacture, Supply, Delivery and Off-Loading of Accessories for Medium Voltage Power Cables

C.2.3 Schedule of Deviations (To be Completed by the CCT upon Acceptance)

Notes:

1. The extent of deviations from the tender documents issued by the CCT before the tender closing date, is limited to those permitted in terms of the conditions of tender.
2. A tenderer's covering letter shall not be included in the final Contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties to become an obligation of the Contract, shall be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall form part of the Contract.

1 Subject . . . . . .

Details . . . . . .

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2 Subject . . . . . .

Details . . . . . .

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3 Subject . . . . . .

Details . . . . . .

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4 Subject . . . . . .

Details . . . . . .

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ONLY TO BE COMPLETED AT ACCEPTANCE STAGE

By the duly authorised representatives signing this agreement, the CCT and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to this tender document and addenda thereto as listed in the *Tender Returnable Documents*, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the CCT during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the Commencement Date, shall have any meaning or effect between the Parties arising from the agreement.

FORM OF OFFER AND ACCEPTANCE (continued)

TENDER 123G/2026/27: Manufacture, Supply, Delivery and Off-Loading of Accessories for Medium Voltage Power Cables

C.2.4 Confirmation of Receipt (To be Completed by Supplier upon Acceptance)

The Supplier identified in the offer part of the Contract hereby confirms receipt from the CCT of 1 (one) complete, signed copy of the Contract, including the *Schedule of Deviations* (if any) on:

The..... (Day)

Of..... (Month)

20..... (year)

At..... (Place)

For the Supplier: Signature(s) . . . . . .
Name(s) . . . . . .
Capacity . . . . . .
Signature and name of witness:

Signature . . . . . Name . . . . . .

ONLY TO BE COMPLETED AT ACCEPTANCE STAGE

C.3 OCCUPATIONAL HEALTH AND SAFETY AGREEMENT

AGREEMENT MADE AND ENTERED INTO BETWEEN THE CCT (HEREINAFTER CALLED THE "CCT") AND

……..…….. ,
(Supplier/Mandatary/Company/CC Name)

IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 85 OF 1993 AS AMENDED.

I, ……..……..……., representing

……..…….. , as an employer in its own right in its own right, do hereby undertake to ensure, as far as is reasonably practicable, that all work will be performed, and all equipment, machinery or plant used in such a manner as to comply with the provisions of the Occupational Health and Safety Act (hereafter "OHSA") and the Regulations promulgated thereunder.

I furthermore confirm that I am/we are registered with the Compensation Commissioner and that all registration and assessment monies due to the Compensation Commissioner have been fully paid or that I/We are insured with an approved licensed compensation insurer.

COID ACT Registration Number: ……..

OR Compensation Insurer: ..... Policy No.: .....

I undertake to appoint, where required, suitable competent persons, in writing, in terms of the requirements of OHSA and the Regulations and to charge him/them with the duty of ensuring that the provisions of OHSA and Regulations as well as the Council's Special Conditions of Contract, Way Leave, Lock-Out and Work Permit Procedures are adhered to as far as reasonably practicable.

I further undertake to ensure that any subcontractors employed by me will enter into an occupational health and safety agreement separately, and that such subcontractors comply with the conditions set.

I hereby declare that I have read and understand the Occupational Health and Safety Specifications contained in this tender and undertake to comply therewith at all times.

I hereby also undertake to comply with the Occupational Health and Safety Specification and Plan submitted and approved in terms thereof.

Signed at .....on the.....day of.....20….

_____ _____
Witness **Mandatary**

Signed at..... on the.....day of.....20 ....

_____ _____
Witness for and on behalf of
CCT

C.4 PRICE SCHEDULE

Bid specifications may not make any reference to any particular trade mark, name, patent, design, type, specific origin or producer, unless there is no other sufficiently precise or intelligible way of describing the characteristics of the work, in which case such reference must be accompanied by the words “or equivalent”.

TENDERERS MUST NOTE THAT WHEREVER THIS DOCUMENT REFERS TO ANY PARTICULAR TRADE MARK, NAME, PATENT, DESIGN, TYPE, SPECIFIC ORIGIN OR PRODUCER, SUCH REFERENCE SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS ‘OR EQUIVALENT”

Pricing Instructions:

5.1 State the rates and prices in Rand unless instructed otherwise in the Conditions of Tender.

5.2 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT)), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the General Tender Information.

5.3 All prices tendered must include all expenses, disbursements and costs (e.g. transport, accommodation, security, etc.) that may be required for the execution of the tenderer’s obligations in terms of the Contract, and shall cover the cost of all general risks and obligations set forth or implied in the Contract as well as overhead charges and profit (in the event that the tender is successful). All prices tendered will be final and binding.

5.4 All prices shall be tendered in accordance with the units specified in this schedule.

5.5 The successful tenderer is required to perform all tasks listed against each item. The tenderer must therefore tender prices/rates on all items as per the Category in the Price Schedule. **An item against which no rate is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash or the word “included” or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item. The Tenderer may be requested to clarify nil rates, or items regarded as having nil rates; and the CCT may also perform a risk analysis with regard to the reasonableness of such rates.**

5.6 All Items will be evaluated and awarded as **Categories** on the basis laid out in the Conditions of Tender.

5.7 Do not provide fixed rates and prices for the duration of the contract. Provide rates that are subject to Contract Price Adjustment as provided for in **Clause 17** of the **Special Conditions of Contract**.

5.8 The CCT intends to appoint a Main Contractor and an Alternative Contractor (who has offered equipment from an alternative manufacturer, where possible) for each Category. Refer to Clause 2.1.5.1 of the Conditions of Tender for full details.

5.9 Each Contractor that has been awarded any of the Categories 1 to 8 **must offer and provide training** for the products of that Category at the training facilities of the City of Cape Town on request. The City reserves the right to not award Training for the Category.

5.9 Each Category will be evaluated using possible usage of the items in the category thus all items must be priced in a category. Training and Spares does not form part of the evaluation but will be awarded to the winners per category. The rates offered for the training and spares will be scrutinised for market relatedness.

INITIALS OF CCT OFFICIALS		
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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
Category 1: straight-through joint, cast iron, 3-core 11 kV PILC cable					
1.1	Underground straight-through joint, cast iron, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.	200001932		8	
1.2	Underground straight-through joint, cast iron, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200000275		8	
1.3	Underground straight-through joint, cast iron, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200001715		8	
Training					
1a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session	TBA			
1a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session	TBA			
1a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session	TBA			
Spares					
1b1	Container of roll sheets and impregnated tapes – size 1001	TBA			
1b2	Container of roll sheets and impregnated tapes – size 1002	TBA			
1b3	Container of roll sheets and impregnated tapes – size 1003	TBA			
1b4	Hot melt compound – 1kg container	TBA			
Category 2: straight-through joint, silicone filled, 3-core 11 kV PILC cable					
2.1	Underground straight-through joint, silicone-filled, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.	200021501		8	

INITIALS OF CCT OFFICIALS		
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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
2.2	Underground straight-through joint, silicone-filled, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200021502		8	
2.3	Underground straight-through joint, silicone-filled, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200021503		8	
Training					
2a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session	TBA			
2a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session	TBA			
2a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session	TBA			
Spares					
2b1	Polyurethane-resin for polypropylene outer shell – 1kg container	TBA			
2b2	Fluid silicone for polyester inner joint – 1kg container	TBA			
Category 3: straight-through & transition joints, heat shrink, 3-core 11 kV PILC & XLPE cable					
3.1	Underground straight-through joint, heat shrink, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.	200015042		8	
3.2	Underground straight-through joint, heat shrink, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200001889		8	
3.3	Underground straight-through joint, heat shrink, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200013939		8	

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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
3.4	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified.	200015020		8	
3.5	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified	200015043		8	
3.6	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified	200015035		8	
3.7	Underground straight-through transition joint, heat shrink, complete, with torque-shear ferrules, suitable for transition from 150 mm² screened copper conductor, 3-core 11 kV XLPE to 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200014806		8	
Training					
3a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session	TBA			
3a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session	TBA			
3a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session	TBA			
Spares					
3b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length.	TBA			
3b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length.	TBA			

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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
3b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length.	TBA			
Category 4: Termination, Indoor, heat shrink, 3-core 11 kV PILC & XLPE cable					
4.1	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016383		8	
4.2	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016384		8	
4.3	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit	200014821		8	
4.4	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016386		8	
4.5	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit	200000279		8	
4.6	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016387		8	
4.7	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit	200014822		8	
4.8	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016389		8	

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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
4.9	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit	200014831		8	
4.10	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016390		8	
4.11	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016402		8	
4.12	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit	5970800017 8683		8	
4.13	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200021507		8	
4.14	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit	200021508		8	
4.15	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01850		8	
4.16	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA			
4.17	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01851		8	

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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
4.18	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA			
4.19	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01851		8	
4.20	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA			
Training					
4a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session	TBA			
4a2b	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session	TBA			
4a3c	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session	TBA			
Spares					
4b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 16mm² to 35mm² screened 3-core 11kV PILC cable, 1 tube of correct length for 800 mm tail.	TBA			
4b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA			
4b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 800 mm tail	TBA			
4b4	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA			

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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
Category 5: Termination, Outdoor, heat shrink, 3-core 11 kV PILC & XLPE cable					
5.1	Outdoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016385		8	
5.2	Outdoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit	00E01118		8	
5.3	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016388		8	
5.4	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit	5975800018 4381		8	
5.5	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016401		8	
5.6	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit	200014832		8	
5.7	Outdoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA			
5.8	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01852		8	

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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
5.9	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01853		8	
5.10	Outdoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA			
Training					
5a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session	TBA			
5a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session	TBA			
5a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session	TBA			
Spares					
5b1	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 16mm² to 35mm² screened 3-core 11kV PILC cable, 1 tube of correct length for 1200 mm tail.	TBA			
5b2	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.	TBA			
5b3	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.	TBA			
5b4	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.	TBA			

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Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
Category 6: Termination, Indoor, heat shrink, Fully Screened, , 3-core 11 kV PILC cable					
6.1	Indoor termination, heat shrink, fully screened, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021509		8	
6.2	Indoor termination, heat shrink, fully screened, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021510		8	
6.3	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021511		8	
6.4	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021512		8	
6.5	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021521		8	
6.6	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021522		8	
6.7	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021523		8	
6.8	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021524		8	

INITIALS OF CCT OFFICIALS		
1	2	3

Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
Training					
6a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session	TBA			
6a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session	TBA			
6a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session	TBA			
Spares					
6b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 16mm² to 35mm² screened PILC cable, 1 tube of correct length for 800 mm tail.	TBA			
6b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA			
6b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA			
6b4	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA			
Category 7: Termination, Indoor, heat shrink, Fully Screened, , 3-core 11 kV XLPE cable					
7.1	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA		8	
7.2	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA		8	

INITIALS OF CCT OFFICIALS		
1	2	3

Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
7.3	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA		8	
7.4	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA		8	
7.5	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA		8	
7.6	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA		8	
Training					
7a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session	TBA			
7a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session	TBA			
7a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session	TBA			
Category 8: Bushing Boot, PILC cable (USC & Concertina boots)					
8.1	Bushing Boot, 12kV concertina boot, suitable for use on 35 mm² to 300 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.	200013700		8	
8.2	Bushing Boot, 12kV unscreened separable connector, right angled, suitable for use on 25 mm² to 300 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.	200012361		8	

INITIALS OF CCT OFFICIALS		
1	2	3

Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
8.3	Bushing Boot, 24kV unscreened separable connector, right angled, suitable for use on 25 mm² to 70 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.	200009352		8	
8.4	Bushing Boot, 24kV unscreened separable connector, right angled, suitable for use on 95 mm² to 150 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.	200009351		8	
Training					
8a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session	TBA			
8a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session	TBA			
8a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session	TBA			
Category 9: Lugs and Ferrules					
9.1	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 25 mm² to 70 mm², 3-core, round shaped Al / Cu, screened 11 kV PILC cable, as specified.	200021525		8	
9.2	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 50 mm² to 95 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200021526		8	
9.3	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 95 mm² to 185 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200021527		8	
9.4	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 185 mm² to 300 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200021528		8	
9.5	Ferrule, Mechanical torque-shear ferrule, suitable for use on 25 mm² to 70 mm², 3-core, round shaped Al / Cu, screened 11 kV PILC cable, as specified.	200025711		8	
9.6	Ferrule, Mechanical torque-shear ferrule, suitable for use on 50 mm² to 95 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200025712		8	

INITIALS OF CCT OFFICIALS		
1	2	3

Item No.	Description	SAP Commodity Code	Unit price delivered and Off-loaded (Each) (Excl value-added tax) (R)	Proposed Delivery Period from date of Official Purchase Order (Weeks)	Tendered Delivery Period from date of Official Purchase Order (Weeks)
9.7	Ferrule, Mechanical torque-shear ferrule, suitable for use on 95 mm² to 185 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200025713		8	
9.8	Ferrule, Mechanical torque-shear ferrule, suitable for use on 185 mm² to 300 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200025714		8	

INITIALS OF CCT OFFICIALS		
1	2	3

C.5 SPECIFICATION(S)

SPECIFICATION CEE 26

FOR

ACCESSORIES FOR MEDIUM VOLTAGE POWER CABLES

1 SCOPE OF SPECIFICATION

This specification provides for the manufacture, supply, delivery and off-loading of jointing and termination accessories for use on 11 kV paper insulated and cross-linked polyethylene insulated underground cable.

2 NORMATIVE REFERENCES

2.1 The following documents contain provisions that, whether referenced in the text or not, constitute requirements of this specification. At the time of publication, the editions indicated were valid. All standards and specifications are subject to revision, and parties to agreements based on this specification are encouraged to investigate the possibility of applying the most recent editions of the documents listed below.

2.2 Note that the national equivalent of IEC standards are generally the same but may include specific variations to be taken into account. Information on currently valid national and international standards can be obtained from the South African Bureau of Standards.

SANS 97	-	Electric cables – Impregnated paper-insulated metal-sheathed cables for rated voltages 3,3/3,3 kV up to 19/33 kV (excluding pressure assisted cables)
SANS 876	-	Cable terminations and live conductors within air-filled enclosures (insulation co-ordination) for rated A.C. voltages from 7,2 kV up to and including 36 kV
SANS 1332	-	Accessories for medium-voltage XLPE and impregnated paper-insulated power cables (3,8/6,6 kV to 19/33 kV)
SANS 1339	-	Electric cables - Cross-linked polyethylene (XLPE) insulated cables for rated voltages 3,8/6,6 kV to 19/33 kV
SANS 1411-1	-	Materials of insulated electric cables and flexible cords Part 1: Conductors
SANS 1411-2	-	Materials of insulated electric cables and flexible cords Part 2: Polyvinyl chloride (PVC)
SANS 1411-6	-	Materials of insulated electric cables and flexible cords Part 6: Armour
SANS 9001	-	Quality management systems – Requirements
SANS 10198-10	-	The selection, handling and installation of electric power cables of rating not exceeding 33 kV Part 10: Jointing and termination of paper-insulated cables
SANS 10198-11	-	The selection, handling and installation of electric power cables of rating not exceeding 33 kV Part 11: Jointing and termination of screened polymeric-insulated cables

SANS 61238-1	-	Compression and mechanical connectors for power cables for rated voltages up to 30 kV (Um – 36 kV) Part 1: Test methods and requirements.
SANS 60502-4	-	Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) Part 4: Test requirements on accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)
IEC 60055-1	-	Paper-insulated metal-sheathed cables for rated voltages up to 18/30 kV (with copper or aluminium conductors and excluding gas- pressure and oil-filled cables) – Part 1: Tests on cables and their accessories.
CENELEC HD 629.1	-	Test requirements on accessories for use on power cables of rated voltage from 3,6/6 (7,2) kV up to 20,8/36 (42) kV – Part 1: Cables with XLPE insulation.
CENELEC HD 629.2	-	Test requirements on accessories for use on power cables of rated voltage from 3,6/6 (7,2) kV up to 20,8/36 (42) kV – Part 1: Cables with impregnated paper insulation.
EN 50180	-	Bushings above 1 kV up to 36 kV and from 250 a to 3,15 kA for liquid filled transformers.
EN 50181	-	Plug-in type bushings above 1 kV up to 52 kV and from 250 a to 2,50 kA for equipment other than liquid filled transformers.
NRS 075	-	Mechanical torque-shear connectors for medium voltage applications.

2.3 Reference to a particular standard or recommendation in this specification does not relieve the manufacturer of the necessity of the work complying with other relevant standards or recommendations.

2.4 Tenderers offering equipment to standards other than those mentioned above may be considered provided it is clearly indicated in which respects the equipment offered does not comply and the likely consequences of such non-compliance.

3 DEFINITIONS

The following definitions shall apply to this specification:

3.1 **Employer** shall mean the City of Cape Town, represented by the Director: Electricity Generation and Distribution and/or such other official or officials duly authorised thereto by the Director: Electricity Generation and Distribution.

3.2 **Engineer** shall mean the Director: Electricity Generation and Distribution or his duly appointed representative, or a firm of Consulting Engineers or other body appointed to act on behalf of the Director: Electricity Generation and Distribution.

3.3 **Medium Voltage (MV)** shall mean alternating-current systems having nominal voltages greater than 1 kV and not exceeding 44 kV, unless otherwise specified.

3.4 **Nominal System Voltage (Un)** applicable to this specification shall be 11 kV.

3.5 **Highest System Voltage (Um)** applicable to this specification shall be 12 kV.

3.6 **11 kV Class Equipment:** Unless otherwise stated, references to 11 kV equipment, cables and accessories shall mean equipment suitable for operation on the City's 11.66 kV distribution network having a highest system voltage (Um) of 12 kV.

4 GENERAL

4.1 Particulars of the System

4.1.1 The equipment shall be suitable for installation and operation on a:

- 50 Hz three-phase distribution network;
- Nominal system voltage (Un): 11 kV;
- Actual normal busbar operating voltage: 11.66 kV;
- Highest system voltage (Um): 12 kV;
- Maximum prospective three-phase short-circuit current: 25 kA;
- Neutral earthing: solidly earthed or resistance earthed;
- Earth-fault current: 800 A or 1600 A;
- Maximum earth-fault duration: 2 seconds.

and shall comply with the applicable requirements of the relevant IEC and SANS standards for this voltage class.

4.1.2 Cable Operating maximum Temperature – 70 degrees Celsius

4.2 Service Conditions

4.2.1 All MV cable accessories supplied shall be suitable for continuous operation under standard operating conditions as detailed in SANS 1332.

4.2.2 The MV cable accessories will be exposed to very heavy pollution conditions with salt-laden atmosphere and high winds and the designs, where applicable, shall be such as to ensure maximum protection against corrosion and tracking and erosion.

4.3 Compliance with Regulations

All apparatus and materials supplied shall comply with the current requirements of the Republic of South Africa's Occupational Health and Safety Act, Act 85 of 1993 as amended, and the Regulations issued thereunder and any regulations issued in modification or substitution thereof. In addition, they shall comply with any other requirements having the force of law to which the Employer is subject.

4.4 Quality, Design and Execution

4.4.1 All equipment should comply with this Specification. Any departures from the requirements of this Specification shall be fully detailed by the Tenderer and may be accepted at the Engineer’s discretion. No departure shall be implemented without the prior approval of the Engineer.

4.4.2 The equipment shall comply with the particulars and guarantees detailed in this specification.

4.4.3 The Manufacturer’s (or Assembler) quality assurance system is to be approved in terms of SANS 9001 or an alternative quality assurance system to the approval of the Engineer. A copy of the Manufacturer’s (or Assembler) registration certificate applicable for each item of the specification to be submitted or on request. This may be requested at any time before contract start, to confirm the Quality Assurance Plan. The plan or certificate is to be provided within 7 days from the date of contract or request. Failure to provide the plan or certificate the City of Cape Town will have the right to use the alternative contractor until the plan or certificate is provided. Failure to provide by the set date the City of Cape Town may proceed with breach of contract and termination.

4.4.4 All materials used shall be new materials and of the best quality. The material of which each part is made shall be one of those recognised as suitable for the purpose in conservative modern practice and of a class suitable for working under the conditions specified. The variations of temperature and ambient conditions arising under working conditions shall not cause distortion, deterioration or the setting up of undue stresses in any part of the equipment nor affect the strength and suitability of the various parts for the work which they have to perform. No welding, filling or plugging of defective parts will be permitted without the sanction in writing of the Engineer.

4.4.5 All MV cable accessories are to be of high quality materials that are well established and generally accepted for use for 12 kV cable accessories in the service conditions specified.

4.4.6 All such materials shall be non-combustible.

4.4.7 The design of the equipment shall incorporate every practicable precaution and provision:
4.4.7.1 For the safety of those who will install, operate and maintain the equipment.
4.4.7.2 For the satisfactory operation of the equipment under all conditions liable to be met in service.
4.4.7.3 Features likely to require excessive maintenance shall be avoided.

4.4.8 Tenderers shall offer equipment of the highest possible quality to ensure highly reliable service. Only proven designs will be accepted.

4.4.9 The manufacturer shall have proven and acceptable experience in the manufacture of equipment of the type offered or equivalent equipment, and shall have a service record demonstrating the reliability and quality of the equipment.

4.4.10 Items are grouped into categories on the pricing schedule as detailed below:

Category 1: Straight-through joint, cast iron, 3-core 11 kV PILC cable
Category 2: Straight-through joint, silicone filled, 3-core 11 kV PILC cable
Category 3: Straight-through & transition joints, heat shrink, 3-core 11 kV PILC & XLPE cable
Category 4: Termination, Indoor, heat shrink, 3-core 11 kV PILC & XLPE cable
Category 5: Termination, Outdoor, heat shrink, 3-core 11 kV PILC & XLPE cable
Category 6: Termination, Indoor, heat shrink, Fully Screened, 3-core 11 kV PILC cable
Category 7: Termination, Indoor, heat shrink, Fully Screened, 3-core 11 kV XLPE cable
Category 8: Bushing Boot, PILC cable (USC & Concertina boots)
Category 9: Lugs and Ferrules

5 UNDERGROUND STRAIGHT-THROUGH JOINTS

5.1 General

5.1.1 The underground straight-through joints shall comply fully with the requirements of SANS 1332 and its referenced standards, except where specifically required otherwise in terms of this specification.

5.1.2 **Straight-through joints for PILC** cable shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, paper insulated, **screened**, lead sheathed, hessian bedded, galvanized double steel tape armoured, PVC served general purpose underground cables manufactured to Table 19 of SANS 97 (Wet Design) and compliant with SANS 1411, and for use on an earthed system.

5.1.3 **Straight-through joints for XLPE cable** shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, XLPE insulated, screened, steel wire armoured, PVC served general purpose underground cables manufactured to SANS 1339 Type A and compliant with SANS 1411, and for use on an earthed system.

5.1.4 **Straight-through transition joints** shall be suitable for transition from an 11 kV, 3-core, 150 mm^2 copper conductor, XLPE insulated, screened, steel wire armoured, PVC served general purpose underground cables manufactured to SANS 1339 Type A to an 11 kV, 3-core, 185 mm^2 copper conductor, paper insulated, screened, lead sheathed, hessian bedded, galvanized double steel tape armoured, PVC served general purpose underground cables manufactured to Table 19 of SANS 97 (Wet Design). Transition joints shall be supplied complete with torque-shear ferrules.

5.2 Straight-through Joint Types, Sizes and Requirements

5.2.1 The underground straight-through joints shall be of the following standard types and sizes:

5.2.1.1 Cast iron joint; suitable for 50 mm^2 Al, 35 mm^2 Cu or 25 mm^2 Cu, 3-core, screened 11 kV PILC cable.
5.2.1.2 Cast iron joint; suitable for 120 mm^2 Al or 95 mm^2 Cu, 3-core, screened 11 kV PILC cable.
5.2.1.3 Cast iron joint; suitable for 300 mm^2 Al or 185 mm^2 Cu, 3-core, screened 11 kV PILC cable.

5.2.1.4 Silicone-filled joint; suitable for 50 mm² Al, 35 mm² Cu or 25 mm² Cu, 3-core, screened 11 kV PILC cable.

5.2.1.5 Silicone-filled joint; suitable for 120 mm² Al or 95 mm² Cu, 3-core, screened 11 kV PILC cable.

5.2.1.6 Silicone-filled joint; suitable for 300 mm² Al or 185 mm² Cu, 3-core, screened 11 kV PILC cable.

5.2.1.7 Heat shrink joint; suitable for 50 mm² Al, 35 mm² Cu or 25 mm² Cu, 3-core, screened 11 kV PILC cable.

5.2.1.8 Heat shrink joint; suitable for 120 mm² Al or 95 mm² Cu, 3-core, screened 11 kV PILC cable.

5.2.1.9 Heat shrink joint; suitable for 300 mm² Al or 185 mm² Cu, 3-core, screened 11 kV PILC cable.

5.2.1.10 Heat shrink joint; suitable for 50 mm² Al, 35 mm² Cu or 25 mm² Cu, 3-core, screened 11 kV XLPE cable.

5.2.1.11 Heat shrink joint; suitable for 120 mm² Al or 95 mm² Cu, 3-core, screened 11 kV XLPE cable.

5.2.1.12 Heat shrink joint; suitable for 300 mm² Al or 185 mm² Cu, 3-core, screened 11 kV XLPE cable.

5.2.1.13 Heat shrink transition joint; suitable for transition from 150 mm² Cu, 3-core, screened 11 kV XLPE cable to 185 mm² Cu, 3-core, screened 11 kV PILC cable.

5.2.2 **Cast iron straight-through joints** shall be cast iron encased, lead sleeve sheathed and earthed, hot melt compound filled joints utilising impregnated paper tapes and sheets for core insulation, complete with materials, parts and accessories as type tested and necessary to comply with the specification and standards.

5.2.3 The containers containing the cast iron straight through joint “roll sheets” are to be colour marked for identification as follows. Size 1001 Blue, Size 1002 white and Size 1003 red.

5.2.4 The “roll sheets” containers are to be hermetically sealed, and shall be sturdy, robust and resilient to puncture and other physical damage.

5.2.5 The volume of hot melt compound provided for each size cast iron joint shall be sufficient to fill the complete joint shell, whilst empty.

5.2.6 **Silicone-filled straight-through joints** shall have a polyurethane-resin filled polypropylene outer shell, a fluid silicone filled polyester inner joint, and be supplied complete with materials, earthing, parts and accessories as type tested and necessary to comply with the specification and standards.

5.2.7 **Heat shrink straight-through joints** shall be proven, type tested heat shrink based kits with acceptable environmental sealant, chemical resistance and mechanical strength and supplied complete with materials, earthing, parts and accessories as type tested and necessary to comply with the specification and standards.

5.2.8 Heat shrink tubing shall be of cross-linked polyolefin material. PVC heat shrink tubing shall not be acceptable. Shrinkage of heat shrink tubing in the longitudinal axis shall be less than 10% of the original unshrunk length.

5.2.9 The Tenderer is to complete Schedule F.13 with full details of the accessories offered.

5.2.10 The straight-through joints shall be supplied complete with all necessary materials as detailed in Schedule F.13A, Schedule of Technical Data. Material quantities shall be stated by the Tenderer in Schedule F.13A. Joint kits differing from the requirements detailed in Schedule F.13 shall be to the Engineer’s approval.

5.2.11 All of the underground straight-through joints shall have been successfully type tested, including thermal short circuit test, in accordance with the requirements of SANS 1332.

5.2.12 The type test requirements shall include type testing to verify resistance to water ingress by fulfilling the complete test sequence for PILC cable straight-through joints in accordance with the requirements of Table 3 of IEC 60055-1. Alternative type test standards and sequences shall be to the approval of the Engineer.

5.2.13 Hot melt compound included with the cast iron joints and other joints shall have a minimum melting point of 85 ºC.

5.2.14 The Tenderer shall indicate details of the shelf life for the complete straight-through joint kits and the particular shelf life for any components of the straight-through joints that may specifically limit the shelf life of the complete kit.

5.3 **Jointing Instructions and Jointer Identification**

5.3.1 The Tenderer shall provide with his tender a jointing instruction per cable type and straight-through joint type.

5.3.2 Specific jointing instructions shall be packaged with each straight-through joint kit.

5.3.3 Joint kits shall include a Jointer Identification Marker which shall comprise a non-metallic, non-conducting cable tie or similar strap that can be secured permanently around the cable outer sheath adjacent to the finished joint. The strap shall be fitted with a heat shrink label identifying the accessory manufacturer and model no and shall have space for the jointer name and date of completion of the joint to be filled in. A further transparent heat shrink sleeve shall be provided which shall cover the label completely and both shall be shrunk down over the cable tie / strap by the jointer and shall provide a watertight permanent marking once shrunk onto the strap and the strap secured to the cable outer sheath.

5.4 **Ferrules**

5.4.1 The connecting ferrules used in the cast iron underground straight-through joints for 3-core, screened 11 kV PILC cable will be either weak-back soldered ferrules or crimped ferrules in accordance with SANS 61238-1, and will be supplied by others.

5.4.2 The connecting ferrules used in the heat shrink underground straight-through joints for 3-core, screened 11 kV PILC cable will be either weak-back soldered ferrules, crimped ferrules or torque-shear ferrules in accordance with SANS 61238-1 and NRS 075, and will be supplied by others.

5.4.3 The connecting ferrules used in the silicone-filled underground straight-through joints for 3-core, screened 11 kV PILC cable shall be appropriately rated and sized torque-shear ferrules and shall be provided by the contractor, packaged with the joint kit and included on the bill of materials for the joint.

5.4.4 The connecting ferrules used in the heat shrink underground straight-through joints for 3-core, screened 11 kV XLPE cable and for XLPE cable / PILC cable transition joints shall be appropriately rated and sized torque-shear ferrules and shall be provided by the contractor, packaged with the joint kit and included on the bill of materials for the joint.

5.4.5 Torque-shear ferrules shall comply fully with the requirements of NRS 075.

5.5 **Earthing**

5.5.1 Main earth path continuity through the straight-through joints shall be achieved in the cast iron joints by means of solder ball-wipes between the joint lead sleeve and the cable lead sheath on either side. The lead sleeve shall also be bonded to the cast iron shell. Earth continuity with the cable steel tape armouring shall be achieved on either side of the joint by means of lead bushes and armour bonding clamps on the cast iron shell.

5.5.2 Earth continuity in the straight-through joints other than cast iron shall be achieved using a 70 mm^2 tinned copper braid and shall be in compliance with the requirements of SANS 1332.

5.6 **Spares**

5.6.1 To avoid users having to break up complete kits, spare components are requested to be offered as separated items:

5.6.2 For Cast Iron joints the following spares to be offered and priced per Unit:

5.6.2.1 Container of roll sheets and impregnated tapes – size 1001.

5.6.2.2 Container of roll sheets and impregnated tapes – size 1002.

5.6.2.3 Container of roll sheets and impregnated tapes – size 1003.

5.6.2.4 Hot melt compound – 1kg container

5.6.3 For Silicone filled joints the following spares to be offered and priced per Unit:

5.6.3.1 Polyurethane-resin for polypropylene outer shell – 1kg container.

5.6.3.2 Extra fluid silicone for polyester inner joint – 1kg container.

5.6.4 For heat shrink joints for PILC cable, the following spares to be offered and priced per Unit:

5.6.4.1 Heat shrink clear oil barrier tubing (long) for 16 mm² to 35 mm² cable, one tube of the correct length.

5.6.4.2 Heat shrink clear oil barrier tubing (long) for 50 mm² Al, 35 mm² Cu or 25 mm² Cu each, of the correct length.

5.6.4.3 Heat shrink clear oil barrier tubing (long) for 120 mm² Al, 95 mm² Cu each, of the correct length.

5.6.4.4 Heat shrink clear oil barrier tubing (long) for 300 mm² Al, 185 mm² Cu each, of the correct length.

6 MV INDOOR TERMINATIONS – FOR USE WITH UNSCREENED SEPARABLE CONNECTORS

6.1 General

6.1.1 The MV cable terminations for use with unscreened separable connectors (USCs) shall be heat shrink terminations complying fully with the requirements of SANS 1332 for indoor terminations for use in air-filled enclosures, except where specifically required otherwise in terms of this specification.

6.1.2 The MV cable terminations for use with USCs shall be suitable for use as Type 3 terminations in accordance with SANS 876.

6.1.3 The MV cable terminations for use with USCs shall be of the following standard types and sizes:

6.1.3.1 Heat shrink indoor termination; suitable for 16 mm² to 35 mm², 3-core, screened 11 kV PILC cable.

6.1.3.2 Heat shrink indoor termination; suitable for 50 mm² to 95 mm², 3-core, screened 11 kV PILC cable.

6.1.3.3 Heat shrink indoor termination; suitable for 120 mm² to 185 mm², 3-core, screened 11 kV PILC cable.

6.1.3.4 Heat shrink indoor termination; suitable for 185 mm² to 300 mm², 3-core, screened 11 kV PILC cable.

6.1.3.5 Heat shrink indoor termination; suitable for 50 mm² to 95 mm², 3-core, screened 11 kV XLPE cable.

6.1.3.6 Heat shrink indoor termination; suitable for 120 mm² to 185 mm², 3-core, screened 11 kV XLPE cable.

6.1.3.7 Heat shrink indoor termination; suitable for 185 mm² to 300 mm², 3-core, screened 11 kV XLPE cable.

6.1.4 **The MV cable terminations for PILC cable** shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, paper insulated, screened, lead sheathed, hessian bedded, galvanized double steel tape armoured, PVC served general purpose underground cables manufactured to Table 19 of SANS 97 (Wet Design) and compliant with SANS 1411, and for use on an earthed system.

6.1.5 The **MV cable terminations for XLPE** cable shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, XLPE insulated, screened, steel wire armoured, PVC served general purpose underground cables manufactured to SANS 1339 Type A and compliant with SANS 1411, and for use on an earthed system.

6.1.6 The **MV cable terminations** for use with USCs shall have been successfully type tested, including thermal short circuit test, in accordance with the requirements of SANS 1332.

6.1.7 The MV cable terminations for use with USCs will be terminated on Type C bushings for bolted connections using RICS 3-series or RICS 5-series or equivalent USCs. The heat shrink indoor terminations offered for these items shall be compatible with these USCs.

6.1.8 USCs are detailed as separate items in this specification and are excluded from the required components for the heat shrink indoor termination kits.

6.1.9 The MV cable terminations for use with USCs shall be suitable for cable terminations with tail lengths of 650mm or 800mm, as specified for each item, measured on the stripped and prepared cable from the base of the lug barrel to the top of the lead sheath (or non-metallic sheath and bedding in the case of XLPE cable with non-metallic sheath).

6.1.10 All materials, components and accessories forming part of the termination kit shall be appropriately sized for the tail lengths, core diameters and cable diameters of the specified cable. Heat shrink tubing shall include a positive length tolerance to allow for variation in cable tail length to meet particular site conditions. Tenderers shall detail the size and length per component in the detailed BOM included in Schedule F.13.

6.1.11 Heat shrink tubing shall be of cross-linked polyolefin material. PVC heat shrink tubing shall not be acceptable. Shrinkage of heat shrink tubing in the longitudinal axis shall be less than 10% of the original unshrunk length.

6.1.12 Anti-track tubing shall be adhesive-lined cross-linked polyolefin material and shall be designed and provided with additives to inhibit the development and progression of surface discharge tracking and erosion. Tenderers shall provide detail with their tender of the anti-tracking provisions and properties of the tubing and shall detail the tracking index in Schedule F.13.

6.1.13 The MV cable terminations for use with USCs shall be supplied complete with all necessary tubing, materials, components and accessories as required to make a complete termination on the specified cable type, size and tail length, in accordance with the bill of materials of the type tested cable termination. **Components shall include (but not be limited to) the following:**

6.1.13.1 Heat shrink clear oil barrier tubing (Terminations for PILC cable).
6.1.13.2 Heat shrink conductive tubing for cable screen (Terminations for PILC cable).
6.1.13.3 Void filling stress relieving mastic / tape for screen cut.
6.1.13.4 Heat shrink stress control tubing.
6.1.13.5 Profiled wedge for cable crutch.
6.1.13.6 Void filling and profiling mastic / tape for breakout boot.
6.1.13.7 Heat shrink conductive breakout boot.
6.1.13.8 Void filling mastic / tape for lug barrel base.
6.1.13.9 Heat shrink high voltage anti-track tubing for complete tail length.
6.1.13.10 Further binders and tapes as required.
6.1.13.11 Mechanical earthing kits, where specified for the particular Item.

6.1.14 The Tenderer shall include with his tender a detailed bill of materials for each termination (including the mechanical earthing kits, where specified), listing the part numbers and descriptions, sizes and lengths of all tubing, materials, components and accessories included in the tendered terminations.

6.1.15 The Tenderer to complete **Schedule F.13** with full details of the accessories offered.

6.1.16 The Tenderer **must provide with his tender a jointing instruction per cable termination type**. Jointing instructions shall detail top-down measurements so as to maximise the length of the screened portion of the core tail and enable core crossings on the completed termination.

6.1.17 Specific jointing instructions with top-down measurements shall be packaged with each termination.

6.1.18 Termination kits shall include a Jointer Identification Marker which shall comprise a non-metallic, non-conducting cable tie or similar strap that can be secured permanently around the cable outer sheath adjacent to the finished termination. The strap shall be fitted with a heat shrink label identifying the accessory manufacturer and model no and shall have space for the jointer name and date of completion of the joint to be filled in. A further transparent heat shrink sleeve shall be provided which

shall cover the label completely and both shall be shrunk down over the cable tie / strap by the jointer and shall provide a watertight permanent marking once shrunk onto the strap and the strap secured to the cable outer sheath.

6.1.19 The Tenderer shall indicate details of the shelf life for the complete termination kits and the particular shelf life for any components of the termination kits that specifically limit the shelf life of the complete kit.

6.1.20 Tenderers offering terminations differing from the specified requirements shall disclose full details of and motivation for the deviations from the specification, and acceptance of these will be subject to the Engineer's approval.

6.2 **Lugs**

6.2.1 The lugs used with MV cable terminations for use with USCs will be crimped or sweated lugs with 12 mm or 16 mm palms and will be supplied by others.

6.3 **Earthing**

6.3.1 The MV cable terminations for use with USCs shall include mechanical earthing kits where specified for the particular Item.

6.3.2 **Mechanical earthing kits** shall comply with the requirements of SANS 1332.

6.3.3 The mechanical earthing kits for MV cable terminations shall be supplied complete with all necessary tubing, materials, components and accessories, in accordance with the bill of materials of the type tested cable termination. Components shall include (but not be limited to) the following:

6.3.3.1 Water blocked main earth braid.
6.3.3.2 Tinned copper mesh and constant force roll spring for connection to lead sheath (PILC cable).
6.3.3.3 Constant force roll spring for connection to DSTA armour (PILC cable) or SWA armour (XLPE cable).
6.3.3.4 Adjustable stainless steel bedding bush / ring for SWA armour (XLPE cable).
6.3.3.5 Water blocking sealant tape for cable outer sheath.
6.3.3.6 Tinned water blocked copper braid and constant force springs for earth connection to each tail (XLPE).
6.3.3.7 Insulating heat shrink cover tubing.
6.3.3.8 Further components, binders and tapes as required.

6.4 **Spares**

6.4.1 To avoid users having to break up complete kits, spare components are requested to be offered as separated items:

6.4.2 For indoor heat shrink terminations for PILC cable, the following spares to be offered and priced per Unit:

6.4.2.1 Heat shrink clear oil barrier tubing (long) for 16 mm² to 35 mm² cable, one tube as would be the correct length as used in the kits for the 800 mm tails.
6.4.2.2 Heat shrink clear oil barrier tubing (long) for 50 mm² Al, 35 mm² Cu or 25 mm² Cu, one tube as would be the correct length as used in the kits for the 800 mm tails.
6.4.2.3 Heat shrink clear oil barrier tubing (long) for 120 mm² Al, 95 mm² Cu, one tube as would be the correct length as used in the kits for the 800 mm tails.
6.4.2.4 Heat shrink clear oil barrier tubing (long) for 300 mm² Al, 185 mm² Cu, one tube as would be the correct length as used in the kits for the 800 mm tails.

7 MV INDOOR TERMINATIONS – FULLY SCREENED INTERFACE WITH SCREENED SEPARABLE CONNECTORS FOR PILC CABLE

7.1 General

7.1.1 The MV fully screened cable terminations shall be heat shrink terminations for complying fully with the requirements of SANS 1332 for indoor terminations for use in air-filled enclosures, except where specifically required otherwise in terms of this specification.

7.1.2 The MV fully screened cable terminations shall be suitable for use as Type 4 terminations in accordance with SANS 876, and for use on Type C bushings with bolted connections.

7.1.3 The MV fully screened cable terminations shall be a complete type tested solution that includes termination, right angle screened separable connector (SSC) and mechanical, torque-shear lug and all parts and accessories necessary to provide a complete fully screened interface between cable and horizontal MV Type C cable bushing.

7.1.4 The MV fully screened cable terminations shall be of the following standard types and sizes:

7.1.4.1 Heat shrink indoor termination; suitable for 16 mm² to 35 mm², 3-core, screened 11 kV PILC cable.

7.1.4.2 Heat shrink indoor termination; suitable for 50 mm² to 95 mm², 3-core, screened 11 kV PILC cable.

7.1.4.3 Heat shrink indoor termination; suitable for 120 mm² to 185 mm², 3-core, screened 11 kV PILC cable.

7.1.4.4 Heat shrink indoor termination; suitable for 185 mm² to 300 mm², 3-core, screened 11 kV PILC cable.

7.1.5 The MV fully screened cable terminations shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, paper insulated, screened, lead sheathed, hessian bedded, galvanized double steel tape armoured, PVC served general purpose underground cables manufactured to Table 19 of SANS 97 (Wet Design) and compliant with SANS 1411, and for use on an earthed system.

7.1.6 MV 3-core PILC cable of cross-sectional area 16 mm² to 50 mm² has circular profile conductors.

7.1.7 MV 3-core PILC cable of cross-sectional area 70 mm² to 300 mm² has sector shaped conductors.

7.1.8 The MV fully screened cable terminations shall have been successfully type tested, including thermal short circuit test, in accordance with the requirements of SANS 1332.

7.1.9 The MV fully screened cable terminations shall be suitable for cable terminations with tail lengths of 650mm or 800mm, as specified for each item, measured on the stripped and prepared cable from the base of the lug barrel to the top of the lead sheath.

7.1.10 The **MV fully screened cable terminations** shall be supplied complete with all necessary tubing, materials, components and accessories as required to make a complete fully screened termination and connection on the specified cable type, size and tail length, in accordance with the bill of materials of the type tested cable termination. **Components shall include** (but not be limited to) the following:

7.1.10.1 Heat shrink clear oil barrier tubing.

7.1.10.2 Heat shrink conductive tubing for cable screen.

7.1.10.3 Void filling stress mastic / tape for screen cut.

7.1.10.4 Profiled wedge or mastic for cable crutch.

7.1.10.5 Void filling and profiling mastic / tape for breakout boot.

7.1.10.6 Heat shrink conductive breakout boot.

7.1.10.7 Void filling mastic / tape for lug barrel base.

7.1.10.8 Range taking, torque-shear lugs suitable for the specified cable.

7.1.10.9 Preformed, correctly sized, stress control cable reducer per tail.

7.1.10.10 Right angled screened separable connectors (SSC) for EN 50180 / EN 50181 400/630A Type C bushings with M16 x 2 bolted connections.

7.1.10.11 Further binders, tapes and mastic as required.

7.1.10.12 Mechanical earthing kit.

7.1.11 Heat shrink tubing shall be of cross-linked polyolefin material. PVC heat shrink tubing shall not be acceptable. Shrinkage of heat shrink tubing in the longitudinal axis shall be less than 10% of the original unshrunk length.

7.1.12 The SSC material shall be high quality pre-moulded, screened, non-tracking, elastomeric, silicone or EPDM rubber, designed for slip-on installation. Heat shrink SSCs shall not be acceptable.

7.1.13 The Tenderer shall include with his tender a detailed bill of materials for each termination (including the mechanical earthing kit), listing the part numbers and descriptions, sizes and lengths of all tubing, materials, components and accessories included in the tendered terminations.

7.1.14 The Tenderer shall complete Schedule F.13 with full details of the accessories offered.

7.1.15 The Tenderer shall provide with his tender a jointing instruction for the tendered fully screened cable termination type, detailing full instructions for the complete assembly of the termination including SSC, lugs and earthing.

7.1.16 Specific jointing instructions shall be packaged with each termination.

7.1.17 Termination kits shall include a Jointer Identification Marker which shall comprise a non-metallic, non-conducting cable tie or similar strap that can be secured permanently around the cable outer sheath adjacent to the finished termination. The strap shall be fitted with a heat shrink label identifying the accessory manufacturer and model no and shall have space for the jointer name and date of completion of the joint to be filled in. A further transparent heat shrink sleeve shall be provided which shall cover the label completely and both shall be shrunk down over the cable tie / strap by the jointer and shall provide a watertight permanent marking once shrunk onto the strap and the strap secured to the cable outer sheath.

7.1.18 The Tenderer shall indicate details of the shelf life for the complete termination kits and the particular shelf life for any components of the termination kits that specifically limit the shelf life of the complete kit.

7.1.19 Tenderers offering terminations differing from the specified requirements shall disclose full details of and motivation for the deviations from the specification, and acceptance of these will be subject to the Engineer’s approval.

7.2 **Lugs**

7.2.1 Appropriately rated and sized torque-shear lugs shall be provided by the contractor, packaged with the termination kits and included on the bill of materials for the termination. Installation requirements shall be included in the jointing instruction enclosed with the termination.

7.2.2 Torque-shear lugs shall comply fully with the requirements of NRS 075.

7.3 **Earthing**

7.3.1 The MV cable terminations for use with SSCs shall include mechanical earthing kits.

7.3.2 Mechanical earthing kits shall comply with the requirements of SANS 1332.

7.3.3 The mechanical earthing kits shall be supplied complete with all necessary tubing, materials, components and accessories, in accordance with the bill of materials of the type tested cable termination. Components shall include (but not be limited to) the following:

7.3.3.1 Water blocked main earth braid.
7.3.3.2 Tinned copper mesh and constant force roll spring for connection to lead sheath.
7.3.3.3 Tinned copper mesh and constant force roll spring for connection to DSTA armour.
7.3.3.4 Water blocking sealant tape for cable outer sheath.
7.3.3.5 Insulating heat shrink cover tubing.
7.3.3.6 Further components, binders and tapes as required.

7.4 **Spares**

7.4.1 To avoid users having to break up complete kits, spare components are requested to be offered as separated items:

7.4.2 For indoor heat shrink fully screened terminations for PILC cable, the following spares to be offered and priced per Unit:

7.4.2.1 Heat shrink clear oil barrier tubing (long) for 16 mm² to 35 mm² PILC cable, one tube as would be the correct length as used in the kits for the 800 mm tails.

7.4.2.2 Heat shrink clear oil barrier tubing (long) for 50 mm² Al, 35 mm² Cu or 25 mm² Cu PILC, one tube as would be the correct length as used in the kits for the 800 mm tails.

7.4.2.3 Heat shrink clear oil barrier tubing (long) for 120 mm² Al, 95 mm² Cu PILC, one tube as would be the correct length as used in the kits for the 800 mm tails.

7.4.2.4 Heat shrink clear oil barrier tubing (long) for 300 mm² Al, 185 mm² Cu PILC, one tube as would be the correct length as used in the kits for the 800 mm tails.

8 MV INDOOR TERMINATIONS – FULLY SCREENED INTERFACE WITH SCREENED SEPARABLE CONNECTORS FOR XLPE CABLE

8.1 **General**

8.1.1 The MV fully screened cable terminations shall be heat shrink terminations for complying fully with the requirements of SANS 1332 for indoor terminations for use in air-filled enclosures, except where specifically required otherwise in terms of this specification.

8.1.2 The MV fully screened cable terminations shall be suitable for use as Type 4 terminations in accordance with SANS 876, and for use on Type C bushings with bolted connections.

8.1.3 The MV fully screened cable terminations shall be a complete type tested solution that includes termination, right angle screened separable connector (SSC) and mechanical, torque-shear lug and all parts and accessories necessary to provide a complete fully screened interface between cable and horizontal MV Type C cable bushing.

8.1.4 The MV fully screened cable terminations shall be of the following standard types and sizes:

8.1.4.1 Heat shrink indoor termination; suitable for 50 mm² to 95 mm², 3-core, screened 11 kV XLPE cable.

8.1.4.2 Heat shrink indoor termination; suitable for 120 mm² to 185 mm², 3-core, screened 11 kV XLPE cable.

8.1.4.3 Heat shrink indoor termination; suitable for 185 mm² to 300 mm², 3-core, screened 11 kV XLPE cable.

8.1.5 The **MV cable terminations for XLPE** cable shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, XLPE insulated, screened, steel wire armoured, PVC served general purpose underground cables manufactured to SANS 1339 Type A and compliant with SANS 1411, and for use on an earthed system.

8.1.6 The MV fully screened cable terminations shall have been successfully type tested, including thermal short circuit test, in accordance with the requirements of SANS 1332.

8.1.7 The MV fully screened cable terminations shall be suitable for cable terminations with tail lengths of 650mm or 800mm, as specified for each item, measured on the stripped and prepared cable from the base of the lug barrel to the top of the lead sheath.

8.1.8 The **MV fully screened cable terminations** shall be supplied complete with all necessary tubing, materials, components and accessories as required to make a complete fully screened termination and connection on the specified cable type, size and tail length, in accordance with the bill of materials of the type tested cable termination. **Components shall include** (but not be limited to) the following:

8.1.8.1 Heat shrink conductive tubing for cable screen.

8.1.8.2 Void filling stress mastic / tape for screen cut.
8.1.8.3 Profiled wedge or mastic for cable crutch.
8.1.8.4 Void filling and profiling mastic / tape for breakout boot.
8.1.8.5 Heat shrink conductive breakout boot.
8.1.8.6 Void filling mastic / tape for lug barrel base.
8.1.8.7 Range taking, torque-shear lugs suitable for the specified cable.
8.1.8.8 Preformed, correctly sized, stress control cable reducer per tail.
8.1.8.9 Right angled screened separable connectors (SSC) for EN 50180 / EN 50181 400/630A Type C bushings with M16 x 2 bolted connections.
8.1.8.10 Further binders, tapes and mastic as required.
8.1.8.11 Mechanical earthing kit.

8.1.9 Heat shrink tubing shall be of cross-linked polyolefin material. PVC heat shrink tubing shall not be acceptable. Shrinkage of heat shrink tubing in the longitudinal axis shall be less than 10% of the original unshrunk length.

8.1.10 The SSC material shall be high quality pre-moulded, screened, non-tracking, elastomeric, silicone or EPDM rubber, designed for slip-on installation. Heat shrink SSCs shall not be acceptable.

8.1.11 The Tenderer shall include with his tender a detailed bill of materials for each termination (including the mechanical earthing kit), listing the part numbers and descriptions, sizes and lengths of all tubing, materials, components and accessories included in the tendered terminations.

8.1.12 The Tenderer shall complete Schedule F.13 with full details of the accessories offered.

8.1.13 The Tenderer shall provide with his tender a jointing instruction for the tendered fully screened cable termination type, detailing full instructions for the complete assembly of the termination including SSC, lugs and earthing.

8.1.14 Specific jointing instructions shall be packaged with each termination.

8.1.15 Termination kits shall include a Jointer Identification Marker which shall comprise a non-metallic, non-conducting cable tie or similar strap that can be secured permanently around the cable outer sheath adjacent to the finished termination. The strap shall be fitted with a heat shrink label identifying the accessory manufacturer and model no and shall have space for the jointer name and date of completion of the joint to be filled in. A further transparent heat shrink sleeve shall be provided which shall cover the label completely and both shall be shrunk down over the cable tie / strap by the jointer and shall provide a watertight permanent marking once shrunk onto the strap and the strap secured to the cable outer sheath.

8.1.16 The Tenderer shall indicate details of the shelf life for the complete termination kits and the particular shelf life for any components of the termination kits that specifically limit the shelf life of the complete kit.

8.1.17 Tenderers offering terminations differing from the specified requirements shall disclose full details of and motivation for the deviations from the specification, and acceptance of these will be subject to the Engineer’s approval.

8.2 **Lugs**

8.2.1 Appropriately rated and sized torque-shear lugs shall be provided by the contractor, packaged with the termination kits and included on the bill of materials for the termination. Installation requirements shall be included in the jointing instruction enclosed with the termination.

8.2.2 Torque-shear lugs shall comply fully with the requirements of NRS 075.

8.3 **Earthing**

8.3.1 The MV cable terminations for use with SSCs shall include mechanical earthing kits.

8.3.2 Mechanical earthing kits shall comply with the requirements of SANS 1332.

8.3.3 The mechanical earthing kits shall be supplied complete with all necessary tubing, materials, components and accessories, in accordance with the bill of materials of the type tested cable termination. Components shall include (but not be limited to) the following:

8.3.3.1 Water blocked main earth braid.
8.3.3.2 Tinned copper mesh and constant force roll spring for connection to lead sheath.
8.3.3.3 Tinned copper mesh and constant force roll spring for connection to DSTA armour.
8.3.3.4 Water blocking sealant tape for cable outer sheath.
8.3.3.5 Insulating heat shrink cover tubing.
8.3.3.6 Further components, binders and tapes as required.

9 MV OUTDOOR TERMINATIONS

9.1 General

9.1.1 The MV cable outdoor terminations shall be heat shrink terminations complying fully with the requirements of SANS 1332 for outdoor terminations, except where specifically required otherwise in terms of this specification.

9.1.2 The MV cable outdoor terminations shall be of the following standard types and sizes:

9.1.2.1 Heat shrink outdoor termination; suitable for 16 mm² to 35 mm², 3-core, screened 11 kV PILC cable.
9.1.2.2 Heat shrink outdoor termination; suitable for 50 mm² to 95 mm², 3-core, screened 11 kV PILC cable.
9.1.2.3 Heat shrink outdoor termination; suitable for 120 mm² to 185 mm², 3-core, screened 11 kV PILC cable.
9.1.2.4 Heat shrink outdoor termination; suitable for 185 mm² to 300 mm², 3-core, screened 11 kV PILC cable.
9.1.2.5 Heat shrink outdoor termination; suitable for 50 mm² to 95 mm², 3-core, screened 11 kV XLPE cable.
9.1.2.6 Heat shrink outdoor termination; suitable for 120 mm² to 185 mm², 3-core, screened 11 kV XLPE cable.
9.1.2.7 Heat shrink outdoor termination; suitable for 185 mm² to 300 mm², 3-core, screened 11 kV XLPE cable.

9.1.3 The MV cable outdoor terminations for PILC cable shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, paper insulated, screened, lead sheathed, hessian bedded, galvanized double steel tape armoured, PVC served general purpose underground cables manufactured to Table 19 of SANS 97 (Wet Design) and compliant with SANS 1411, and for use on an earthed system.

9.1.4 The MV cable outdoor terminations for XLPE cable shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, XLPE, screened, steel wire armoured, PVC served general purpose underground cables manufactured to SANS 1339 Type A and compliant with SANS 1411, and for use on an earthed system.

9.1.5 The MV cable outdoor terminations shall have been successfully type tested, including thermal short circuit test, in accordance with the requirements of SANS 1332.

9.1.6 The MV cable outdoor terminations will be terminated on MV overhead lines and line hardware.

9.1.7 The MV cable outdoor terminations shall be suitable for cable terminations with tail lengths of 1200mm, measured on the stripped and prepared cable from the base of the lug or connector barrel to the top of the lead sheath (or non-metallic sheath and bedding in the case of XLPE cable with non-metallic sheath).

9.1.8 All materials, components and accessories forming part of the termination kit shall be appropriately sized for the tail lengths, core diameters and cable diameters of the specified cable. Heat shrink tubing shall include a positive length tolerance to allow for variation in cable tail length to meet particular site

conditions. Tenderers shall detail the size and length per component in the detailed BOM included in Schedule F.13.

9.1.9 Heat shrink tubing shall be of cross-linked polyolefin material. PVC heat shrink tubing shall not be acceptable. Shrinkage of heat shrink tubing in the longitudinal axis shall be less than 10% of the original unshrunk length.

9.1.10 Anti-track tubing shall be adhesive-lined cross-linked polyolefin material and shall be designed and provided with additives to inhibit the development and progression of surface discharge tracking and erosion. Tenderers shall provide detail with their tender of the anti-tracking properties of the tubing and shall detail the tracking index in Schedule F.13.

9.1.11 The MV cable outdoor terminations shall be supplied complete with all necessary tubing, materials, components and accessories as required to make a complete termination on the specified cable type, size and tail length, in accordance with the bill of materials of the type tested cable termination. Components shall include (but not be limited to) the following:

9.1.11.1 Heat shrink clear oil barrier tubing (Terminations for PILC cable).
9.1.11.2 Heat shrink conductive tubing for cable screen (Terminations for PILC cable).
9.1.11.3 Void filling stress relieving mastic / tape for screen cut.
9.1.11.4 Heat shrink stress control tubing.
9.1.11.5 Profiled wedge for cable crutch.
9.1.11.6 Void filling and profiling mastic / tape for breakout boot.
9.1.11.7 Heat shrink conductive breakout boot.
9.1.11.8 Void filling mastic / tape for lug barrel base.
9.1.11.9 Heat shrink high voltage anti-track tubing for complete tail length.
9.1.11.10 Heat shrink anti-track rain sheds.
9.1.11.11 Further binders and tapes as required.
9.1.11.12 Mechanical earthing kits, where specified for the particular Item.

9.1.12 The Tenderer shall include with his tender a detailed bill of materials for each termination (including the mechanical earthing kits, where specified), listing the part numbers and descriptions, sizes and lengths of all tubing, materials, components and accessories included in the tendered terminations.

9.1.13 The Tenderer shall complete Schedule F.13 with full details of the accessories offered.

9.1.14 The Tenderer shall provide with his tender a jointing instruction per cable termination type. Jointing instructions shall detail top-down measurements so as to maximise the length of the screened portion of the core tail and enable core crossings on the completed termination.

9.1.15 Jointing instructions with top-down measurements shall in addition be packaged with each termination.

9.1.16 Termination kits shall include a Jointer Identification Marker which shall comprise a non-metallic, non-conducting cable tie or similar strap that can be secured permanently around the cable outer sheath adjacent to the finished termination. The strap shall be fitted with a heat shrink label identifying the accessory manufacturer and model no and shall have space for the jointer name and date of completion of the joint to be filled in. A further transparent heat shrink sleeve shall be provided which shall cover the label completely and both shall be shrunk down over the cable tie / strap by the jointer and shall provide a watertight permanent marking once shrunk onto the strap and the strap secured to the cable outer sheath.

9.1.17 The Tenderer shall indicate details of the shelf life for the complete termination kits and the particular shelf life for any components of the termination kits that specifically limit the shelf life of the complete kit.

9.1.18 Tenderers offering terminations differing from the specified requirements shall disclose full details of and motivation for the deviations from the specification, and acceptance of these will be subject to the Engineer’s approval.

9.2 **Lugs and Connectors**

9.2.1 The lugs or connectors used with MV cable outdoor terminations will be supplied by others.

9.3 **Earthing**

9.3.1 The MV cable outdoor terminations shall include mechanical earthing kits where specified for the particular Item.

9.3.2 Mechanical earthing kits shall comply with the requirements of SANS 1332.

9.3.3 The mechanical earthing kits for MV cable terminations shall be supplied complete with all necessary tubing, materials, components and accessories, in accordance with the bill of materials of the type tested cable termination. Components shall include (but not be limited to) the following:

9.3.3.1 Water blocked main earth braid.
9.3.3.2 Tinned copper mesh and constant force roll spring for connection to lead sheath (PILC cable).
9.3.3.3 Constant force roll spring for connection to DSTA armour (PILC cable) or SWA armour (XLPE cable).
9.3.3.4 Adjustable stainless steel bedding bush / ring for SWA armour (XLPE cable).
9.3.3.5 Water blocking sealant tape for cable outer sheath.
9.3.3.6 Tinned water blocked copper braid and constant force springs for earth connection to each tail (XLPE).
9.3.3.7 Insulating heat shrink cover tubing.
9.3.3.8 Further components, binders and tapes as required.

9.4 **Spares**

9.4.1 To avoid users having to break up complete kits, spare components are requested to be offered as separated items:

9.4.2 For outdoor heat shrink terminations for PILC cable, the following spares to be offered and priced per Unit:

9.4.2.1 Heat shrink clear oil barrier tubing (1200 mm) for 16 mm² to 35 mm², 3-core, screened 11 kV PILC, one tube as would be the correct length as used in the kits for the 1200 mm tails.
9.4.2.2 Heat shrink clear oil barrier tubing (1200 mm) for 50 mm² Al, 35 mm² Cu or 25 mm² Cu, one tube as would be the correct length as used in the kits for the 1200 mm tails.
9.4.2.3 Heat shrink clear oil barrier tubing (1200 mm) for 120 mm² Al, 95 mm² Cu, one tube as would be the correct length as used in the kits for the 1200 mm tails.
9.4.2.4 Heat shrink clear oil barrier tubing (1200 mm) for 300 mm² Al, 185 mm² Cu. one tube as would be the correct length as used in the kits for the 1200 mm tails

10 MV BUSHING BOOTS AND UNSCREENED SEPARABLE CONNECTORS

10.1 **General**

10.1.1 The MV bushing boots and unscreened separable connectors (USCs) shall be range-taking, pre-moulded USCs complying fully with the requirements of SANS 1332 for USCs and suitable for connection to outside-cone EN 50180 / EN 50181 400/630A Type C bushings with M16 x 2 bolted connections.

10.1.2 The USCs shall be suitable for use for Type 3 terminations in accordance with SANS 876.

10.1.3 The USCs shall be of the following standard types and sizes:

10.1.3.1 Concertina Boot; suitable for 35 mm² to 300 mm², 3-core, sector shaped, screened 11 kV PILC cable with right angled connection (Tyco RCAB or equivalent to approval).
10.1.3.2 12 kV Unscreened separable connector, right angled; suitable for 25 mm² to 300 mm², 3-core, sector shaped, screened 11 kV PILC cable (Tyco RICS 3-series or equivalent to approval).

10.1.3.3 24 kV Unscreened separable connector, right angled; suitable for 25 mm² to 70 mm², 3-core, sector shaped, screened 11 kV PILC cable (Tyco RICS 5113 or equivalent to approval).

10.1.3.4 24 kV Unscreened separable connector, right angled; suitable for 95 mm² to 150 mm², 3-core, sector shaped, screened 11 kV PILC cable (Tyco RICS 5123 or equivalent to approval).

10.1.4 The USCs shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, paper insulated, screened, lead sheathed, hessian bedded, galvanized double steel tape armoured, PVC served general purpose underground cables manufactured to Table 19 of SANS 97 (Wet Design) that have been terminated with heat shrink terminations complying with this specification.

10.1.5 The USCs shall have been successfully type tested in accordance with the requirements of SANS 1332.

10.1.6 The USC material shall be high quality pre-moulded, unscreened, non-tracking, elastomeric, silicone or EPDM rubber, designed for slip-on installation. Heat shrink bushing boots shall not be acceptable.

10.1.7 The USCs shall be suitable for use in air filled cable termination enclosures with horizontal Type-C bushings and complying with the requirements and phase-to-phase and phase-to-earth clearances specified in SANS 876.

10.1.8 Range taking USCs that require the use of shim tubing for cable cores of smaller cross-sectional area shall be supplied complete with the required shim tubing and clear instructions identifying the shim tubing requirements per cable size.

10.1.9 The USCs shall be packaged in sets of three, complete with assembly lubricant and installation instructions.

10.1.10 The USCs other than the concertina boots shall in addition be supplied complete with caps, heat shrink shim tubing, reducing stems, nuts, washers and spring washers.

10.1.11 The Tenderer shall complete Schedule F.13 with full details of the accessories offered.

10.2 **Reducing Stems**

10.2.1 MV cable is currently terminated using crimped or sweated lugs with 12 mm palms. USC kits other than concertina boots shall be supplied with 3 x M16 / M12 stainless steel reducing stems suitable for outside-cone EN 50180 / EN 50181 400/630A Type C bushings for M16 x 2 bolted connections.

10.2.2 Reducing stems shall be dimensioned such that the collar of the M16 threaded portion does not protrude beyond the bushing contact face when the reducing stem is installed and torqued in accordance with manufacturer’s instructions, and thus does not impede proper electrical contact between the lug and the bushing contact face.

10.3 **Lugs**

10.3.1 The lugs used with MV cable terminations for use with USCs will be crimped or sweated lugs with 12 mm or 16 mm palms and will be supplied by others.

10.3.2 Torque-shear lugs supplied in accordance with this contract will be used only with specific USCs where compatibility has been specifically assessed and approved by the USC manufacturer.

10.3.3 The Tenderer shall provide clear documentation with the tender and clear instructions with the packaged USC kits indicating any restrictions on the size and type of lugs that are compatible and usable with the tendered USCs. Where USCs cannot be used with mechanical, torque-shear lugs for dimensional or other reasons this shall be clearly indicated in the tender documentation and also in the installation instruction documentation supplied with the USC.

11 TORQUE-SHEAR LUGS

11.1 General

11.1.1 The torque-shear lugs shall be range-taking mechanical torque-shear lugs complying with the requirements of NRS 075 and shall be Class A in accordance with SANS 61238-1.

11.1.2 The torque-shear lugs shall have been successfully type tested, including short circuit type testing, in accordance with the requirements of SANS 61238-1.

11.1.3 The torque-shear lugs shall be of the following standard ranges:

11.1.3.1 25 mm² - 70 mm², for round, stranded (compacted) conductors.
11.1.3.2 50 mm² - 95 mm², for 3-core, sector shaped, stranded (compacted) conductors.
11.1.3.3 95 mm² - 185 mm², for 3-core, sector shaped, stranded (compacted) conductors.
11.1.3.4 185 mm² - 300 mm², for 3-core, sector shaped, stranded (compacted) conductors.

11.1.4 The torque-shear lugs shall have M16 drilled palms.

11.1.5 The dimensions and inner barrel diameters of the torque-shear lugs shall be in accordance with NRS 075.

11.1.6 The torque-shear lugs shall be suitable for use with copper conductor or aluminium conductor cable without galvanic reaction.

11.1.7 The mechanical connection to the cable conductor shall be made using torque shear bolts designed to shear at the torque specified in NRS 075. No specialised tooling shall be required in order to shear off the bolts.

11.1.8 The torque-shear lugs shall have a minimum of two (2) shear bolts per connection.

11.1.9 Sheared bolts on the torque-shear lugs shall be substantially proud with the barrel of the lug, within the constraints of NRS 075, and shall be free of sharp edges that could cause damage to separable connectors to be used in conjunction with the lugs. Installation instructions shall clear indicate any measures or precautions to be taken to remove any burrs or post-torquing unevenness.

11.1.10 The torque-shear lugs shall not have inspection holes.

11.1.11 The torque-shear lugs shall be grooved on the inner surface of the barrel and shall be supplied complete with anti-oxide paste for corrosion protection.

11.1.12 The torque-shear lugs shall be packaged individually, sealed in transparent packaging and complete with paste, accessories and installation instructions. Any specific customised tools required in order to install the lugs offered, such as proprietary spanners for bolt shearing, shall be supplied with the torque-shear lugs.

11.1.13 The tenderer shall detail with his tender other specialised tools necessary for proper installation, including recommended tools for firm support of the lug barrel during bolt shearing, and shall tender prices for these as Specialised Tools and Equipment. Such specialised tools will be awarded to successful tenderers for the mechanical torque-shear lugs, if required.

11.1.14 The Tenderer shall complete Schedule F.13 with full details of the accessories offered.

12 TORQUE-SHEAR FERRULES

12.1 General

12.1.1 The torque-shear ferrules shall be range-taking mechanical torque-shear ferrules complying with the requirements of NRS 075 and shall be Class A in accordance with SANS 61238-1.

12.1.2 The torque-shear ferrules shall have been successfully type tested, including short circuit type testing, in accordance with the requirements of SANS 61238-1.

12.1.3 The torque-shear ferrules shall be of the following standard ranges:

12.1.3.1 25 mm² - 70 mm², for round, stranded (compacted) conductors.
12.1.3.2 50 mm² - 95 mm², for 3-core, sector shaped, stranded (compacted) conductors.
12.1.3.3 95 mm² - 185 mm², for 3-core, sector shaped, stranded (compacted) conductors.
12.1.3.4 185 mm² - 300 mm², for 3-core, sector shaped, stranded (compacted) conductors.

12.1.4 The dimensions and inner barrel diameters of the torque-shear ferrules shall be in accordance with NRS 075.

12.1.5 The torque-shear ferrules shall be suitable for use with copper conductor and / or aluminium conductor cable without galvanic reaction.

12.1.6 The mechanical connection to the cable conductor shall be made using torque shear bolts designed to shear at the torque specified in NRS 075. No specialised tooling shall be required in order to shear off the bolts.

12.1.7 The torque-shear ferrules shall have a minimum of two (2) shear bolts per connection (i.e.. per side).

12.1.8 Sheared bolts on the torque-shear ferrules shall be substantially proud with the barrel of the lug, within the constraints of NRS 075, and shall be free of sharp edges that could cause damage to cable accessories to be used in conjunction with the ferrules. Installation instructions shall clear indicate any measures or precautions to be taken to remove any burrs or post-torquing unevenness.

12.1.9 The torque-shear ferrules shall be grooved on the inner surface of the barrel and shall be supplied complete with anti-oxide paste for corrosion protection.

12.1.10 The torque-shear ferrules shall be solid centred, with the barrier being of minimum thickness 1mm.

12.1.11 The torque-shear ferrules shall be packaged individually, sealed in transparent packaging and complete with paste, accessories and installation instructions. Any specific customised tools required in order to install the ferrules offered, such as proprietary spanners for bolt shearing, shall be supplied with the torque-shear ferrules.

12.1.12 The tenderer shall detail with his tender other specialised tools necessary for proper installation, including recommended tools for firm support of the ferrules barrel during bolt shearing, and shall tender prices for these as Specialised Tools and Equipment. Such specialised tools will be awarded to successful tenderers for the mechanical torque-shear ferrules, if required.

12.1.13 The Tenderer shall complete Schedule F.13 with full details of the accessories offered.

13 MV ACCESSORY KITS, MARKING, PACKAGING AND DOCUMENTATION

13.1 MV Cable Accessory marking, packaging and documentation shall comply with SANS 1332.

13.2 All MV cable joint and termination kits shall be complete, original kits assembled and packed by the original equipment manufacturer (OEM) and shall be identical to the Type Tested product. All sleeving, boots and other components and parts shall be of identical material, make, model and part number to that forming part of the type tested product. Kits made up with loose parts separately sourced and packed by tenderers or suppliers other than the OEM shall not be acceptable.

13.3 All insulating material for the cast iron joints and where applicable the polymeric cased joints, with the exception of the solid filling compound, shall be supplied in hermetically sealed metal containers each holding sufficient material for one complete joint. The solid filling compound shall preferably be supplied in 5 kg blocks in thick plastic wrapping. All other items for the cast iron joints shall be supplied complete as a single packaged and boxed kit.

13.4 The heat shrink joints shall be supplied boxed in kit form with each kit holding sufficient material for one complete joint. This shall include the earthing kit and, where specified, the torque-shear ferrules. All insulating material shall be supplied in hermetically sealed packaging.

13.5 The heat shrink kits has to be packed in such a way that there is no possibility of damage to the components and tubing in the kits due to the packing method or storage or transport of the boxed kits.

13.6 The MV cable terminations shall be supplied boxed in kit form with each kit holding sufficient material for one complete termination. Where specified, this shall include the earthing kit and / or the torque-shear ferrules. All insulating material shall be supplied in hermetically sealed packaging.

13.7 Each item of sleeving, tubing, boot or other component forming part of each MV accessory kit shall be indelibly marked with the OEM's identification mark and reference, part or catalogue number in accordance with the requirements of SANS 1332.

13.7.1 A detailed bill of materials (BOM) in accordance with SANS 1332 shall be supplied with each MV accessory kit. The BOM shall be issued by the OEM and shall unambiguously identify the OEM part numbers, quantities, specific dimensions, and volumes or masses of the materials and components packaged within the MV accessory kit and necessary to complete the accessory type.

13.7.2 The bill of materials shall also include within its product description full details of the cable type and the range of cable sizes that the MV accessory is suitable for.

13.7.3 The BOM shall in addition identify the tender number, tender Item no and the Employer's SAP Material Number applicable to that kit.

13.8 Each MV cable accessory package / container shall be clearly and indelibly marked identifying its contents, and such markings shall be clearly and unambiguously cross referenced to the BOM detailed above and also on the BOM.

13.9 Each MV cable accessory package / container shall be clearly and indelibly marked with the month and year of manufacture and shall clearly and unambiguously identify the shelf life expiry date, if applicable.

13.10 Detailed, fully illustrated Installation Instructions in accordance with the requirements of NRS 1332 shall be included with each MV accessory type.

13.11 Care must be taken not to "fold" heat shrink tubes when packaged.

14 SAMPLES

14.1 Samples of specific MV cable accessories shall be supplied to the Engineer for approval as and where deemed necessary by the Engineer.

14.2 If required, such samples will be requested during the tender clarification process and will be required to be supplied within the timeframes detailed in the tender clarification request, typically 7 days or shorter. Failure to comply within the specified time period will render the Tenderer liable to be deemed non-responsive for that Item.

14.3 Samples must be complete as specified and offered, and shall be suitable for immediate assembly by officials of the City in order to assess the suitability of the product offered.

14.4 Samples shall be subjected to thorough inspection for quality and compliance with the standards prior to assembly.

14.5 Samples that do not meet the required standards of quality, consistency and compliance with the specification and standards will render the Tenderer liable to be deemed non-responsive for that Item.

15 TRAINING

15.1 Each Contractor that has been awarded any of the Categories 1 to 8 shall be responsible for offering and providing training for the products of that Category at the training facilities of the City of Cape Town on request. The City reserves the right to not award.

15.2 The following types of training are required:

15.2.1 Awareness Training

15.2.2 Supervisor Training

15.2.3 Hands-on Certified Capability Training

15.3 Awareness Training

15.3.1 It is expected that a 2-hour session be held in the Auditorium of the Electricity Head Office in Bloemhof. It will be for the full capacity of the auditorium (100 attendees) for about 1.5 hours with a half an hour of questions. The training will be for all the items you were awarded per Category, and the audience would be designers, planners and technical staff. The aim of the training session will be to make attendees aware of the use, scenarios and benefits of the products. It can be based on technical “sales-type” materials. It is recommended that participant can get a brochure of the particular specified products with the electrical application parameters to take away.

15.3.2 No testing or certification is required.

15.3.3 The location has a good projector, and audio-visual presentations will be the main focus.

15.3.4 No hands-on, details need to be addressed.

15.4 Supervisor Training

15.4.1 It is expected that a 4-hour session be held in the Auditorium of the Electricity Head Office in Bloemhof. It could be for up to 40 persons. The target audience will be technical personnel, DSD and TSD Project Managers, MV Supervisors and depot staff that are Works Project Managers.

15.4.2 The training should be for all the items you were awarded for the Category, and the audience need to be trained in efficient supervision of the installation of the products. Ensure that the trainees are shown the “ins and outs” of supervising the installation of the products, critical measurements, etc.. The trainees will not be working in cable trenches, and the training should be focus on the supervisory task, in terms of looking over the shoulder of the jointer, etc., like: “look out for nicks of the cable insulation”, how to “read the jointing instructions”, making sure of joints being level, and the filling of the joints. Give pointers on the correct application of oil barrier tubes, shielding, unacceptable cable crossings and the crutch.

15.4.3 Extensive and a multitude of photos and videos is suggested. Photos of faulted equipment with the root cause due to jointer errors should be used.

15.4.4 A short knowledge test, to test for each of the products. What you would want these supervisors to look out for in the field and if they have understood the work. A certification to supervise the list of products must be issued to all who pass the test, and a spreadsheet of all participants with their results should be provided within three weeks to this office and the City of Cape Town’s training centre.

15.4.5 A pocket guide for the supervision of the products with list of checks must be made available for all participants. Links to videos of supervision, critique as well as the actual application of the products will be appreciated.

15.4.6 No hands-on or details need to be addressed.

15.5 Hands-on Certified Capability Training

15.5.1 Full day hands-on training per Category for 4 teams of 2, preparing and completing at least one of the smallest, and one of the largest size range products per Category per team.

15.5.2 It will be held in the cable training facility of the Electricity Training facility in Brackenfell.

15.5.3 The Contractor/Trainer will supply all joints, terminations and materials. The City will supply cable cut-offs as requested.

15.5.4 The target audience would be electrical technical personnel that do jointing or want to do jointing and want to expand their skills to include the products of the Category.

15.5.5 A set of the jointing instructions for all the products covered by this training must be supplied to each participant. Links to videos of supervision, critique as well as the actual application of the products will be appreciated.

15.5.6 The trainer needs to evaluate each of these participants and ensure that there is enough confidence in the skills of the learner to be certified for the installation of the product.

15.5.7 A certification to install this particular Category of products, including the list of products must be issued to all who pass, and a spreadsheet of all participants with their results should be provided within three weeks to this office and the City of Cape Town’s training centre.

16 PACKING, TRANSPORT AND DELIVERY

16.1 The Contractor shall be responsible for the packing, loading and transport of the MV cable accessories from the place of manufacture / warehousing, whether this is at his own works or those of any supplier, and the off-loading of the MV cable accessories at the Employer's Electricity Stores and shall provide all labour, plant and material necessary for the offloading.

16.2 The method of packing shall provide adequate protection for transportation of the MV cable accessories. The method of packing and precautions to be taken during transport shall be clearly detailed by the Contractor.

16.3 Any loose parts shall be boxed in substantial crates or containers to facilitate handling in a safe and secure manner. Each crate or container shall be marked clearly on the outside of the case to show where the mass is bearing and the correct position for the slings. Each crate or container shall also be marked with the notation of the part or parts contained therein, contract number and port of destination, and shall become the property of the Employer after delivery.

16.4 Any damage due to defective or insufficient packing or that occurs during loading, transport or off-loading of the MV cable accessories shall be made good by the Contractor at his own expense and within reasonable time when called upon by the Employer to do so.

16.5 The Contractor shall inform himself fully as to all relevant transport facilities and requirements and loading gauges and ensure that the equipment as packed for transport complies with the South African highway regulations and/or conforms to the limitations of the transport facilities of Transnet Ltd. The Contractor shall also be responsible for verifying the adequacy of any cranes required for off-loading at the port of entry, at the Employer's Electricity Stores and at Site.

16.6 The Contractor shall take reasonable steps to prevent damage to any highways or bridges by his traffic and shall select routes, choose and use vehicles and restrict and distribute loads so that the risk of damage shall be limited as far as is reasonably possible. The Contractor shall immediately report to the Engineer any claims made against him arising out of alleged damage to a highway or bridge.

16.7 Access to the Stores is by road only.

17 TENDER PARTICULARS

17.1 **Tenderers to submit with their tenders full particulars of the equipment offered and complete all returnable schedules attached hereto**.

17.2 All returnable schedules forming a part of this specification to be completed by Tenderers. Tenderers must detail actual particulars, parameters or dimensions specific to the equipment offered and shall not simply refer to this specification or other standards or specifications.

17.3 Failure to submit sufficient technical data, diagrams, detailed and dimensioned drawings and relevant particulars with the tender to enable the characteristics and merits of the equipment offered to be ascertained or failure to complete the returnable schedules will render the Tenderer liable for disqualification.

17.4 Technical data to be submitted with the tender must include fully illustrated and dimensioned manufacturer's installation instructions and full bills of materials for the MV cable accessories kits offered for each specified item.

17.5 The original equipment manufacturers (OEMs) and the places of manufacture and testing of the MV cable accessories to be stated in the returnable schedules. Any changes to the places of manufacture, testing and inspection shall only be made with the written agreement of the Engineer and the Contractor shall ensure that the manufacturers and places of manufacture are acceptable to the Engineer.

17.6 Tenderers who are not the OEMs of the equipment offered, i.e. the tenderer receives a quotation from an OEM or a supplier/distributer, shall provide a Letter of Authorisation from the OEM verifying that

they are an authorised reseller or distributor of that equipment and providing confirmation by the OEM of full compliance with the Specification. The letter from the OEM must state that the tenderer is an authorized reseller or distributor for the duration of the contract and confirming the extension of the guarantees and warrantees to the City of Cape Town. Tenderers who received a quotation from a supplier/distributer who is not the manufacturer of the equipment offered, must also provide the required Letter of Authorisation from the relevant manufacturer to that supplier/distributer to the tenderer, demonstrating the full supply chain of the equipment offered. If not supplied with the tender this may be requested at any time prior to contract award, to confirm the supply chain. The letter/s is to be provided within 7 days from the date of request. Failure to provide by the set date the City of Cape Town will analyse the risk in accordance with clause 2.3.10.5. No tenderer will be recommended for an award unless the tenderer has demonstrated to the satisfaction of the CCT the full supply chain of the equipment offered.

17.7 Tenderers may tender for only a single manufacturer and model number per Tender Category, either the Tenderer or a separate OEM as envisaged above. The Tenderer is required to commit to the single manufacturer and model number per Category for the full duration of the contract and is to provide the detailed particulars, type test details and drawings as listed above that are specific to each manufacturer and model number tendered.

17.8 Tenderers to provide their Company Organogram, and in addition a Company Organogram for the Manufacturer if the Tenderer is not the Original Equipment Manufacturer (OEM). Organograms to detail the structure of the Tenderer's and Manufacturer's companies and the relationships between the different people, departments, and jobs at different levels within each of the company. If not supplied with the tender this may be requested at any time before contract start. The document/s is to be provided within 7 days from the date of request. Failure to provide the organogram/s the City of Cape Town will have the right to use the alternative contractor until that document/s is provided. Failure to provide by the set date the City of Cape Town may proceed with breach of contract and termination.

17.9 All Items must comply with this Specification. Any departures from the requirements of this Specification or non-compliance must be stated clause-by-clause by the Tenderer in the returnable schedules and may be accepted at the Engineer's discretion. Departures from the requirements of this Specification with details of alternative proposals will be evaluated in accordance with the Specification and clause 2.3.7.2 of the Conditions of Tender. If departures are material, the bidder will not be allowed to withdraw, and their tender will be rejected. Undisclosed non-compliance with requirements of the Specification by the successful Tenderer shall result in the Tenderer being bound to the requirements of the Specification.

17.10 No departure from the requirements of this Specification shall be implemented without the prior approval of the Engineer.

17.11 The Contractor shall be responsible for any discrepancies, errors or omissions in the particulars and guarantees, whether or not such particulars and guarantees have been approved by the Engineer.

17.12 All details given in this Specification and the drawings forming part of it have been carefully compiled but the onus is on the Tenderer to satisfy himself as to the accuracy thereof.

18 INSPECTION AND TESTS

18.1 Type Tests and Special Tests

18.1.1 The MV cable accessories for paper insulated underground cable must have been successfully type tested in accordance with the requirements of SANS 1332 and IEC 60055-1. Cast iron straight through joint kits for PILC screened cable for which the type tests were historically conducted but for which certification are no longer available may be exempted from provision of such certificates.

18.1.2 The MV cable accessories for XLPE insulated underground cable must have been successfully type tested in accordance with SANS 1332 and SANS 60502-4.

18.1.3 The 11kV paper insulated underground cable standard of the Employer is for screened cable, not belted, and in accordance with SANS 60055-1 (and Cenelec HD629.2) all type tests must be specifically applicable to screened cable. Type tests conducted on belted cable will not be acceptable. Tenderers are reminded that the specified requirement is for MV cable accessories for screened MV

Cable, not belted, and that all type tests must have been conducted on screened cable. In accordance with the specified standards type tests conducted on belted MV cable are not applicable and will not be accepted.

18.1.4 Torque-shear lugs and ferrules must have been successfully type tested in accordance with the requirements of NRS 075 and SANS 61238-1.

18.1.5 Outdoor cable terminations shall in addition have been successfully subject to Environmental Aging Tests and passed the 1000 h salt fog test shall be in accordance with IEC 60055-1 and SANS 60502-4. Cable terminations that have passed the 12-month natural aging test at the National (Koeberg) Insulation Pollution Test Site (KIPTS) as specified in SANS 1332 is also accepted as an alternative test.

18.1.6 The type tests must have been conducted by independent test laboratories that are accredited by a national accreditation body that is a member of the International Laboratory Accreditation Cooperation.

18.1.7 For ease of evaluation the Tenderer **to submit a Schedule of Type Tests** detailing all completed type tests and special tests applicable to each item tendered, as specified. The schedule to detail the full description of the item tested, the test authority, the type test certificate numbers, the applicable standard and the specific tests covered by the certificate.

18.1.8 The Tenderer must submit with the Tender submission copies of the cover sheets, the tested equipment detail pages and the results summaries for the type test certificates detailed in the Type Tests Schedule, as well as certificates of rating.

18.1.9 The type test certificate details to include the installation instruction and the bill of materials applicable to the MV cable accessory tested.

18.1.10 Tenderers must not submit the full type test certificates but only the relevant pages detailed above. The full type test certificates shall be made available to the Engineer for review on request within 7 days of request.

18.1.11 Only identical MV cable accessories to those successfully type tested will be acceptable. Non-applicable type test certificates should not be submitted.

18.2 Routine and Sample Tests

18.2.1 The MV cable accessories may be subjected to such inspections and additional tests as the Engineer may deem necessary. Arrangements for the inspections and testing of the MV cable accessories will be made with the successful Tenderer where required.

19 QUANTITIES

19.1 Tenderers should note that the quantities on the Table below are anticipated quantities only, for the purpose of indicating approximate usage levels. The Employer will order only those quantities that are actually required from time to time and may not order any quantity at all depending on project and customer demand.

Item No.	Description	SAP Commodity Code	Approximate Annual Quantities Required
1.1	Underground straight-through joint, cast iron, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.	200001932	550
1.2	Underground straight-through joint, cast iron, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200000275	750

Item No.	Description	SAP Commodity Code	Approximate Annual Quantities Required
1.3	Underground straight-through joint, cast iron, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200001715	140
1b1	Container of roll sheets and impregnated tapes – size 1001	TBA	10
1b2	Container of roll sheets and impregnated tapes – size 1002	TBA	10
1b3	Container of roll sheets and impregnated tapes – size 1003	TBA	10
1b4	Hot melt compound – 1kg container	TBA	10
2.1	Underground straight-through joint, silicone-filled, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.	200021501	280
2.2	Underground straight-through joint, silicone-filled, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200021502	320
2.3	Underground straight-through joint, silicone-filled, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200021503	270
2b1	Polyurethane-resin for polypropylene outer shell – 1kg container	TBA	10
2b2	Fluid silicone for polyester inner joint – 1kg container	TBA	10
3.1	Underground straight-through joint, heat shrink, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.	200015042	750
3.2	Underground straight-through joint, heat shrink, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200001889	700
3.3	Underground straight-through joint, heat shrink, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200013939	5
3.4	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified.	200015020	5
3.5	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified	200015043	5
3.6	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified	200015035	5

Item No.	Description	SAP Commodity Code	Approximate Annual Quantities Required
3.7	Underground straight-through transition joint, heat shrink, complete, with torque-shear ferrules, suitable for transition from 150 mm² screened copper conductor, 3-core 11 kV XLPE to 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified	200014806	6
3b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length.	TBA	6
3b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length.	TBA	6
3b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length.	TBA	#N/A
4.1	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016383	5
4.2	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016384	10
4.3	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit	200014821	600
4.4	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016386	20
4.5	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit	200000279	340
4.6	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016387	10
4.7	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit	200014822	550
4.8	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016389	5
4.9	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit	200014831	450

Item No.	Description	SAP Commodity Code	Approximate Annual Quantities Required
4.10	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016390	10
4.11	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016402	10
4.12	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit	59708000178683	100
4.13	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200021507	10
4.14	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit	200021508	10
4.15	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01850	5
4.16	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA	5
4.17	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01851	50
4.18	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA	5
4.19	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01851	50
4.20	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA	5
4b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 16mm² to 35mm² screened 3-core 11kV PILC cable, 1 tube of correct length for 800 mm tail.	TBA	6
4b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA	6
4b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 800 mm tail	TBA	6

Item No.	Description	SAP Commodity Code	Approximate Annual Quantities Required
4b4	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA	6
5.1	Outdoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016385	10
5.2	Outdoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit	00E01118	450
5.3	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016388	50
5.4	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit	59758000184381	220
5.5	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	200016401	30
5.6	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit	200014832	5
5.7	Outdoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA	5
5.8	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01852	5
5.9	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	00E01853	5
5.10	Outdoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs	TBA	5
5b1	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 16mm² to 35mm² screened 3-core 11kV PILC cable, 1 tube of correct length for 1200 mm tail.	TBA	6
5b2	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.	TBA	6

Item No.	Description	SAP Commodity Code	Approximate Annual Quantities Required
5b3	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.	TBA	6
5b4	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.	TBA	6
6.1	Indoor termination, heat shrink, fully screened, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021509	10
6.2	Indoor termination, heat shrink, fully screened, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021510	10
6.3	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021511	10
6.4	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021512	10
6.5	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021521	10
6.6	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021522	10
6.7	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021523	10
6.8	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	200021524	345
6b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 16mm² to 35mm² screened PILC cable, 1 tube of correct length for 800 mm tail.	TBA	6
6b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA	6
6b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA	6

Item No.	Description	SAP Commodity Code	Approximate Annual Quantities Required
6b4	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.	TBA	6
7.1	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA	5
7.2	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA	5
7.3	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA	5
7.4	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA	5
7.5	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA	5
7.6	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC	TBA	10
8.1	Bushing Boot, 12kV concertina boot, suitable for use on 35 mm² to 300 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.	200013700	2700
8.2	Bushing Boot, 12kV unscreened separable connector, right angled, suitable for use on 25 mm² to 300 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.	200012361	50
8.3	Bushing Boot, 24kV unscreened separable connector, right angled, suitable for use on 25 mm² to 70 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.	200009352	20
8.4	Bushing Boot, 24kV unscreened separable connector, right angled, suitable for use on 95 mm² to 150 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.	200009351	200
9.1	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 25 mm² to 70 mm², 3-core, round shaped Al / Cu, screened 11 kV PILC cable, as specified.	200021525	250
9.2	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 50 mm² to 95 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200021526	200
9.3	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 95 mm² to 185 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200021527	250
9.4	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 185 mm² to 300 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200021528	500

Item No.	Description	SAP Commodity Code	Approximate Annual Quantities Required
9.5	Ferrule, Mechanical torque-shear ferrule, suitable for use on 25 mm² to 70 mm², 3-core, round shaped Al / Cu, screened 11 kV PILC cable, as specified.	200025711	400
9.6	Ferrule, Mechanical torque-shear ferrule, suitable for use on 50 mm² to 95 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200025712	750
9.7	Ferrule, Mechanical torque-shear ferrule, suitable for use on 95 mm² to 185 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200025713	1250
9.8	Ferrule, Mechanical torque-shear ferrule, suitable for use on 185 mm² to 300 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.	200025714	100

20 DELIVERY PERIOD

20.1 The preferred delivery period per item is detailed in the Price Schedule.

20.2 Tenderers shall detail in the space provided in the Price Schedule the tendered delivery period per item. Tendered delivery periods that exceed the preferred delivery period will be to the approval of the Engineer.

20.3 The contracted delivery period shall be the preferred delivery period or an alternative tendered delivery period that has been considered and formally approved by the Engineer at the time of tender award.

20.4 The Contractor shall deliver MV cable accessories ordered from time to time in accordance with this tender within the contracted delivery period unless specifically approved to the contrary by the Engineer.

20.5 The Contractor shall on placement of new purchase orders by the Employer prepare a detailed delivery schedule and submit this to the Engineer within 5 working days of the placement of the orders.

20.6 In cases where large quantities of MV cable accessories are ordered simultaneously staggered deliveries that extend beyond the contracted delivery period may be considered provided that thorough and acceptable motivation is submitted by the Contractor and subject to formal approval of the delivery schedule by the Engineer.

20.7 Contract deliveries that exceed the contracted delivery period and for which the extended delivery period has not been formally approved by the Engineer will be subject to penalties in accordance with the Special Conditions of Contract.

21 CONTRACT AWARD

21.1 Main and Alternative Contractor

21.1.1 The CCT intends to appoint two tenderers per Category (the highest ranked tenderer (“the Main Contractor”) and in addition an “Alternative Contractor”, where possible offering goods from an alternative manufacturer) for the allocation of work. If no tenderer offers goods from an alternative manufacturer, the second-highest-ranked tenderer offering goods from the same manufacturer may be appointed as the Alternative Contractor for work allocation. If insufficient responsive bids are received, the CCT reserves the right to appoint fewer tenderers, or not to appoint any tenderers at all.

21.1.2 Purchase Orders will in the first instance be placed by the CCT with the Main Contractor.

21.1.3 Should the Main Contractor not be able to meet the contractual commitments relating to a particular order or orders, either in terms of delivery performance or of compliance with the requirements of the

specification, the Contractor shall advise the CCT within 5 working days of receipt of the order(s). The purchase order(s) will thereafter be cancelled and orders placed with the Alternative Contractor.

21.1.4 Should the Main Contractor continually fail to meet the contractual commitments the CCT reserves the right to initiate the Default process, during which the Contractor will be afforded an opportunity to address in consultation with the CCT his contract performance and failure to meet the contractual commitments.

21.1.5 During the course of any such Default process the CCT reserves the right to place orders with the Alternative Contractor instead of the Main Contractor and shall retain this right until such time as the Main Contractor has either corrected the non-compliance with the contractual commitments or has provided a proposal to correct the non-compliance with the contractual commitments that is to the satisfaction of the CCT.

21.1.6 In the event that the Main Contractor is formally placed in Default in terms of the specification the contract shall be placed with the Alternative Contractor for the balance of the contract period.

21.2 **Continuity of Equipment and Suppliers / Manufacturers**

21.2.1 Contract award will be based upon the technical information supplied with the successful Tenderer's or Tenderers' submissions, and no changes in the equipment tendered or in the equipment Suppliers / Manufacturers will be permitted during the validity period of the contract. Changes sought by the Contractor due to exceptional circumstances should be requested formally by the Contractor and will be subject to the prior formal approval of the Engineer.

22 HEALTH AND SAFETY PLAN

22.1 The successful Tenderer(s) will be responsible for the safe loading, transport, delivery and off-loading of the goods strictly in accordance with the requirements of the Occupational Health and Safety Act and all other relevant legislation. To this end the successful Tenderer(s) shall provide a detailed Health and Safety Plan to the City within two weeks of commencement of contract detailing the specific provisions put in place to ensure compliance in this regard.

23 TRADE NAMES OR PROPRIETARY PRODUCTS

23.1 Bid specifications may not make any reference to any particular trademark, name, patent, design, type, specific origin or producer, unless there is no other sufficiently precise or intelligible way of describing the characteristics of the work, in which case such reference must be accompanied by the words "or equivalent".

TENDERERS MUST NOTE THAT WHEREVER THIS DOCUMENT REFERS TO ANY PARTICULAR TRADEMARK, NAME, PATENT, DESIGN, TYPE, SPECIFIC ORIGIN OR PRODUCER, SUCH REFERENCE SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS "OR EQUIVALENT"

24 EMPLOYMENT OF SECURITY PERSONNEL

All security staff employed by the supplier on behalf of the CCT or at any CCT property must be registered with Private Security Industry Regulatory Authority (PSiRA). Proof of such registration must be made available to the CCT's agent upon request.

25 FORMS FOR CONTRACT ADMINISTRATION

The Supplier shall complete, sign and submit with each invoice, the following:

a) Monthly Project Labour Report (described below)

The Monthly Project Labour Report must include details of all labour (including that of sub-contractors) that are South African citizens earning less than R500.00 per day, as adjusted from time to time (excluding any benefits), who are employed on a temporary or contract basis on this contract in the month in question.

In addition to the Monthly Project Labour Report the Supplier shall simultaneously furnish the CCT's Agent with copies of the employment contracts entered into with such labour, together with certified copies of identification documents, proof of attendance in the form of attendance register or timesheets as well as evidence of payments to such labour in the form of copies of payslips or payroll runs. If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it and proof of such acknowledgement shall be furnished to the CCT's Agent.

C.6 SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract, referring to the National Treasury – Conditions of Contract (revised July 2010), are applicable to this agreement.

1. Definitions

Insert new clause 1.1A with the following:

1.1A "Commencement Date" means the date the Supplier confirms receipt from the Purchaser of 1 (one) complete, signed copy of the Contract, the *Schedule of Deviations* (if any).

1.1B "Conditions of Contract" means the general conditions of contract and special conditions of contract including all other contract data incorporated by reference.

Delete Clause 1.15 and substitute with the following

1.15 The word 'Goods' is to be replaced everywhere it occurs in the GCC with the phrase 'Goods and / or Services' which means all of the equipment, machinery, materials, services, products, consumables, etc. that the Supplier is required to deliver to the Purchaser under the agreement. This definition shall also be applicable, as the context requires, anywhere where the words "supplies" and "services" occurs in the GCC.

Delete Clause 1.19 and substitute with the following

1.19 The word 'Order' is to be replaced everywhere it occurs in the GCC with the words 'Purchase Order' which means the official purchase order authorised and released on the Purchaser's SAP System.

Delete Clause 1.21 and substitute with the following:

1.21 'Purchaser' means the City of Cape Town. The address of the Purchaser is 12 Hertzog Boulevard, Cape Town, 8001 (chosen domicilium citandi et executandi).

Add the following after Clause 1.25:

1.26 'Supplier' means the provider of Goods and / or Services with whom the Contract is concluded also referred to as "contractor" in the GCC.

1.27 "Intellectual Property" means any and all intellectual property rights of any nature anywhere in the world whether registered, registerable or otherwise, including patents, trademarks, registered designs and domain names, applications for any of the foregoing, trade or business names, copyright and rights in the nature of copyright, design rights, rights in databases, know-how, trade secrets and any other intellectual property rights which subsist in computer software, computer programs, websites, documents, information, techniques, business methods, drawings, logos, instruction manuals, lists and procedures and particulars of customers, marketing methods and procedures and advertising literature, including the "look and feel" of any websites

1.28 "Working Day" means Monday to Friday excluding weekends and Public Holidays (in the Republic of South Africa).

3. General Obligations

Delete Clause 3.2 in its entirety and replace with the following clauses.

3.2 The Parties will be liable to each other arising out of or in connection with any breach of the obligations detailed or implied in this contract, subject to clause 28.

3.3 If the Supplier is a joint venture, all parties in a joint venture or consortium shall be jointly and severally liable to the Purchaser in terms of the Contract and shall carry individually the minimum levels of insurance stated in the Contract, if any.

3.4 The Parties shall comply with all laws, regulations and bylaws of local or other authorities having jurisdiction regarding the Delivery of the Goods and/or Services and give all notices and pay all charges required by such authorities.

3.4.1 The Parties agree that this Contract shall also be subject to the CCT's Supply Chain Management Policy ("SCM Policy") that was applicable on the date the bid was advertised as amended from time to time. If the Purchaser adopts a new SCM Policy which contemplates that any clause therein would apply to the Contract emanating from this tender, such clause shall also be applicable to the Contract. Please refer to this document contained on the CCT's website.

3.4.2 Abuse of the supply chain management system is not permitted and may result in termination of the Contract, restriction of the Supplier, and/or the exercise by the CCT of any other remedies available to it as described in the SCM Policy or in law.

3.5 The Supplier shall:

3.5.1 Arrange for the documents listed below to be provided to the Purchaser prior to the issuing of the Purchase Order by the Purchaser and no later than the periods as set out in the Contract:

a) Proof of Insurance (Refer to Clause 11) or Insurance Broker's Warrantee,
b) Letter of good standing from the Compensation Commissioner, or a licensed compensation insurer (Refer to Clause 11),
c) Initial delivery programme, and
d) Other requirements as detailed in the Contract.

3.5.2 Only when notified of the acceptance of the bid on the Date of Commencement of Contract, the Supplier shall commence with and carry out the Delivery of the Goods and/or Services in accordance with the Contract, to the satisfaction, of the Purchaser.

3.5.3 Provide all of the necessary materials, labour, plant and equipment required for the delivery of the Goods and/or Services including any temporary services that may be required.

3.5.4 Insure his workmen and employees against death or injury arising out of the delivery of the Goods.

3.5.5 Be continuously represented during the Delivery of the Goods and/or Services by a competent representative duly authorised to execute instructions.

3.5.6 In the event of a loss resulting in a claim against the insurance policies stated in clause 11, pay the first amount (excess) as required by the insurance policy.

3.5.7 Comply with all written instructions from the Purchaser subject to clause 18.

3.5.8 Complete and Deliver the goods within the period stated in clause 10, or any extensions thereof in terms of clause 21.

3.5.9 Make good at his own expense, all incomplete and defective Goods during the warranty period.

3.5.10 Pay to the Purchaser any penalty for delay as due on demand by the Purchaser. The Supplier hereby consents to such amounts being deducted from any payment due to the Supplier.

3.5.11 Comply with the provisions of the OHAS Act & all relevant regulations.

3.5.12 Comply with all laws relating to wages and conditions generally governing the employment of labour in the Cape Town area and any applicable Bargaining Council agreements.

3.5.13 Deliver the Goods in accordance with the Contract and with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.

3.6 The Purchaser shall:

3.6.1 Issue Purchaser Orders for the Goods and/or Services required under this Contract. No liability for payment will ensue for arising out of the Delivery of the Goods and/or Services, unless a Purchase Order has been issued to the Supplier.

3.6.2 Make payment to the Supplier for the Goods and/or Services as set out herein.

3.6.3 Take possession of the Goods and /or Services upon Delivery by the Supplier.

3.6.4 Regularly inspect the Goods to establish that it is being delivered in compliance with the Contract.

3.6.5 Give any instructions and/or explanations and/or variations to the Supplier including any relevant advice to assist the Supplier to understand the Contract.

3.6.6 Grant or refuse any extension of time requested by the Supplier of the period stated in clause 10.

3.6.7 Inspect the Goods and/or Services to determine if, in the opinion of the Purchaser, it has been delivered in compliance with the Contract, alternatively in such a state that it can be properly used for the purpose for which it was intended.

3.6.8 Brief the Supplier and issue all documents, information, etc. in accordance with the contract.

5. Use of contract documents and information; inspection, copyright, confidentiality, etc.

Add the following after clause 5.4:

5.5 Copyright of all documents prepared by the Supplier in accordance with the relevant provisions of the Copyright Act (Act 98 of 1978) relating to the Contract shall be vested in the Purchaser. Where copyright is vested in the Supplier, the Purchaser shall be entitled to use the documents or copy them only for the purposes for which they are intended in regard to the agreement and need not obtain the Supplier's permission to copy it for such use. Where copyright is vested in the Purchaser, the Supplier shall not be liable in any way for the use of any of the information other than as originally intended in terms of the agreement and the Purchaser hereby indemnifies the Supplier against any claim which may be made against it by any person / entity, arising from the use of such documentation for other purposes.

The ownership of data and factual information collected by the Supplier and paid for by the Purchaser shall, after payment, vest with the Purchaser.

5.6 Publicity and publication
The Supplier shall not release public or media statements or publish material related to the services or agreement within two (2) years of Delivery of the Goods, without the written approval of the Purchaser, which approval shall not be unreasonably withheld.

5.7 Confidentiality
Both Parties shall keep all information obtained by them in the context of the agreement, confidential and shall not divulge it without the written approval of the other Party.

5.8 Intellectual Property

5.8.1 The Supplier acknowledges that it shall not acquire any right, title or interest in or to the Intellectual Property of the Purchaser.

5.8.2 The Supplier hereby assigns to the Purchaser, all Intellectual Property created, developed or otherwise brought into existence by it for the purposes of the agreement, unless the Parties expressly agree otherwise in writing.

5.8.3 The Supplier shall, and warrants that it shall:

5.8.3.1 Not be entitled to use the Purchaser's Intellectual Property for any purpose other than as contemplated in the agreement;

5.8.3.2 not modify, add to, change or alter the Purchaser's Intellectual Property, or any information or data related thereto, nor may the Supplier produce any product as a result of, including and/or arising from any such information, data and Intellectual Property, and in the event that it does produce any such product, the product shall be, and be deemed in law to be, owned by the Purchaser;

5.8.3.3 Not apply for or obtain registration of any domain name, trademark or design which is similar to any Intellectual Property of the Purchaser;

5.8.3.4 Comply with all reasonable directions or instructions given to it by the Purchaser in relation to the form and manner of use of the CCT Intellectual Property, including without limitation, any brand guidelines which the Purchaser may provide to the Supplier from time to time;

5.8.3.5 Ensure that its employees, directors, members and contractors comply strictly with the provisions of this Clause 5.5.8.4 above unless the Purchaser expressly agrees to the contrary, in writing and only after obtaining due internal authority for such agreement.

5.8.4 The Supplier represents and warrants to the Purchaser that, in providing Goods and/or Services for the duration of the agreement it will not infringe or make unauthorised use of the Intellectual Property rights of any third party and hereby indemnifies the Purchaser from any claims, liability, loss, damages, costs, and expenses arising from the infringement or unauthorised use by the Supplier of any third party's Intellectual Property rights.

5.8.5 Upon expiry of the contract period and in the event that the Contract is terminated, ended or is declared void, any and all of the Purchaser's Intellectual Property, and any and all information and data related thereto, shall be immediately handed over to the Purchaser by the Supplier and no copies thereof shall be retained by the Supplier unless the Purchaser expressly and in writing, after obtaining due internal authority, agrees otherwise.

Add the following after clause 5.8:

5.9 **Protection of Personal Information Act of 2013**

By submitting a tender to the Purchaser, (and by concluding any ensuing related agreement with the City of Cape Town, if applicable), the Tenderer thereby acknowledges and unconditionally agrees:

5.9.1 that the tenderer has been informed of the purpose of the collection and processing of its personal information as defined in the Protection of Personal Information Act of 2013 ("POPIA"), which, for the avoidance of doubt is for, and in relation to, the tender process and the negotiation, conclusion, performance and enforcement of the ensuing agreement, if applicable, as well as for the City of Cape Town's reporting purposes;

5.9.2 to the collection and processing of the tenderer's personal information by the City of Cape Town and agrees to make available to the City of Cape Town, all information reasonably required by the City of Cape Town for the above purposes;

5.9.3 that the personal information the City of Cape Town collects from the tenderer or about the tenderer may be further processed for other activities and/or purposes which are lawful, reasonable, relevant and not excessive in relation to the purposes set out above, for which it was originally collected;

5.9.4 that, the tenderer indemnifies the City of Cape Town and its officials, employees, and directors and undertakes to keep the City of Cape Town and its officials, employees, and directors indemnified in respect of any claim, loss, demands, liability, costs and expenses of whatsoever nature which may be made against the City of Cape Town (including the costs incurred in defending or contesting any such claim) in relation to the tenderer or the tenderer's employees', representatives' and/or sub-Suppliers' non-compliance with POPIA and/or the City of Cape Town's failure to obtain the tenderer's consent or to notify the tenderer of the reason for the processing of the tenderer's personal information;

5.9.5 to the disclosure of the tenderer's personal information by the City of Cape Town to any third party, where the City of Cape Town has a legal or contractual obligation to disclose such personal information to the third party (or a legitimate interest exits therein);

5.9.6 that, under POPIA, the tenderer may request to access, confirm, request the correction, destruction, or deletion of, or request a description of, personal information held by the City of Cape Town in relation to you, subject to applicable law; and

that under POPIA, subject to applicable law, the tenderer also has the right to be notified of a personal information breach and the right to object to, or restrict, the City of Cape Town's processing of its personal information.

5.10 **PERFORMANCE MONITORING**

5.10.1 As required by section 116(2)(b) of the Local Government: Municipal Financial Management Act 56 of 2003, the CCT shall monitor the performance of the Supplier on at least a monthly basis, and the Supplier agrees to provide the CCT with its full cooperation in this regard.

7. Performance Security

Delete clause 7.1 to 7.4 and replace with the following:

Not Applicable. Tenderers must disregard the **Pro Forma Performance Security/ Guarantee** and are not required to furnish same.

8. Inspections, tests and analyses

Delete Clause 8.2 and substitute with the following:

8.2 If it is a bid condition that Goods and/or Services 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 Supplier shall be open, at all reasonable hours, for inspection by a representative of the Purchaser or an organisation acting on behalf of the Purchaser.

10. Delivery and documents

Delete clauses 10.1 and 10.2 and replace with the following:

10.1 Delivery of the goods shall be made by the Supplier in accordance with the terms specified in the contract. The time for Delivery of the goods shall be the date as stated on the Purchase Order. In the case of agreements for Delivery of goods in terms of framework or panel agreements, Purchase Orders for the supply and delivery of goods may be raised up until the expiry of a framework or panel agreement, provided that the goods can be delivered within 30 (thirty) days of expiry of the framework or panel agreement. In this context, the “goods” does not include services and carries its ordinary meaning. All Purchase Orders other than for the supply and Delivery of goods (i.e. supply of services, professional services or constructions works), must be completed prior to the expiry of the contract period.

10.2 The Purchaser shall determine, in its sole discretion, whether the Goods and/or Services have been delivered in compliance with the Contract, alternatively in such a state that it can be properly used for the purpose for which it was intended. When the Purchaser determines that the Goods and/or Services have been satisfactorily delivered, the Purchaser must issue an appropriate certification, or written approval, to that effect. Invoicing may only occur, and must be dated, on or after the date of such written acceptance of the Goods.

11. Insurance

Add the following after clause 11.1:

11.2 Without limiting the obligations of the Supplier in terms of this Contract, the Supplier shall effect and maintain the following additional insurances:

11.2.1 Public liability insurances, in the name of the Supplier, covering the Supplier and the Purchaser against liability for the death of or injury to any person, or loss of or damage to any property, arising out of or in the course of this Contract, in an amount not less than **R20 million** for any single claim;

11.2.2 Motor Vehicle Liability Insurance, in respect of all vehicles owned and / or leased by the Supplier, comprising (as a minimum) “Balance of Third Party” Risks including Passenger Liability Indemnity;

11.2.3 Registration / insurance in terms of the Compensation for Occupational Injuries and Disease Act, Act 130 of 1993. This can either take the form of a certified copy of a valid Letter of Good Standing issued by the Compensation Commissioner, or proof of insurance with a licenced compensation insurer, from either the Supplier’s broker or the insurance company itself (see the Pro Forma Insurance Broker’s Warranty).

11.2.5 In the event of under insurance or the insurer's repudiation of any claim for whatever reason, the Purchaser will retain its right of recourse against the Supplier.

11.3 The Supplier shall be obliged to furnish the Purchaser with proof of such insurance as the Purchaser may require from time to time for the duration of this Contract. Evidence that the insurances have been effected in terms of this clause, shall be either in the form of an insurance broker's warranty worded precisely as per the pro forma version contained in the Pro forma Insurance Broker's Warranty or copies of the insurance policies.

15. Warranty

Add to Clause 15.2:

15.2 The warranty for this Contract shall remain valid for twelve (12) months from date of Delivery of the Goods and/or Services.

16. Payment

Delete Clause 16.1 in its entirety and replace with the following:

16.1 Payment of invoices will be made:

16.1.1 Within 30 (thirty) days of receiving the relevant invoice or statement from the Supplier, unless otherwise prescribed for certain categories of expenditure or specific contractual requirements in accordance with any other applicable policies of the Purchaser.

16.1.2 Notwithstanding anything contained above, the Purchaser shall not be liable for payment of any invoice that pre-dates the date of delivery of any Goods and/or Services.

Delete Clause 16.2 in its entirety and replace with the following:

16.2 The Supplier shall furnish the purchaser's Accounts Payable Department with an original tax invoice, clearly showing the amount due in respect of each and every claim for payment.

Add the following after clause 16.4

16.5 Notwithstanding any amount stated on the Purchase Order, the Supplier shall only be entitled to payment for Goods and/or Services actually delivered in terms of the Specification and Drawings, or any variations thereof made in accordance with clause 18. Any contingency sum included shall be for the sole use, and at the discretion, of the Purchaser.

17. Prices

Add the following after clause 17.1

17.2 If as a result of an award of a contract beyond the original tender validity period, the contract execution will be completed beyond a period of twelve (12) months from the expiry of the original tender validity period, then the contract may be subject to contract price adjustment for that period beyond such twelve (12) months. An appropriate contract price adjustment formula will be determined by the Purchaser delegated authority if such was not included in the bid documents.

17.3 If as a result of any extension of time granted, the contract execution will be completed beyond a period of twelve (12) months from the expiry of the original tender validity period, then contract price adjustment may apply to that period beyond such twelve (12) months. An appropriate contract price adjustment formula will be determined by the Director: Supply Chain Management if such was not included in the bid documents.

17.4 The prices for the goods and/or Services delivered and services performed shall be subject to contract price adjustment in terms of Schedule F.1 Contract Proce Adjustment and /or Rate of Exchange Variations and the following conditions will be applicable:

17.4.1 CPA from contract commencement

18. Contract Amendments

Delete the heading of clause 18 and replace with the following:

18. Contract Amendments and Variations

Add the following to clause 18.1:

Variations means changes to the Goods and/or Services, extension of the contract period or increases in the value of the Contract as a result of written instructions issued by the Purchaser to the Supplier. Such changes are subject to prior approval by the Purchaser's delegated authority. Should the Supplier deliver any Goods not described in a written instruction from the Purchaser, the Purchaser's liability for payment shall no arise until such time as the change has been duly approved and such approval communicated to the Purchaser.

20. Subcontracts

Add the following after clause 20.1:

20.2 The Supplier shall be liable for the acts, defaults and negligence of any subcontractor, his agents or employees as fully as if they were the acts, defaults or negligence of the Supplier.

20.3 Any appointment of a subcontractor shall not amount to a contract between the Purchaser and the subcontractor, or a responsibility or liability on the part of the Purchaser to the subcontractor and shall not relive the Supplier from any liability or obligation under the Contract.

21. Delays in the supplier's performance

Delete Clause 21.2 in its entirety and replace with the following:

21.2 If at any time during the performance of obligations contained in the Contract the Supplier or its subcontractors should encounter conditions beyond their reasonable control which impede the timely delivery of the Goods and/or Services, the Supplier shall notify the Purchaser in writing, within 7 (seven) days of first having become aware of these conditions, of the facts of the delay, its cause(s) and its probable duration. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation, and may at his discretion extend the time for Delivery.

Where additional time is granted, the Purchaser shall also determine whether or not the Supplier is entitled to payment for additional costs in respect thereof. The principle to be applied in this regard is that where the Purchaser or any of its agents are responsible for the delay, reasonable costs shall be paid. In respect of delays that were beyond the reasonable control of both the Supplier and the Purchaser, additional time only (no costs) will be granted.

The Purchaser shall notify the Supplier in writing of his decision(s) in the above regard.

21.3 No provision in this Contract shall be deemed to prohibit the obtaining of Goods and/or Services from a national department, provincial department, or a local authority.

22. Penalties

Delete clause 22.1 and replace with the following:

22.1 Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods and/or Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from amounts payable, as a penalty, a sum as stated herein for each day of the delay until actual Delivery or performance.

In the event that the actual delivery for goods ordered in terms of this tender exceeds the contracted delivery period, a penalty of 0.5% per week of the value of the overdue goods will be imposed. No such penalties shall exceed 10% of the value of the overdue goods concerned.

22.2 The Purchaser shall, without prejudice to its other remedies under the contract, deduct from amounts payable, financial penalties as contained on the Preference Schedule for breaches of the conditions upon which preference points were awarded.

23. Termination for default

Delete the heading of clause 23 and replace with the following:

23. Termination

Add the following to the end of clause 23.1:

If the Supplier fails to remedy the breach in terms of such notice.

Add the following after clause 23.7:

23.8 In addition to the grounds for termination due to default by the Supplier, the Contract may also be terminated:

23.8.1 Upon the death of the Supplier who was a Sole Proprietor, or a sole member of a Close Corporation, in which case the contract will terminate forthwith.

23.8.2 If the Parties, by mutual agreement, terminate the Contract.

23.8.3 If a material irregularity vitiates the procurement process leading to the conclusion of the Contract, rendering the procurement process and the conclusion of the resulting Contract unfair, inequitable, non-transparent, uncompetitive or not cost-effective the Contract may be terminated by the Purchaser (upon conclusion of applicable processes by the City Manager as described in the Purchaser's SCM Policy).

23.8.4 Reputational risk or harm to the Purchaser

The Purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, may terminate the contract if the implementation of the contract may result in reputational risk or harm to the Purchaser as a result of (inter alia):

a) reports of poor governance and/or unethical behaviour;
b) association with known notorious individuals and family of notorious individuals;
c) poor performance issues, known to the Purchaser
d) negative social media reports;
e) adverse assurance (e.g. due diligence) report outcomes; or
f) circumstances where the relevant vendor has employed, or is directed by, anyone who was previously employed in the service of the state (as defined in clause 1.53), where the person is or was negatively implicated in any SCM irregularity.

By or in relation to the Supplier, the Contract may be terminated by the Purchaser after providing notice to the Supplier.

23.9 If the Contract is terminated in terms of clause 23.8, all obligations that were due and enforceable prior to the date of the termination, must be performed by the relevant Party.

26. Termination for insolvency

Delete clause 26.1 and replace with the following:

26.1 In the event of the Supplier becoming bankrupt or otherwise insolvent the Purchaser may elect to:

26.1.1 At any time, terminate the Contract by giving written notice to the Supplier; or
26.1.2 Accept a Supplier's proposal (via the liquidator) to render delivery utilising the appropriate contractual mechanisms or takes steps to ensure its rights are protected and any negative impact on service delivery is mitigated.

26.2 In the event of the Purchaser electing to cancel the Contract in accordance with clause 26.1.1 above, the Purchaser shall make payment of all verified and signed off invoices. In the event of there being any dispute in respect of any outstanding invoices such dispute shall be dealt with in accordance with the dispute resolution mechanism in the Contract.

27. Settlement of Disputes

Amend clause 27.1 as follows:

27.1 If any dispute or difference of any kind whatsoever, with the exception of termination in terms of clause 23 arises between the Purchaser and the Supplier in connection with or arising out of the Contract, the Parties shall make every effort to resolve such dispute or difference amicably, by mutual consultation.

Delete Clause 27.2 in its entirety and replace with the following:

27.2 Should the Parties fail to resolve any dispute by way of mutual consultation, either party shall be entitled to refer the matter for mediation before an independent and impartial person appointed by the City Manager in accordance with Regulation 50(1) of the Local Government: Municipal Finance Management Act, 56 of 2003 – Municipal Supply Chain Management Regulations (Notice 868 of 2005). Such referral shall be done by either party giving written notice to the other of its intention to commence with mediation. No mediation may be commenced unless such notice is given to the other party.

Irrespective whether the mediation resolves the dispute, the Parties shall bear their own costs concerning the mediation and share the costs of the mediator and related costs equally.

The mediator shall agree the procedures, representation and dates for the mediation process with the Parties. The mediator may meet the Parties together or individually to enable a settlement.

Where the Parties reach settlement of the dispute or any part thereof, the mediator shall record such agreement and on signing thereof by the Parties the agreement shall be final and binding.

Save for reference to any portion of any settlement or decision which has been agreed to be final and binding on the Parties, no reference shall be made by or on behalf of either party in any subsequent court proceedings, to any outcome of an amicable settlement by mutual consultation, or the fact that any particular evidence was given, or to any submission, statement or admission made in the course of amicable settlement by mutual consultation or mediation.

28. Limitation of Liability

Delete clause 28.1 (a) and (b) and replace with the following:

(a) notwithstanding any provision to the contrary contained in this contract, neither the supplier nor any of its officers, directors, employees, agents contractors, consultants or other representatives shall be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect, incidental, special or consequential loss or damage of any kind, including without limitation the loss of use, loss of production, or loss of profits or interest costs, loss of goodwill, lost or damaged data or software, costs of substitute products/services and/or loss of business or business opportunities (whether foreseeable or unforeseeable), provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser;

(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the sums insured in terms of clause 11 in respect of insurable events, or where no such amounts are stated, to an amount equal to twice the Contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

Add the following after clause 28.1:

28.2 Without detracting from, and in addition to, any of the other indemnities in this Contract, the Supplier shall be solely liable for and hereby indemnifies and holds harmless the Purchaser against all claims, charges, damages, costs, actions, liability, demands and/or proceedings and expense in connection with:

a) personal injury or loss of life to any individual;
b) loss of or damage to property;

arising from, out of, or in connection with the performance by the Supplier in terms of this Contract, save to the extent caused by the gross negligence or wilful misconduct of the Purchaser.

28.3 The Supplier and/or its employees, agents, concessionaires, suppliers, sub-contractors or customers shall not have any claim of any nature against the purchaser for any loss, damage, injury or death which any of them may directly or indirectly suffer, whether or not such loss, damages, injury or death is caused through negligence of the Purchaser or its agents or employees.

28.4 Notwithstanding anything to the contrary contained in this Contract, under no circumstances whatsoever, including as a result of its negligent (including grossly negligent) acts or omissions or those of its servants, agents or contractors or other persons for whom in law it may be liable, shall any party or its servants (in whose favour this constitutes a *stipulatio alteri*) be liable for any indirect, extrinsic, special, penal, punitive, exemplary or consequential loss or damage of any kind whatsoever, whether or not the loss was actually foreseen or reasonably foreseeable), sustained by the other party, its directors and/or servants, including but not limited to any loss of profits, loss of operation time, corruption or loss of information and/or loss of contracts.

28.5 Each party agrees to waive all claims against the other insofar as the aggregate of compensation which might otherwise be payable exceeds the aforesaid maximum amounts payable.

31. Notices

Delete clauses 31.1 and 31.2 and replace with the following:

31.1 Any notice, request, consent, approvals or other communications made between the Parties pursuant to the Contract shall be in writing and forwarded to the addresses specified in the Contract and may be given as set out hereunder and shall be deemed to have been received when:

a) hand delivered – on the day delivery of delivery or the next Working Day,
b) sent by registered mail – five (5) Working Days after mailing,
c) sent by email or telefax – one (1) Working Day after transmission.

32. Taxes and Duties

Delete the final sentence of 32.3 and replace with the following:

. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a valid Tax Compliance Status PIN issued by SARS to the CCT at the Supplier Management Unit located within the Supplier Management / Registration Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5), or included with this tender.

Add the following after clause 32.3:

32.4 The VAT registration number of the CCT is 4500193497.

ADDITIONAL CONDITIONS OF CONTRACT

Add the following Clause after Clause 34:

35. Reporting Obligations

35.1 The Supplier shall complete, sign and submit with each delivery note, all the documents as required in the Specifications including Monthly Project Labour Reports (Annexure B). Any failure in this regard may result in a delay in the processing of payments.

C.7 GENERAL CONDITIONS OF CONTRACT

(National Treasury - General Conditions of Contract (revised July 2010))

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1. Definitions

1. The following terms shall be interpreted as indicated:

1.1 'Closing time' means the date and hour specified in the bidding documents for the receipt of bids.

1.2 'Contract' means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

1.3 'Contract price' means the price payable to the supplier under the contract for the full and proper performance of his or her 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 in which an enterprise abroad is subsidised 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 recognised 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 with 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 consignee’s 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 markets its goods on its own initiative in the RSA at lower prices than that of the country of origin, and which action has the potential to harm the local industries in the RSA.

1.12 ‘Force majeure’ means an event beyond the control of the supplier, not involving the supplier’s fault or negligence, and not foreseeable. Such events may include, but are 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 organisation 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 the purposes of such performance.

5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1, except for purposes of performing the contract.

5.3 Any document, other than the contract itself, mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.

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

6. Patent rights

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

7. Performance Security

7.1 Within 30 (thirty) 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 the 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 30 (thirty) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in the SCC.

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 organisation acting on behalf of the Department.

8.3 If there are no inspection requirements indicated in the bidding documents and no mention of such 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 analysed 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 the 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 the 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 the SCC.

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

(a) performance or supervision of on-site assembly, and/or commissioning of the supplied goods;
(b) furnishing of tools required for the 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 the SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

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

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

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

15. Warranty

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

15.2 This warranty shall remain valid for 12 (twelve) 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 18 (eighteen) 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 the SCC.

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

15.4 Upon receipt of such notice, the supplier shall, within the period specified in the 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 the 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 the SCC.

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

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

16.4 Payment will be made in Rand unless otherwise stipulated in the 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 tendered by the supplier in his bid, with the exception of any price adjustments authorized in the 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 this contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. Delays in the supplier's performance

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

21.2 If at any time during the 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 or her 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 of supplies; or to have minor essential services executed if an emergency arises, or 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 14 (fourteen) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated 14 (fourteen) 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 5 (five) 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, Act 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 of not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction, and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

24.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidised 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 or she 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 or her.

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 notify the purchaser promptly, 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 such dispute or difference amicably, by mutual consultation.

27.2 If, after 30 (thirty) 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 to 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 specified in the 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, licence fees, and other such levies imposed outside the purchaser’s country.

32.2 A local supplier shall be entirely responsible for all taxes, duties, licence 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, Act 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, Act 89 of 1998.

34.3 If a bidder(s) or contractor(s) has/have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and/or terminate the contract in whole or part, and/or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding 10 (ten) years and/or claim damages from the bidder(s) or contractor(s) concerned.

C.8 ANNEXURES

Annexure A – Pro Forma Insurance Broker's Warranty

Broker Logo

Letterhead of supplier's Insurance Broker

Date _____

CCT
City Manager
Civic Centre
12 Hertzog Boulevard
Cape Town
8000

Dear Sir

***TENDER NO.**:* *123G/2026/27*

TENDER DESCRIPTION: *Manufacture, Supply, Delivery and Off-Loading of Accessories for Medium Voltage Power Cables*

NAME OF SUPPLIER: _____

I, the undersigned, do hereby confirm and warrant that all the insurances required in terms of the abovementioned contract have been issued and/or in the case of blanket/umbrella policies, have been endorsed to reflect the interests of the CCT with regard to the abovementioned contract, and that all the insurances and endorsements, etc., are all in accordance with the requirements of the contract.

I furthermore confirm that all premiums in the above regard have been paid.

Yours faithfully

Signed: _____

For: _____ *(Supplier's Insurance Broker)*

Annexure B – Monthly Project Labour Report

ANNEX 1

CITY OF CAPE TOWN
MONTHLY PROJECT LABOUR REPORT

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Instructions for completing and submitting forms

General

1 The Monthly Project Labour Reports must be completed in full, using typed, proper case characters; alternatively, should a computer not be available, handwritten in black ink.
2 Incomplete / incorrect / illegible forms will not be accepted.
3 Any conditions relating to targeted labour stipulated in the Contract (in the case of contracted out services or works) shall apply to the completion and submission of these forms.
4 This document is available in Microsoft Excel format upon request from the City's EPWP office, tel 021 400 9406, email EPWPLR@capetown.gov.za.

Project Details

5 If a field is not applicable insert the letters: NA
6 Only the Project Number supplied by the Corporate EPWP Office must be inserted. The Project Number can be obtained from the Coordinator or Project Manager or from the e-mail address in point 4 above.
7 On completion of the contract or works project the anticipated end date must be updated to reflect the actual end date.

Beneficiary Details and Work Information

8 Care must be taken to ensure that beneficiary details correspond accurately with the beneficiary's ID document.
9 A new beneficiary is one in respect of which a new employment contract is signed in the current month. A certied ID copy must accompany this labour report on submission.
10 Was the beneficiary sourced from the City's job seeker database?
11 The contract end date as stated in the beneficiary's employment contract.
12 Where a beneficiary has not worked in a particular month, the beneficiary's name shall not be reflected on this form at all for the month in question.
13 Training will be recorded separately from normal working days and together shall not exceed the maximum of 23 days per month
14 Workers earning more than the maximum daily rate (currently R450 excluding any benefits) shall not be reflected on this form at all.

Submission of Forms

15 Signed hardcopy forms must be scanned and submitted to the City's project manager in electronic (.pdf) format, together with the completed form in Microsoft Excel format.
16 Scanned copies of all applicable supporting documentation must be submitted along with each monthly project labour report. Copies of employment contracts and ID documents are only required in respect of new beneficiaries.
17 If a computer is not available hardcopy forms and supporting documentation will be accepted.

PROJECT DETAILS

Numbers in cells below e.g (6) refer to the relevant instruction above for completing and submitting forms

CONTRACT OR WORKS PROJECT NAME: (6)		EPWP SUPPLIED PROJECT NUMBER: (6)	
DIRECTORATE:		DEPARTMENT:	
CONTRACTOR OR VENDOR NAME:		CONTRACTOR OR VENDOR E-MAIL ADDRESS:	
CONTRACTOR OR VENDOR CONTACT PERSON:		CONTRACTOR OR VENDOR TEL. NUMBER:	CELL WORK

PROJECT LABOUR REPORT CURRENT MONTH (mark with "X")

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR				

ACTUAL START DATE (yyyy/mm/dd)								ANTICIPATED / ACTUAL END DATE (yyyy/mm/dd) (7)							

TOTAL PROJECT EXPENDITURE / VALUE OF WORK DONE TO-DATE (INCLUDING ALL COSTS, BUT EXCLUDING VAT)

R														

ANNEX 1 (continued)

MONTHLY PROJECT LABOUR REPORT

BENEFICIARY DETAILS AND WORK INFORMATION

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

CONTRACT OR WORKS PROJECT NUMBER:		Year	Month	Sheet		
				1	of	

	(8)	(8)	(8)	(9)			(10)		(11)	(12)	(13)	(14)
No.	First name	Surname	ID number	New Beneficiary (Y/N)	Gender (M/F)	Disabled (Y/N)	Job seeker database (Y/N)	Contract start date (DDMMYY)	Contract end date (DDMMYY)	No. days worked this month (excl. training)	Training days	Rate of pay per day (R – c)
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
										0	0	R -

Declared by Contractor or Vendor to be true and correct:	Name		Signature	
	Date			

Received by Employer's Agent / Representative:	Name		Signature	
	Date			

Annexure C - Pro Forma Performance Security/ Guarantee

Not Applicable

Annexure D - Pro Forma Advance Payment Guarantee

Not Applicable

Approved Financial Institution as at 13 August 2025:

1.1 National Banks

ABSA Bank Limited
Firstrand Bank
Limited Investec
Bank Limited
Nedbank Limited
Standard Bank of South Africa Limited

1.2 International Banks (with branches in South

Africa) Barclays Bank PLC
Citibank NA
Credit Agricole Corporate and Investment
Bank HSBC Bank PLC
JPMorgan Chase
Bank Societe
Generale Standard
Chartered Bank

1.3 Insurance Companies

American International Group Inc
(AIG) Bryte Insurance Company
Limited Coface SA
Compass Insurance Company Limited
Credit Guarantee Insurance Corporation of Africa Limited
Guardrisk Insurance Company Limited
Hollard Insurance Company
Limited Infiniti Insurance Limited
Lombard Insurance Company Limited
Old Mutual Alternative Risk Transfer Insure Limited (OMART
Insure) New National Assurance Company Limited
PSG Konsult Ltd (previously Absa Insurance)
Regent Insurance Company Limited
Renasa Insurance Company
Limited Santam Limited

Annexure F - Tender Returnable Documents

Schedule F.1: Contract Price Adjustment

1. TENDER CONDITIONS

1.1 The Contract Price Adjustment (CPA) mechanism and/or provisions relating to Rate of Exchange (RoE) Variation, contained in this schedule is compulsory and binding on all Tenderers/Suppliers and this schedule (the parts relevant to the particular tender) must be completed by all Tenderers / Suppliers.

1.2 Tenderers/Suppliers are not permitted to amend, vary, alter or delete this schedule or any part thereof unless otherwise stated in this schedule.

1.3 Tenderers are not permitted to offer fixed and firm prices except as provided for in the Price Schedule.

2. CPA PROVISIONS SELECTION

2.1 The prices stipulated on the Price Schedule are subject to adjustment as set out below.

2.2 Tenderer to indicate the specific CPA and/or RoE provisions applicable to their bid by marking the relevant checkboxes below. Tenderers to note that the CPA and/or RoE provisions are not exclusive and multiple CPA Types can exist if the bid contains both local and foreign exchange based pricing. In such cases the CPA and/or ROE provision applies only to that particular portion of the tendered price.

2.3 The CPA and/or RoE provisions applicable to this tender and resulting contract are to be indicated below by checking the relevant boxes (with multiple selections only where indicated permissible):

	Indicate option	CPA Type	Period	Refer to Section
A	N/A	**FIRM PRICES** as per Pricing Schedule	Annual	*Pricing Schedule C.4 and Schedule F.1 (A)*
		LOCAL (RSA) TENDER CONTENT:		
		EITHER		
B		SEIFSA Index based CPA	Quarterly	*Schedule F.1 (B)*
		OR		
C		Pricelist / Quotation Based CPA	Ad-Hoc	*Schedule F.1 (C)*
		OR		
D	N/A	STATS SA CPI Index Based CPA	Annually	*Schedule F.1 (D)*
		OR/AND		
E	N/A	Sectorial Determination 1:Contract Cleaning Sector	Annually	*Schedule F.1 (E)*
		OR		
E	N/A	Sectorial Determination 6: Private Security Sector	Annually	*Schedule F.1 (E)*
		IMPORTED GOODS AND / OR COMPONENTS (IF APPLICABLE		
F		ROE based CPA	Ad-Hoc	*Schedule F.1 (F)*
		AND (IF REQUIRED), EITHER		
G		Pricelist / Quotation based CPA	Ad-Hoc	*Schedule F.1 (G)*
		OR		
H	N/A	Overseas CPI / PPI index based CPA	Ad-Hoc / Periodic	*Schedule F.1 (H)*

2.4 CPA and/or RoE provisions marked as **not applicable** is not relevant and will not apply to this tender and resulting contract.

3. CONTRACT CPA APPLICATIONS AND ADMINISTRATION

3.1 Any claim for variation in the contract price (either CPA or RoE adjustments) must be submitted in writing:

i. By letter to: Director Energy, City of Cape Town,
P O Box 655, Cape Town, 8000 or
ii. By email to: EAMCPA.Request@capetown.gov.za **and the Contract Manager**

at least 14 days prior to the month upon which the adjustment would become effective in the case of prices being set in advance, and as soon as relevant indices are available and no later than 60 days after the date of delivery of goods or the completion of the project (i.e. date of issue of the Taking-Over Certificate, if applicable) in the case of adjustments being claimed retrospectively for Goods or Services. The latter case is only applicable where specifically provided for in the CPA provisions.

3.2 When submitting a request for CPA and/or RoE adjustment the Supplier shall indicate the Rand Value claimed for each item listed on C.4 - Price Schedule, clearly indicating the item number as per C.4 - Price Schedule. Percentage increases will not be considered. A mere notification of a request for CPA without stating the new price claimed for each item shall, for the purpose of this clause, not be regarded as a valid request.

3.3 The CCT reserves the right to request the Supplier to submit auditor's certificates or such other documentary proof as it may require in order to verify a claim for CPA or RoE adjustments. Price adjustments will not be processed until such time as the Supplier submits such auditor's certificates or other documentary proof to the CCT. Should the Supplier fail to submit the auditor's certificates or other documentary proof to the CCT within 30 days from the written request, it shall be presumed that the Supplier has abandoned his request.

3.4 The CCT reserves the right to withhold payment of any claim for adjustment while only provisional figures are available and until such time as the final (revised) figures are issued by the relevant authority.

3.5 The CCT will confirm in writing once processing of the CPA or RoE adjustments have been completed including the effective date of the adjustments.

3.6 Where pricelist-based and other non-index based CPA requests are investigated and found to be not reasonable and market related, the CCT reserves the right to reject such requests. Where disputes arise with respect to such rejected requests the CCT reserves the right to procure the Goods from other available Suppliers until such time as the dispute is resolved.

3.7 Unless indicated otherwise in the relevant schedule below, all Purchase Orders issued on or after the effective date of the adjustment shall be issued at, and the Goods or Services supplied, invoiced and paid for at the adjusted prices. The relevant adjustment will not be applied to Purchase Orders issued prior to the effective date.

F.1 (A) – FIRM PRICES

NOT APPLICABLE

F.1 (B) LOCAL SOUTH AFRICAN CONTENT – SEIFSA INDICES

1. Tenderers/Suppliers that are manufacturers of the tendered goods and that indicate CPA provision above based on SEIFSA Indices shall comply with the conditions specified below and shall complete Table F.1 (B).1: SEIFSA Base Material and Labour Prices in full.

2. Material, labour and / or road freight price variation shall be calculated based upon the SEIFSA base material, labour and / or road freight prices / indices and the price proportions indicated by the Tenderer/Supplier for the Goods tendered, as detailed in Table F.1 (B).1: SEIFSA Base Material and Labour Prices.

3. For items that are also subject to RoE and / or Overseas Pricelist / Quotation based CPA, the SEIFSA index based CPA **shall apply only to the South African Content portion**.

4. A minimum of 10% of the **South African Content portion of** the tender price shall be fixed and free of variation for the duration of the contract.

5. The contract price per item shall be adjusted **quarterly** in advance of placement of orders, and the adjusted contract price shall be applicable for purchase orders placed during the following full calendar month.

6. Fluctuations in the prices of raw materials, labour and road freight will be acceptable for the item price in C.4 Price Schedule, CPA calculations.

7. The base month for CPA calculations shall be the calendar month prior to the month of the closing date for tenders, and SEIFSA indices published in this month shall be used.

8. Adjusted contract prices per item shall be calculated based upon the SEIFSA indices published in the calendar month of application for the amended item contract prices.

9. Material and labour price variation shall be calculated based upon the SEIFSA base material and labour indices and the stipulated price proportions as detailed in Table F.1 (B).1.

10. The process to be followed by Tenderers/Suppliers for claims for CPA in terms of SEIFSA shall be as follows:

    a) The Tenderers/Suppliers shall approach the CCT in writing during the week following the third Friday of each of **February, May, August and November** month with an application for the adjustment of the contract prices in C.4 Price Schedule and the amended prices to be applicable to the contract during the following **three months.**

    b) The application shall be based upon the SEIFSA indices published during the calendar month of application (those published on the Monday following the third Friday of the month and detailing the latest available indices) and shall detail the proposed adjusted unit prices for the Items and include detailed calculations indicating how the adjusted unit prices per item have been established.

    c) Calculations of the CPA shall use the original tendered unit rates, the base indices, the indices published in the calendar month of application and the SEIFSA formula and shall contain no other factors or adjustments.

    d) The CCT will check and approve the proposed unit prices for the following month prior to the last day of the month of application. The CCT will notify the Tenderers/Suppliers in writing of approval of the proposed prices.

    e) All purchase orders for the contracted Items issued during a quarter shall be issued, invoiced and paid at the contract unit prices approved for that quarter and no further SEIFSA based contract price adjustment claims will be considered, irrespective of the actual quarter of delivery and whether or not deliveries were subject to any manufacturing or delivery delays.

    f) The required delivery dates for orders placed by the Employer for the contracted Items will be determined based upon the date of issue of the purchase order and the contract delivery period. Delays in the delivery of the Items for orders placed by the CCT shall not entitle the Tenderers /Suppliers to any amendment of the approved contract price adjustment applicable to that order.

    g) Failure by the Tenderers/Suppliers to submit claims for CPA within the timeframes detailed above will result in the unit rates for the items concerned being determined by the CCT in accordance with the published SEIFSA indices. The CCT however reserves the right in such a case not to amend the unit rates for the item if it is not to the CCT's advantage.

h) The successful Tenderers/Suppliers shall immediately upon notification of commencement date of contract (or date of issue of first PO) submit written application for approval of adjustment to the contract prices in C.4 Price Schedule that shall be applicable during the first quarter of the contract. This application will be assessed in accordance with the process laid out above in order to determine approved contract prices for the first quarter of the contract.

i) Failure to submit such application within two working weeks of commencement of contract shall result in the tendered unit prices in C.4 Price Schedule being applied for orders placed during the first quarter of the contract.

j) Application for CPA thereafter shall follow the process detailed above.

TABLE F.1 (B).1: SEIFSA BASE MATERIAL AND LABOUR PRICES

Where Tender prices are subject to adjustment the prices quoted shall be subject to price variation based upon the SEIFSA base prices or indices for materials and labour detailed below.

For the purposes of this tender the **base month** shall be **November 2026, the month prior to the original tender closing date.**

ITEM	DESCRIPTION	SEIFSA Table No:	Base Month Price / Index:
OTHER :			
OTHER :			
OTHER :			
OTHER :			
OTHER :			
OTHER :			
OTHER :			
OTHER :			
LABOUR			

TENDERER/SUPPLIER TO NOTE:

a) This Schedule is only applicable if the Tenderer/Supplier is the Manufacturer of the Goods

b) A Minimum of 10% of the tendered local South African price must remain fixed.

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
1.1	Underground straight-through joint, cast iron, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.										
1.2	Underground straight-through joint, cast iron, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified										
1.3	Underground straight-through joint, cast iron, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified										
1a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session										
1a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
1a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session										
1b1	Container of roll sheets and impregnated tapes – size 1001										
1b2	Container of roll sheets and impregnated tapes – size 1002										
1b3	Container of roll sheets and impregnated tapes – size 1003										
1b4	Hot melt compound – 1kg container										
2.1	Underground straight-through joint, silicone-filled, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.										
2.2	Underground straight-through joint, silicone-filled, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
2.3	Underground straight-through joint, silicone-filled, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified										
2a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session										
2a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session										
2a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session										
2b1	Polyurethane-resin for polypropylene outer shell – 1kg container										
2b2	Fluid silicone for polyester inner joint – 1kg container										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
3.1	Underground straight-through joint, heat shrink, complete, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified.										
3.2	Underground straight-through joint, heat shrink, complete, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified										
3.3	Underground straight-through joint, heat shrink, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified										
3.4	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified.										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
3.5	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified										
3.6	Underground straight-through joint, heat shrink, complete, with torque-shear ferrules, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV XLPE cable, as specified										
3.7	Underground straight-through transition joint, heat shrink, complete, with torque-shear ferrules, suitable for transition from 150 mm² screened copper conductor, 3-core 11 kV XLPE to 185 mm² screened copper conductor, 3-core 11 kV PILC cable, as specified										
3a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
3a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session										
3a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session										
3b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length.										
3b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length.										
3b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length.										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
4.1	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.2	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.3	Indoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit										
4.4	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
4.5	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit										
4.6	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.7	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit										
4.8	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
4.9	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit										
4.10	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.11	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.12	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, excluding lugs and mechanical earthing kit										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
4.13	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.14	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, excluding lugs and mechanical earthing kit										
4.15	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.16	Indoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
4.17	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.18	Indoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.19	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
4.20	Indoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, excluding lugs										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
4a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session										
4a2b	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session										
4a3c	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session										
4b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 16mm² to 35mm² screened 3-core 11kV PILC cable, 1 tube of correct length for 800 mm tail.										
4b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
4b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 800 mm tail										
4b4	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.										
5.1	Outdoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
5.2	Outdoor termination, heat shrink, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
5.3	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
5.4	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit										
5.5	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
5.6	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, excluding lugs and mechanical earthing kit										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
5.7	Outdoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
5.8	Outdoor termination, heat shrink, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
5.9	Outdoor termination, heat shrink, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs										
5.10	Outdoor termination, heat shrink, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 1200mm tails, complete as specified, including mechanical earthing kit, excluding lugs										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
5a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session										
5a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session										
5a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session										
5b1	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 16mm² to 35mm² screened 3-core 11kV PILC cable, 1 tube of correct length for 1200 mm tail.										
5b2	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
5b3	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.										
5b4	Heat shrink clear oil barrier tubing (1200 mm) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 1200 mm tail.										
6.1	Indoor termination, heat shrink, fully screened, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
6.2	Indoor termination, heat shrink, fully screened, suitable for use on 16mm² to 35mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
6.3	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
6.4	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
6.5	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
6.6	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
6.7	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
6.8	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV PILC cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
6a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session										
6a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session										
6a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session										
6b1	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 16mm² to 35mm² screened PILC cable, 1 tube of correct length for 800 mm tail.										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
6b2	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 50 mm² screened aluminium conductor, 35 mm² or 25 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.										
6b3	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 120 mm² screened aluminium conductor, or 95 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.										
6b4	Heat shrink clear oil barrier tubing (long) (Terminations for PILC cable). for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 1 tube of correct length for 800 mm tail.										
7.1	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
7.2	Indoor termination, heat shrink, fully screened, suitable for use on 50mm² to 95mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
7.3	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
7.4	Indoor termination, heat shrink, fully screened, suitable for use on 120mm² to 185mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
7.5	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 650mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
7.6	Indoor termination, heat shrink, fully screened, suitable for use on 185mm² to 300mm² screened 3-core 11kV XLPE cable with 800mm tails, complete as specified, including mechanical earthing kit, torque-shear lugs and SSC										
7a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session										
7a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session										
7a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
8.1	Bushing Boot, 12kV concertina boot, suitable for use on 35 mm² to 300 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.										
8.2	Bushing Boot, 12kV unscreened separable connector, right angled, suitable for use on 25 mm² to 300 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.										
8.3	Bushing Boot, 24kV unscreened separable connector, right angled, suitable for use on 25 mm² to 70 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.										
8.4	Bushing Boot, 24kV unscreened separable connector, right angled, suitable for use on 95 mm² to 150 mm², 3-core, sector shaped, screened 11 kV PILC cable, set of three, complete, as specified.										
8a1	Awareness Training – information sessions for 100 users at Bloemhof Auditorium, per session										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
8a2	Supervisor Training – training of 40 technical supervisory personnel, testing and certification, per session										
8a3	Hands-on Certified Capability Training – training of 8 jointers on 4 joints, assessment and certification, per session										
9.1	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 25 mm² to 70 mm², 3-core, round shaped Al / Cu, screened 11 kV PILC cable, as specified.										
9.2	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 50 mm² to 95 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.										
9.3	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 95 mm² to 185 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.										
9.4	Lug, Mechanical torque-shear lug, 16mm palm, suitable for use on 185 mm² to 300 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.										

TABLE F.1 (B). (Cont'd): SEIFSA BASE MATERIAL AND LABOUR PRICES

Item No.	Particulars of Item in C.4 Pricing Schedule	Material								Labour	Fixed Portion of Tender Price **(Min 10%)** (%)
		The percentage contribution of the specific materials to the total price per item are as follows:-								Proportion of Item Price Attributed to Labour Cost (%)	
		OTHER (AS ABOVE	**OTHER (AS ABOVE**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**	**OTHER (AS ABOVE)**		
		Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)	Proportion of Item Price (%)		
9.5	Ferrule, Mechanical torque-shear ferrule, suitable for use on 25 mm² to 70 mm², 3-core, round shaped Al / Cu, screened 11 kV PILC cable, as specified.										
9.6	Ferrule, Mechanical torque-shear ferrule, suitable for use on 50 mm² to 95 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.										
9.7	Ferrule, Mechanical torque-shear ferrule, suitable for use on 95 mm² to 185 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.										
9.8	Ferrule, Mechanical torque-shear ferrule, suitable for use on 185 mm² to 300 mm², 3-core, sector shaped Al / Cu, screened 11 kV PILC cable, as specified.										

F.1 (C) LOCAL SOUTH AFRICAN CONTENT - SUPPLIER/ MANUFACTURER PRICE LIST/QUOTATIONS

1. Tenderers /Suppliers that are not the manufacturer or original supplier of the tendered goods and whose tender prices are based on the price list/quotation of another company (manufacturer or other supplier) may apply Supplier / Manufacturer Pricelist / Quotation based CPA.

2. In such cases the Tenderer is required to submit with his tender or within 7 days of request a copy of the original Supplier / Manufacturer Pricelist / Quotation upon which his tender prices are based. Such pricelist / Quotation is required to be on the Letterhead of the Supplier / Manufacture, is to be dated, referenced and signed, and is to provide clear reference to the tender number and is required to clearly reference each item quoted to the respective Tender Item Number indicated in C.4 Price Schedule.

3. The tenderer shall further confirm the Manufacturer / supplier, Quotation date and reference number and applicable tender Items by completing Table F.1(C).1 below.

Table F.1(C).1: Price Schedule information for Manufacturers/Suppliers Price List(s)/Quotation

	Price List Information		
Manufacturer/ Supplier Name	**Price List/Quotation Date.**	**Price List/Quotation Reference Number**	**Pricelist applicable to Items as per C.4 Price Schedule**

4. During the contract period, the Tenderer (now Supplier) must submit the request for price adjustment based on increases in pricelists of manufacturers/suppliers prior to the effective date of the increase in the pricelist.

5. The effective date of any price adjustment granted will be the first day of the month following the month during which the fully substantiated application for contract price adjustment is submitted or, by agreement between the Tenderer/Supplier and the CCT, a subsequent date on which the price adjustment will become effective.

6. In instances where the Supplier's price adjustment claimed is less than entitled, the lesser price will be accepted.

7. Purchase orders placed prior to the effective date of any price increase shall be placed at the previously agreed price, not the claimed adjusted price.

8. Only the difference in source supplier / manufacturer pricelist (actual cost, not percentage) may be adjusted and under no circumstances may the Tenderer/Supplier increase their profit margin.

9. The Tenderer/Supplier shall, when submitting claims for contract price adjustment, submit all of the documentation indicated below a minimum of two weeks prior to the effective date of the **quarterly** contract price adjustment (**February, May, August and November** month) applicable for the next three months:

    a) Copies of price lists upon which original tender prices were based (refer to clause 2, Table F.1(C).1 above) clearly indicating the item(s) according to C.4 Price Schedule.

b) The new price list (*from the same Supplier / Manufacturer as originally tendered)* on the relevant manufacturer/suppliers letterhead (with pamphlets, brochures and e-mail communication) clearly indicating the item(s) according to C.4 Price Schedule.

c) Detailed calculations indicating how the "adjusted" price was calculated. The calculations must be submitted in Excel, together with a signed, "PDF" version of the Excel spreadsheet. The example below – Table F.1(C).2, is what is required.

d) A covering letter on the Supplier's letterhead requesting the CPA with the effective date of the claim.

10. The CCT will consider the request and either refer the request back for correction or additional information or approve the request.

11. The CCT will assess such pricelist based CPA claims against market pricing and indices and other input pricing indicators and will only approve such claims that are confirmed to be reasonable and market related with reference to the source pricing information provided with the tender and with the CPA application

12. Approval of the CPA request including confirmation of the effective date, will be communicated to the Supplier in writing together with a list of the approved adjusted rates. The effective date will be as per clause 3 above.

13. The successful Tenderer/Supplier shall immediately upon notification of the commencement date of contract submit written application for approval of any adjusted unit prices for the Goods that may have been notified by the Supplier / Manufacturer of the Goods, together with the required supporting documentation. This application will be assessed in accordance with the process laid out above in order to determine approved contract prices at the commencement of the contract.

14. Failure to submit such application within two working weeks of commencement of contract shall result in the tendered unit prices being applied for initial orders placed following commencement of the contract.

15. In the event of a Supplier changing their Supplier / Manufacturer during the tenure of the contract, no request for price variations will be considered unless the Supplier has obtained prior approval from the City for the change of Supplier / Manufacturer. Such approval shall include technical approval by the Engineer of the goods supplied by the replacement Supplier / Manufacturer. Technical approval by the Engineer shall be a prerequisite for any change of Supplier / Manufacturer.

Table F.1(C).2 – Pro Forma Table for Adjustments in price where the Supplier is not the Manufacturer)

C.4 Price Schedule Item No.	Original Tender Price	Previous and New Price List Information					
		Manufacturer/ Supplier	Material no.	Price as per previous Manufacturer/ Supplier Price List (Excl. Vat) Price List Date:_____	Price as per new Supplier/ Manufacturer Price List (Excl. Vat) Price List Date:_____	Difference between the previous and new manufacturer Price list	New Contract Price (Excl. VAT)
	(A)			(B)	(C)	(C)-(B) (D)	(A)+(D)
1.1							
1.2							
1.3							
1a1							
1a2							
1a3							
1b1							
1b2							

1b3							
1b4							
2.1							
2.2							
2.3							
2a1							
2a2							
2a3							
2b1							
2b2							
3.1							
3.2							
3.3							
3.4							
3.5							
3.6							
3.7							
3a1							
3a2							
3a3							
3b1							
3b2							
3b3							
4.1							
4.2							
4.3							
4.4							
4.5							
4.6							
4.7							
4.8							
4.9							
4.10							
4.11							
4.12							
4.13							
4.14							
4.15							
4.16							

4.17							
4.18							
4.19							
4.20							
4a1							
4a2b							
4a3c							
4b1							
4b2							
4b3							
4b4							
5.1							
5.2							
5.3							
5.4							
5.5							
5.6							
5.7							
5.8							
5.9							
5.10							
5a1							
5a2							
5a3							
5b1							
5b2							
5b3							
5b4							
6.1							
6.2							
6.3							
6.4							
6.5							
6.6							
6.7							
6.8							
6a1							
6a2							
6a3							

6b1							
6b2							
6b3							
6b4							
7.1							
7.2							
7.3							
7.4							
7.5							
7.6							
7a1							
7a2							
7a3							
8.1							
8.2							
8.3							
8.4							
8a1							
8a2							
8a3							
9.1							
9.2							
9.3							
9.4							
9.5							
9.6							
9.7							
9.8							

**When submitting the first request for price adjustment, use the tender price as per C.4 Price Schedule.*

F.1 (D) LOCAL SOUTH AFRICAN CONTENT - STATS SA CONSUMER PRICE INDEX

NOT APPLICABLE

F.1. (E) LOCAL SOUTH AFRICAN CONTENT – SECTORIAL DETERMINATION

NOT APPLICABLE

F.1. (F) GOODS AND/OR COMPONENTS IMPORTED FROM OUTSIDE OF SOUTH AFRICA RATE OF EXCHANGE PRICE VARIATIONS

1. Subject to the above, when tendered prices of certain items in C.4 Price Schedule are subject to adjustment for changes in the cost of goods and/or components imported from outside of South Africa, the Tenderer must (as part of the bid submission) provide a list of such items and other information as required in Table F.1 (F).2 below and include it in the bid submission.

2. Only tenderers who are the direct importer of the goods may claim rate of exchange price variations.

Table F.1 (F).1: Information required for prices subject to Rate of Exchange adjustments

Exchange Rate on which tender is based:	_____1 : Rand _____
Exchange Rate on which tender is based: (if more than one currency)	_____1 : Rand _____
Exchange Rate on which tender is based: (if more than one currency)	_____1 : Rand _____
Name of Bank	
Date of quoted rate of exchange	
Documentation relevant to calculation of adjustments based on Rate of Exchange (Mark with "x")	
Bill of Lading	
Waybill	
Customs invoice	
Other: _____	

7 TABLE F.1 (F).2: Price Basis for Imported Resources

C.4 Price Schedule Detail		Rand Value Calculation for Foreign Content (FOB)			Customs Surcharge		Customs Duty			Rand Value for South African Content (FOR)	Total Tender Price in Rand of (C) + (D) + (E) + (F) included in Price Schedule C.4 (G)
C.4 Price Schedule Item No.	Description of Resources	Value in Foreign Currency denomination (A)	Rate of Exchange as at Base Date* (B)	Value in Rand for Foreign currency content (A) x (B) (C)	%	Rand (D)	%	Rand (E)	Customs Duty Tariff Reference	Value in Rand for South African Content (F)	
1.1											
1.2											
1.3											
1a1											
1a2											
1a3											
1b1											
1b2											
1b3											
1b4											
2.1											
2.2											
2.3											
2a1											
2a2											
2a3											
2b1											

2b2											
3.1											
3.2											
3.3											
3.4											
3.5											
3.6											
3.7											
3a1											
3a2											
3a3											
3b1											
3b2											
3b3											
4.1											
4.2											
4.3											
4.4											
4.5											
4.6											
4.7											
4.8											
4.9											
4.10											
4.11											
4.12											
4.13											
4.14											
4.15											
4.16											
4.17											
4.18											
4.19											
4.20											
4a1											
4a2b											
4a3c											
4b1											
4b2											
4b3											
4b4											
5.1											
5.2											
5.3											
5.4											
5.5											
5.6											
5.7											
5.8											
5.9											

5.10											
5a1											
5a2											
5a3											
5b1											
5b2											
5b3											
5b4											
6.1											
6.2											
6.3											
6.4											
6.5											
6.6											
6.7											
6.8											
6a1											
6a2											
6a3											
6b1											
6b2											
6b3											
6b4											
7.1											
7.2											
7.3											
7.4											
7.5											
7.6											
7a1											
7a2											
7a3											
8.1											
8.2											
8.3											
8.4											
8a1											
8a2											
8a3											
9.1											
9.2											
9.3											
9.4											
9.5											
9.6											
9.7											
9.8											

** Base Date: 7 (seven) calendar days before tender closing.*

3. Any items/resources not inserted in Table F.1 (F).2 above, are deemed to be manufactured / supplied in South Africa and is not subject to adjustment in terms of variation in rate of exchange.

4. The price adjustment for variations in the cost of plant and materials imported from outside of South Africa shall be based on the information contained on the schedule titled “Price Basis for Imported Resources” (Table F.1 (F).2). The Rand value of goods and components comprising entirely or partly imported content that is inserted on the Table F.1(F).2 titled “Price Basis for Imported Resources” (column (G)) shall be the rate tendered in the Pricing Schedule C.4, and shall be the value in foreign currency (column (A)) converted to South African Rand (column (C)) by using the closing spot selling rate on the Base Date (seven calendar days before tender closing date) rounded to the second decimal place (column (B)), to which shall be added any Customs Surcharge and Customs Duty applicable at that date (columns (D) and (E)) and any South African manufactured or added content (column (F)). Any mark-up by the Tenderer or other costs not detailed above shall be entirely contained within the South African Content (Column (F)).

5. Column A of Table F.1 (F).2 shall detail the actual quotation for the imported Goods or components, and shall be substantiated by the original source quotation for such Goods or components. (Source quotation from foreign supplier/manufacturer, see Schedule F.1 (G), Table F.1 (G).1 below). No Supplier mark-up on the foreign currency value of such imported Goods or components is permissible. All Supplier mark-up shall be included in the South African content, Column F of Table F.1 (F).2 above.

6. Based on the evidence provided in Clause 5 above, the value in Rand inserted in column (C) on the schedule titled “Price Basis for Imported Resources” shall be recalculated using the forward cover rate obtained, and any increase or decrease in the Rand value defined in this clause shall be adjusted accordingly, subject to Clause 7 below.

7. The adjustments shall be calculated upon the value in foreign currency in the Supplier’s forward cover contract, provided that, should this value exceed the value in foreign currency inserted in column (A) of on the schedule titled “Price Basis for Imported Resources”, then the value in column (A) shall be used (or any adjusted value approved in accordance with Schedule F.1 (G) below).

8. Any increase or decrease in the Rand value between the amounts of Customs Surcharge and Customs Duty inserted in on the schedule titled “Price Basis for Imported Resources” and those amounts actually paid to the Customs and Excise Authorities, which are due to changes in the percentage rates applicable or to the foreign exchange rate used by the authorities, shall be adjusted accordingly.

9. The Tenderer shall state the Customs Duty Tariff Reference applicable to each item and the Supplier shall advise the CCT’s Agent of any changes which occur.

10. Suppliers shall take out Forward Cover covering the foreign exchange component of the cost of any imported portion of the Goods ordered on each purchase order issued by the Employer.

11. The process to be followed by Suppliers for claims for Rate of Exchange Variations shall be as follows:

    a) The Supplier shall within seven working days from the date of receipt of the purchase order arrange for cover or recovering forward by way of a contract with a bank which is an authorised foreign exchange dealer, the foreign exchange component of the cost of any imported goods and components inserted by the Tenderer on the scheduled titled “Price Basis for Imported Resources” (Table F.1 (F).2), and submit such Forward Cover quotation to the City for approval.

    b) Upon receipt of the quotation for Forward Cover from the bank, the Supplier must forward the quote ideally, within 15 minutes of receiving it from their banker to the CCT: EAMCPA.Request@capetown.gov.za **and the Contract Manager.** This is to ensure that the time difference from generation of the quotation for Forward Cover to finalising the Forward Cover with the Bank, is kept to a minimum due to the change in the exchange rate throughout the day.

    c) The Contract Manager will forward the quotation to the CCT Treasury Department immediately for their consideration and approval. The cut-off time for receipt of quotations for Forward Cover will be 14h00. It must be noted that if this deadline will not be achieved, it is recommended that the quotation process be undertaken on the following day which should fall within the 7 days of receipt of the purchase order.

    d) Only once the Forward Cover quotation rate has been approved by CCT Treasury Department, may the Supplier finalise the Forward Cover contract with their bank at the rate approved by the CCT

Treasury Department for that Purchase Order and forward a copy of the contract to the CCT via email: EAMCPA.Request@capetown.gov.za **and the Contract Manager.**

e) The Forward Cover quotation envisaged above shall have the CCT purchase order number and a Forward Cover Contract (FCC) Value Date that is directly based upon the required delivery date for the imported Goods or components necessary in order to meet the Contract Delivery Period. Future FCC Value Dates beyond the Contract Delivery Period shall not be acceptable.

12. On delivery of the goods to the City the Supplier shall submit the following documentation to the CCT via email: EAMCPA.Request@capetown.gov.za and Contract Manager**.** :

    a) The Bill of Lading/Waybill/Customs Invoice (clearly indicating the items as identified on the purchase order).
    b) Calculations detailing the difference in the rate of exchange at the time of entry and the date of tender. These shall be submitted on a covering letter.
    c) The invoice / credit note for the Rate of Exchange adjustment applicable to the specific order.

13. In exceptional circumstances, and subject to the Employer's explicit approval, Rate of Exchange variations on Goods or components that are imported in bulk in advance in fulfilment of the contract requirements or to create buffer stocks, but not specifically in response to specific purchase orders placed by the Employer in accordance with the contract, shall be based upon whichever of the following two methodologies is more advantageous to the Employer:

    a) Methodology 1: A spot quotation for the Forward Cover Contract rate for the imported portion of the Goods, based upon the FCC Value Date for the particular purchase order(s), as outlined in clause 11 above.

    b) Methodology 2: The actual Rate of Exchange cost variations incurred in fulfilment of the purchase order(s), fully substantiated by detailed Bills of Lading and Customs Invoice applicable to the particular Goods delivered. The applicable Rate of Exchange shall be the rate as defined on the Customs Invoice for the imported Goods.

    c) Determination of the more advantageous methodology shall be conducted and approved following delivery of the imported Goods or components to the Supplier but prior to delivery of the Goods to the Employer.

14. Approval of the process detailed in Clause 13 and sub-clauses above shall be on an order by order basis and application shall be submitted, with required supporting documents, immediately on receipt of the relevant purchase order(s).

F.1. (G) GOODS AND/OR COMPONENTS IMPORTED FROM OUTSIDE OF SOUTH AFRICA - MANUFACTURER/SUPPLIER PRICE/QUOTATION LIST

1. <u>Manufacturer's / Supplier's Pricelist / Quotation Based CPA – Imported Goods or Components:</u>

1.1 Tenderers with imported Goods or Components may claim contract price adjustment based on the overseas SUPPLIER'S / MANUFACTURER'S PRICE LISTS/ QUOTATION from the supplier or manufacturer of the tendered items.

1.2 In such cases the Tenderer is required to submit with his tender a copy of the original overseas Supplier / Manufacturer Pricelist / Quotation upon which his tender prices are based. Such pricelist / Quotation is required to be on the Letterhead of the Supplier / Manufacture, is to be dated, referenced and signed, and is to provide clear reference to the tender number or unambiguously indicate the relevant component.

1.3 The Tenderer is required to clearly reference each item quoted to the respective Tender Item Number indicated in C.4 Price Schedule by completing Table F.1 (G).1 below.

Table F.1 (G).1: Price Schedule information for Imported Goods or Components - Manufacturers/Suppliers Price List(s)/Quotation

	Price List Information		
Manufacturer/ Supplier Name	**Price List/Quotation Date.**	**Price List/Quotation Reference Number**	**Pricelist applicable to Items as per C.4 Price Schedule**

1.4 During the contract period, the Tenderer (now Supplier) must submit the request for price adjustment based on increases in pricelists of manufacturers/suppliers prior to the effective date of the increase in the pricelist.

1.5 The effective date of any price adjustment granted will be the first day of the month following the month during which the fully substantiated application for contract price adjustment is submitted or, by agreement between the Tenderer/Supplier and the CCT, a subsequent date on which the price adjustment will become effective.

1.6 In instances where the Supplier's price adjustment claimed is less than entitled, the lesser price will be accepted.

1.7 Only the difference in source supplier / manufacturer pricelist (actual cost, not percentage) may be adjusted and under no circumstances may the Tenderer/Supplier increase their profit margin.

1.8 The Tenderer/Supplier shall, when submitting claims for contract price adjustment, submit all of the documentation indicated below a minimum of two weeks prior to the effective date of the contract price adjustment:

a) Copies of price lists upon which original tender prices were based (refer to Clause 1.2, Table F.1 (G).1 above) clearly indicating the item(s) according to C.4 Price Schedule.

b) The new price list (*from the same Supplier / Manufacturer as originally tendered)* on the relevant manufacturer/suppliers letterhead (with pamphlets, brochures and e-mail communication) clearly indicating the item(s) according to C.4 Price Schedule.

c) Submit detailed calculations indicating how the "new" price is calculated. The calculations must be submitted in Excel, together with a signed, "PDF" version of the Excel spreadsheet. The example below – Table F.1(G).2, is what is required.

d) A covering letter on the Supplier's letterhead requesting the CPA with the effective date of the claim.

1.9 The CCT will consider the request and either refer the request back for correction or additional information or approve the request.

1.10 The CCT will assess such pricelist based CPA claims and will only approve such claims that are confirmed to be reasonable and market related with reference to the source pricing information provided with the tender and with the CPA application

1.11 Approval of the CPA request including confirmation of the effective date, will be communicated to the Supplier in writing. The effective date will be as per clause 1.3 above.

1.12 The successful Tenderer/Supplier shall immediately upon notification of the commencement date of contract submit written application for approval of any adjusted unit prices for the Goods that may have been notified by the Supplier / Manufacturer of the Goods, together with the required supporting documentation. This application will be assessed in accordance with the process laid out above in order to determine approved contract prices at the commencement of the contract.

1.13 Failure to submit such application within two working weeks of commencement of contract shall result in the tendered unit prices being applied for initial orders placed following commencement of the contract.

1.14 In the event of a Supplier changing their Supplier / Manufacturer during the tenure of the contract, no request for price variations will be considered unless the Supplier has obtained prior approval from the City for the change of Supplier / Manufacturer. Such approval shall include technical approval by the Engineer of the goods supplied by the replacement Supplier / Manufacturer. Technical approval by the Engineer shall be a prerequisite for any change of Supplier / Manufacturer.

Table F.1(G).2 – Pro Forma Table for Adjustments in price for Imported Goods or Components - Manufacturers/Suppliers Price List(s)/Quotation

C.4 Price Schedule Item No.	Original Tender Price	Manufacturer/ Supplier	Material no.	Previous and New Price List Information: Price as per previous Manufacturer/ Supplier Price List (Excl. Vat) Price List Date:_____	Price as per new Supplier/ Manufacturer Price List (Excl. Vat) Price List Date:_____	Difference between the previous and new manufacturer Price list	New Contract Price (Excl. VAT)
	(A)			(B)	(C)	(D)	(A)+(D)
1.1							
1.2							
1.3							
1a1							
1a2							
1a3							
1b1							
1b2							
1b3							
1b4							
2.1							

2.2
2.3
2a1
2a2
2a3
2b1
2b2
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3a1
3a2
3a3
3b1
3b2
3b3
4.1
4.2
4.3
4.4
4.5
4.6
4.7
4.8
4.9
4.10
4.11
4.12
4.13
4.14
4.15
4.16
4.17
4.18
4.19
4.20
4a1
4a2b
4a3c
4b1
4b2
4b3
4b4
5.1
5.2

5.3
5.4
5.5
5.6
5.7
5.8
5.9
5.10
5a1
5a2
5a3
5b1
5b2
5b3
5b4
6.1
6.2
6.3
6.4
6.5
6.6
6.7
6.8
6a1
6a2
6a3
6b1
6b2
6b3
6b4
7.1
7.2
7.3
7.4
7.5
7.6
7a1
7a2
7a3
8.1
8.2
8.3
8.4
8a1
8a2
8a3
9.1
9.2
9.3

9.4
9.5
9.6
9.7
9.8

OR

2. **Supplier Price List Variations for Suppliers Supplying Goods Imported by Another Party**

2.1 The Tenderers (now Supplier) that are not the director importer of the manufactured goods/components, and intend to purchase the goods from another supplier who in turn is importing the goods, may apply for Supplier / Manufacturer Pricelist / Quotation based CPA imported by a another Party.

2.2 In such cases the Tenderer is required to submit with his tender a copy of the original Supplier / Manufacturer Pricelist / Quotation upon which his tender prices are based. Such pricelist / Quotation is required to be on the Letterhead of the Supplier / Manufacture, is to be dated, referenced and signed, and is to provide clear reference to the tender number, exchange rate on which the quote is based and is required to clearly reference each item quoted to the respective Tender Item Number indicated in C.4 Price Schedule.

2.3 The tenderer shall further confirm the Manufacturer / supplier, Quotation date, exchange rate at date of quote and reference number and applicable tender Items by completing Table F.1(G).3 below.

Table F.1 (G).3: Price Schedule information for Imported Goods or Components, imported by Another Party Manufacturers/Suppliers Price List(s)/Quotation

	Price List Information			
Manufacturer/ Supplier Name	**Price List/Quotation Date.**	**Price List/Quotation Reference Number**	**Exchange Rate on which quote is based**	**Pricelist applicable to Items as per C.4 Price Schedule**
			_____1 : Rand _____	
			_____1 : Rand _____	
			_____1 : Rand _____	
			_____1 : Rand _____	

2.4 During the contract period, the Tenderer (now Supplier) must submit the request for price adjustment based on increases in pricelists of manufacturers/suppliers within seven calendar days of the date of the purchase order date.

2.5 The price adjustment claim will be fully substantiated and the approval will be limited to the relevant Purchase Order.

2.6 In instances where the Supplier's price adjustment claimed is less than entitled, the lesser price will be accepted.

2.7 Only the difference in source supplier / manufacturer pricelist (actual cost, not percentage) may be adjusted and under no circumstances may the Tenderer/Supplier increase their profit margin.

2.8 The Tenderer/Supplier shall, when submitting claims for contract price adjustment, submit all of the documentation indicated below a minimum of seven (7) days from date of purchase order:

a) Copies of price lists upon which original tender prices were based (refer to Clause 2.2, Table 2 above) clearly indicating the item(s) according to C.4 Price Schedule.

b) The new price list (*from the same Supplier / Manufacturer as originally tendered)* on the relevant manufacturer/suppliers letterhead (with pamphlets, brochures and e-mail communication) clearly indicating the item(s) according to C.4 Price Schedule.

c) Submit detailed calculations indicating how the “new” price is calculated.

d) A covering letter on the Supplier’s letterhead requesting the CPA with the effective date of the claim.

2.9 The CCT will consider the request and either refer the request back for correction or additional information or approve the request.

2.10 The CCT will assess such pricelist based CPA claims and will only approve such claims that are confirmed to be reasonable and market related with reference to the source pricing information provided with the tender and with the CPA application

2.11 Approval of the CPA request for the relevant Purchase Order (refer to clause 2.5 above), will be communicated to the Supplier in writing.

F.1. (H) GOODS AND/OR COMPONENTS IMPORTED FROM OUTSIDE OF SOUTH AFRICA - BASED ON FOREIGN INDICES

Not Applicable

Schedule F.2: Certificate of Authority for Partnerships/ Joint Ventures/ Consortiums

This schedule is to be completed if the tender is submitted by a partnership/joint venture/ consortium.

1. We, the undersigned, are submitting this tender offer as a partnership/ joint venture/ consortium and hereby authorize Mr/Ms _____, of the authorised entity _____, acting in the capacity of Lead Partner, to sign all documents in connection with the tender offer and any contract resulting from it on the partnership/joint venture/ consortium's behalf.

2. By signing this schedule the partners to the partnership/joint venture/ consortium:

   2.1 warrant that the tender submitted is in accordance with the main business and objectives of the partnership/joint venture/ consortium;

   2.2 agree that the CCT shall make all payments in terms of this Contract into the following bank account of the Lead Partner:

   Account Holder: _____
   Financial Institution: _____
   Branch Code: _____
   Account No.: _____

   2.3 agree that in the event that there is a change in the partnership/ joint venture/ consortium and/or should a dispute arise between the partnership/joint venture/ consortium partners, that the CCT shall continue to make any/all payments due and payable in terms of the Contract into the aforesaid bank account until such time as the CCT is presented with a Court Order or an original agreement (signed by each and every partner of the partnership/joint venture/ consortium) notifying the CCT of the details of the new bank account into which it is required to make payment.

   2.4 agree that they shall be jointly and severally liable to the CCT for the due and proper fulfilment by the successful tenderer/supplier of its obligations in terms of the Contract as well as any damages suffered by the CCT as a result of breach by the successful tenderer/supplier. The partnership/joint venture/ consortium partners hereby renounce the benefits of excussion and division.

SIGNED BY THE PARTNERS OF THE PARTNERSHIP/ JOINT VENTURE/ CONSORTIUM		
NAME OF FIRM	**ADDRESS**	**DULY AUTHORISED SIGNATORY**
Lead partner		Signature……..... Name…… Designation…….....
		Signature……..... Name…… Designation…….....
		Signature……..... Name…… Designation…….....
		Signature……..... Name…… Designation…….....

Note: A copy of the Joint Venture Agreement shall be appended to *List of Other Documents Attached by Tenderer Schedule.*

Schedule F.3: Declaration for Procurement above R10 million

If the value of the transaction is expected to exceed R10 million (VAT included) the tenderer shall complete the following questionnaire, attach the necessary documents and sign this schedule:

1. Are you by law required to prepare annual financial statements for auditing? (**Please mark with X**)

YES		NO	

If YES, submit audited annual financial statements:
(i) For the past three years, or
(ii) Since the date of establishment of the tenderer (if established during the past three years)
By attaching such audited financial statements to **List of Other Documents Attached by Tenderer Schedule.**

2. Do you have any outstanding undisputed commitments for municipal services towards the CCT or other municipality in respect of which payment is overdue for more than 30 (thirty) days? (**Please mark with X**)

YES		NO	

2.1 If NO, this serves to certify that the tenderer has no undisputed commitments for municipal services towards any municipality for more than three (3) (three) months in respect of which payment is overdue for more than 30 (thirty) days.
2.2 If YES, provide particulars:

3. Has any contract been awarded to you by an organ of state during the past five (5) years? (**Please mark with X**)

YES		NO	

If YES, insert particulars in the table below including particulars of any material non-compliance or dispute concerning the execution of such contract. Alternatively attach the particulars to **List of Other Documents Attached by Tenderer** schedule in the same format as the table below:

Organ of State	Contract Description	Contract Period	Non-compliance/dispute (if any)

4. Will any portion of the goods or services be sourced from outside the Republic, and if so, what portion and whether any portion of payment from the CCT is expected to be transferred out of the Republic? (**Please mark with X**)

YES		NO	

If YES, furnish particulars below

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

_____ _____

Signature
Print name: Date
On behalf of the tenderer (duly authorised)

Schedule F.4: Preference Points Claim Form In Terms Of the 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**

The applicable preference point system for this tender is the 90/10 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	90
SPECIFIC GOALS	10
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

The following definitions shall apply to this schedule:

(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

POINTS AWARDED FOR PRICE

THE 90/10 PREFERENCE POINT SYSTEMS

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

$$Ps = 90\left(1 - \frac{Pt - Pmin}{Pmin}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest 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 (SG) – Points Allocated and Claimed

Tenderers must indicate the preference points claimed for each specific goal applicable to them, for the purposes of this tender.

(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.

The specific goals allocated points in terms of this tender	To be Completed by the Organ of State	To be Completed by the Tenderer
	Number of points Allocated (90/10 system)	Number of points claimed (90/10 system)
Promotion of Micro and Small Enterprises	4	
Enterprise Supplier Development and Socio-Economic Development	3	
Skills Development OR Employee Share Scheme	3	

Table B2: Awards above R50 mil (VAT Inclusive)

#	Specific goals allocated points	Preference Points (90/10)
1	***Promotion of Micro and Small Enterprises*** *Micro with a turnover up to R20million and Small with a turnover up to R80 million as per National Small Enterprise Act, 1996 (Act No.102 of 1996)* *SME partnership, sub-contracting, joint venture or consortiums*	4
2	***Enterprise Supplier Development and Socio Economic Development*** *> 15% of total expenditure = 3 points* *> 10% up to 15% of total expenditure = 2 points* *>= 5% up to 10% of total expenditure = 1 points* *< 5% of total expenditure = 0 points*	3
3 3.1 3.2	***Skills Development OR Employee Share Scheme*** ***Skills Development*** *> 5% of total expenditure = 3 points* *> 3% up to 5% of total expenditure = 2 points* *>= 1% up to 3% of total expenditure = 1 points* *< 1% of total expenditure = 0 points* ***OR Employee Share Scheme*** *> 15% employee ownership = 3 points* *> 10% up to 15% employee ownership = 2 point* *>= 5% up to 10% employee ownership = 1 point* *< 5% employee ownership = 0 point*	3
	Total points	**10**

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 4.1 and 4.2, the Supplier 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 Supplier, 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 of Tenderer	*Date*	*Name and Surname*	*Address*

For official use.		
SIGNATURE OF CCT OFFICIALS AT TENDER OPENING		
1.	2.	3.

Table 2: Specific Goals – Declaration by the Tenderer

Tenderers must complete this table to declare the amounts and percentages applicable to the specific goals they are claiming.
NB: In completing Table 2 below, please consult **Notes for Verification** below

The specific goals allocated points in terms of this tender	To be Completed by the Tenderer	
	Refer to "Notes for verification"	**Amount Declared (excluding VAT)**
SG1 Promotion of Micro and Small Enterprises	(i) Total Turnover	
SG2 Enterprise Supplier Development and Socio Economic Development	(ii) Total Enterprise Supplier Development Expenditure	
	(iii) Total Socio Economic Development Expenditure	
	(iv) Total Expenditure	
SG3.1 Skills Development	(v) Total Skills Development Expenditure	
	(vi) Total expenditure	
OR **SG3.2** Employee Share Scheme	(vii) Employee Share Scheme Ownership %	

Tenderer Confirmation:
I confirm that the amounts declared in Table 2 above are accurate and in accordance with the *'The Broad-Based Black Economic Empowerment (B-BBEE) Act 53 of 2003, as amended. .*

Signature of Tenderer (Authorised to represent the tenderer)	**Date**	**Name and Surname**	**Address**

Notes for Verification:

All amounts disclosed should be as per the most recent Annual Financial Statements (not older than 12 months) and defined as per the B-BBEE Act

- SG1 – Specific Goal 1
  Promotion of Micro and Small Enterprises
  (i) Total Turnover
  Micro enterprises with a turnover of up to R20million and Small enterprises with a turnover up to R80 million, as per National Small Enterprise Act, 1996 (Act No.102 of 1996)

- SG2 – Specific Goal 2
  Enterprise Supplier Development and Socio-Economic Development
  (ii) Total Enterprise Supplier Development Expenditure
  Qualifying expenditure as defined in the B-BBEE Act: Statement 400 “THE GENERAL PRINCIPLES FOR MEASURING ENTERPRISE AND SUPPLIER DEVELOPMENT"

  (iii) Total Enterprise Socio Economic Development Expenditure
  Qualifying expenditure as defined in the B-BBEE Act: Statement 500 “THE GENERAL PRINCIPLES FOR MEASURING THE SOCIO - ECONOMIC DEVELOPMENT ELEMENT"

  (iv) Total Expenditure
  Total Expenditure as per the most recent Annual Financial Statements (not older than 12 months)

- SG3.1 – Specific Goal 3
  Skills Development
  (v) Total Skills Development Expenditure
  Qualifying expenditure as defined in the B-BBEE Act: Statement 300 “THE GENERAL PRINCIPLES FOR MEASURING SKILLS DEVELOPMENT"

  (vi) Total expenditure
  Total expenditure as per the most recent Annual Financial Statements (not older than 12 months)

- SG3.2 – Specific Goal 3
  Employee Share Scheme
  (vii) Employee Share Scheme Ownership %
  Total employee ownership as per employee share certificate at the date of tender closing.

The below table (Table 3) must be completed by a B-BBEE Verification Agency (*Note 1) **OR** Commissioner of Oaths
(Refer to *Note 3.2 for the detailed declaration):

Table 3:

Signature and Stamp	**Date**	**Name and Surname**	**Address**

Note 1

1.1 Tendering entity that undergoes B-BBEE verification

- Where a tendering entity undergoes B-BBEE verification, a B-BBEE certificate valid as at the date of tender closing, must be attached to the bid submission or must be made available upon request within the specified period.
- All amounts disclosed in Table 2, should be amounts used in the B-BBEE verification process undergone by the tendering entity
- The B-BBEE verification agency must complete Table 3 above, to confirm the following amounts disclosed by the bidder in Table 2:
  (ii) Total Enterprise Supplier Development Expenditure;
  (iii) Total Socio Economic Development Expenditure;
  (v) Total Skills Development Expenditure

- Where the tendering entity is a Joint Venture/ Consortium, the amounts in Table 2 must be consolidated, with an accompanying consolidated B-BBEE certificate valid as at the date of tender closing must be attached to the bid submission or must be made available upon request within the specified period.

1.2 If the tendering entity does not undergo B-BBEE verification and qualifies as a B-BBEE Qualifying Small Enterprise (QSE) and Exempted Micro-Enterprises (EME)

- Table 3 must be completed by a Commissioner of Oaths to confirm the following amounts disclosed by the bidder in Table 2:
  (ii) Total Enterprise Supplier Development Expenditure;
  (iii) Total Socio Economic Development Expenditure;
  (v) Total Skills Development Expenditure

Note 2

2.1 The tendering entity must attach with the bid submission or must be made available upon request within the specified period; the most recent (where applicable) audited financial statements to enable validation of the following amounts disclosed by the bidder in Table 2:
  (i) Total Turnover
  (iv) Total Expenditure
  (vi) Total expenditure

2.2 Companies who are required to be audited by legislation, must submit audited financial statements, not older than 12 months with the bid submission or must be made available upon request within the specified period.

Note 3

Sworn affidavit to be deposed by the Commissioner of Oaths to the QSE or EME.

I, the undersigned,

Full Name and Surname *(Authorised to represent the tenderer)*	
Identity Number	

Hereby declare under oath as follows

3.1 The contents of this statement are to the best of my knowledge a true reflection of facts.

3.2 I am a Member/ Director/ Owner of the following enterprise and am duly authorised to act on its behalf.

Enterprise Name:	
Trading Name (If Applicable):	
Registration Number:	
Enterprise Physical Address:	
Type of Entity (CC, Pty (Ltd), Sole Prop etc):	
Nature of Business:	

3.3 I hereby declare under oath that based on the Financial Statements / Management Accounts and information available on the latest financial year end _____

3.3.1 The annual Total Revenue was less than R50 000 000.00 (Fifty Million Rand);

3.3.2 The following amounts disclosed in Table 2 are accurate, complete, consistent with the BBBEE Act (see Notes for Verification) and based on the Financial Statements / Management Accounts and information available on the latest financial year end _____

As per Table 2	Amount Declared (excluding VAT)
(ii) Total Enterprise Supplier Development Expenditure	
(iii) Total Socio Economic Development Expenditure	
(iv) Total Expenditure	
(v) Total Skills Development Expenditure	

As per Table 2	Amount Declared (excluding VAT)
(vi) Total expenditure	
(vii) Employee Share Scheme Ownership %	

3.4 I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent I this matter.

3.5 The sworn affidavit will be valid for a period of 12 months from the date signed by the commissioner.

Commissioner of Oaths
Signature, Date and Stamp

Deponent Signature and Date

3.6 KEY NOTES OF DETERMINING VALIDITY OF SWORN AFFIDAVITS

BBBEE Certificates/ Sworn Affidavits	Returnable for declaration requirement must be attached with the bid submission or must be made available upon request within the specified period - Certified and Valid copy of BBBEE Certificate issued by a SANAS Accredited Verification Agent, or - Certified and Valid copy of Sworn Affidavit for either EME or QSE (see key notes below to determine Validity of a Sworn Affidavit); or - Valid copy of BBBEE Certificate issued by CIPC for EME's only **KEY NOTES OF DETERMINING VALIDITY OF SWORN AFFIDAVITS** **Tenderers submitting Sworn Affidavits must ensure that the affidavits meet the following key pointers to ensure their validity:** (a) Name/s of deponent as they appear in the identity document and the identity number. (b) Designation of the deponent as the Director/ Member must be indicated in order to know that person is duly authorised to depose of an affidavit **(mark the applicable option).** (c) Name of enterprise as per enterprise registration documents issued by CIPC, where applicable, and enterprise business address. (d) Amounts as per Table 2 must be inserted **(No blank spaces to be left).** (e) Indicate total revenue for the year under review and whether it is based on audited financial statements or management accounts **(mark the applicable option).** (f) Financial year end as per the enterprise's registration documents, which was used to determine the total revenue (financial year end to be stipulated by day/ month/ year). (g) Date deponent signed and date of Commissioner of Oath must be the same. (The sworn affidavit must be signed in the presence of the Commissioner of Oath. Furthermore the Commissioner must also sign ad stamp). (h) Commissioner of Oath cannot be an employee or ex officio of the enterprise because, a person cannot by law, commission a sworn affidavit in which they have an interest. If the relevant documentation/ information as stipulated in the enquiry is not submitted and/or does not meet the above requirements; tenderers will be disqualified.

Schedule F.5: Declaration of Interest – State Employees (MBD 4 amended)

1. No bid will be accepted from:
   1.1 persons in the service of the state[1], or
   1.2 if the person is not a natural person, of which any director, manager or principal shareholder or stakeholder is in the service of the state, or
   1.3 from persons, or entities of which any director, manager or principal shareholder or stakeholder, has been in the service of the City of Cape Town (CCT) during the previous twelve (12) months, or
   1.4 from an entity who has employed a former CCT employee who was at a level of T14 of higher at the time of leaving the CCT's employ and involved in any of the CCT's bid committees for the bid submitted, if:
      1.4.1 the CCT employee left the CCT's employment voluntarily, during the previous twelve (12) months;
   1.5 a person who was a CCT employee, or an entity that employs a CCT employee, if
      1.5.1 the CCT employee left the CCT's employment whilst under investigation for alleged misconduct, or
      1.5.2 was facing disciplinary action or potential disciplinary action by the CCT, or
      1.5.3 was involved in a dispute against the CCT during the previous thirty six (36) months.

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 tenderer or their authorised representative declare their position in relation to the evaluating/adjudicating authority.

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

   3.1 Full Name of tenderer or his or her representative: _____

   3.2 Identity Number: _____

   3.3 Position occupied in the Company (director, trustee, shareholder[2]): _____

   3.4 Company or Close Corporation Registration Number: _____

   3.5 Tax Reference Number: _____

   3.6 VAT Registration Number: _____

   3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

   3.8 Are you presently in the service of the state? **YES / NO**
      3.8.1 If yes, furnish particulars: _____

   3.9 Have you been in the service of the state for the past twelve months? **YES / NO**
      3.9.1 If yes, furnish particulars: _____

   3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
      3.10.1 If yes, furnish particulars: _____

   3.11 Are you, aware of any relationship (family, friend, other) between any other tenderer and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
      3.11.1 If yes, furnish particulars: _____

   3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**
      3.12.1 If yes, furnish particulars: _____

3.13 Are any spouse, child or parent of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**
3.13.1 If yes, furnish particulars: _____

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract? **YES / NO**
3.14.1 If yes, furnish particulars: _____

3.15 Have you, or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company been in the service of the CCT in the past twelve months? **YES / NO**
3.15.1 If yes, furnish particulars: _____

3.16 Do you have any employees who was in the service of the CCT at a level of T14 or higher at the time they left the employ of the CCT, and who was involved in any of the CCT's bid committees for this bid? **YES / NO**
3.16.1 If yes, furnish particulars: _____

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

Full Name	Identity Number	State Employee Number

If the above table does not sufficient to provide the details of all directors / trustees / shareholders, please append full details to the tender submission.

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

_____ _____

Signature
Print name: Date
On behalf of the tenderer (duly authorised)

[1]MSCM Regulations: "in the service of the state" means to be –
(a) a member of –
(i) any municipal council;
(ii) any provincial legislature; or
(iii) the national Assembly or the national Council of provinces;

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

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

Schedule F.6: Conflict of Interest Declaration

1. The tenderer shall declare whether it has any conflict of interest in the transaction for which the tender is submitted. (**Please mark with X**)

YES		NO	

1.1 If yes, the tenderer is required to set out the particulars in the table below:

2. The tenderer shall declare whether it has directly or through a representative or intermediary promised, offered or granted:

2.1 Any inducement or reward to the CCT for or in connection with the award of this contract; or

2.2 Any reward, gift, favour or hospitality to any official or any other role player involved in the implementation of the supply chain management policy. (**Please mark with X**)

YES		NO	

If yes, the tenderer is required to set out the particulars in the table below:

Should the tenderer be aware of any corrupt or fraudulent transactions relating to the procurement process of the CCT, please contact the following:

The CCT's anti-corruption hotline at 0800 32 31 30 (toll free)

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

_____ _____

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.7: Declaration of Tenderer's Past Supply Chain Management Practices (MBD 8)

Where the entity tendering is a partnership/joint venture/consortium, each party to the partnership/joint venture/consortium must sign a declaration in terms of the Municipal Finance Management Act, Act 56 0f 2003, and attach it to this schedule.

1 The tender offer of any tenderer may be rejected if that tenderer or any of its directors/members have:

a) abused the municipality's / municipal entity's supply chain management system or committed any fraudulent 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) or Database of Restricted Suppliers.

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

Item	Question	Yes	No
2.1	**Is the tenderer or any of its directors/members listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?** (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the *audi alteram partem* rule was applied). **The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.**	Yes ☐	No ☐
2.1.1	If so, furnish particulars:		
2.2	Is the tenderer or any of its directors/members 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) or Database of Restricted Suppliers? **The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.**	Yes ☐	No ☐
2.2.1	If so, furnish particulars:		
2.3	Was the tenderer or any of its directors/members convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☐
2.3.1	If so, furnish particulars:		

Item	Question	Yes	No
2.4	Does the tenderer or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes ☐	No ☐
2.4.1	If so, furnish particulars:		
2.5	Was any contract between the tenderer and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☐
2.5.1	If so, furnish particulars:		

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract,, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

_____ _____

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.8: Authorisation for the Deduction of Outstanding Amounts Owed to the CCT

To: THE CITY MANAGER, City of Cape Town

From: _____
(Name of tenderer)

RE: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CCT

The tenderer:

a) hereby acknowledges that according to SCM Regulation 38(1)(d)(i) the City Manager may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the tenderer (or any of its directors/members/partners) to the CCT, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months; and
b) therefore hereby agrees and authorises the CCT to deduct the full amount outstanding by the Tenderer or any of its directors/members/partners from any payment due to the tenderer; and
c) confirms the information as set out in the tables below for the purpose of giving effect to b) above;

Physical Business address(es) of the tenderer	Municipal Account number(s)	Inside the CCT municipal boundary (Yes/No)

If there is not enough space for all the names, please attach the information to **List of other documents attached by tenderer** schedule in the same format:

Name of Director / Member / Partner	Identity Number	Physical residential address of Director / Member / Partner	Municipal Account number(s)	Inside the CCT municipal boundary (Yes/No)

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

_____ _____
Signature Date
Print name:
On behalf of the tenderer (duly authorised)

Schedule F.9: Certificate of Independent Tender Determination

I, the undersigned, in submitting this tender number 123G/2026/27 and tender description **Manufacture, Supply, Delivery and Off-Loading of Accessories for Medium Voltage Power Cables** in response to the tender invitation made by THE CCT, do hereby make the following statements, which I certify to be true and complete in every respect:

I certify, on behalf of: _____ (Name of tenderer) that:

1. I have read and I understand the contents of this Certificate;

2. I understand that this tender will be disqualified if this Certificate is found not to be true and complete in every respect;

3. I am authorised by the tenderer to sign this Certificate, and to submit this tender, on behalf of the tenderer;

4. Each person whose signature appears on this tender has been authorised by the tenderer to determine the terms of, and to sign, the tender on behalf of the tenderer;

5. For the purposes of this Certificate and this tender, I understand that the word 'competitor' shall include any individual or organisation other than the tenderer, whether or not affiliated with the tenderer, who:
   (a) has been requested to submit a tender in response to this tender invitation;
   (b) could potentially submit a tender in response to this tender invitation, based on their qualifications, abilities or experience; and
   (c) provides the same goods and services as the tenderer and/or is in the same line of business as the tenderer.

6. The tenderer has arrived at this tender independently from and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium[1] will not be construed as collusive price quoting.

7. In particular, without limiting the generality of paragraphs 5 and 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 tender;
   (e) the submission of a tender which does not meet the specifications and conditions of the tender; or
   (f) tendering with the intention not to win the contract.

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 tender invitation relates.

9. The terms of this tender have not been and will not be disclosed by the tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening or of the awarding of the contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to tenders and contracts, tenders 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, Act 89 of 1998, and/o/r 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 10 (ten) years in terms of the Prevention and Combating of Corrupt Activities Act, Act 12 of 2004, or any other applicable legislation.

_____ _____

Signature
Print name: Date
On behalf of the tenderer (duly authorised)

([1] Consortium: 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.)

Schedule F.10: Proposed Deviations and Qualifications By Tenderer

The Tenderer should record any **proposed** deviations or qualifications they may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such proposed deviations and qualifications in a covering letter attached to his tender and reference such letter in this schedule. Any proposed deviations or qualifications contained in a covering letter which is not referenced in this schedule will not be considered.

The Tenderer's attention is drawn to clause 2.3.7.2 of the Standard Conditions of Tender referenced in the Tender Data regarding the CCT's handling of material deviations and qualifications.

If no deviations or qualifications are proposed, the schedule hereunder is to be marked NIL and signed by the Tenderer.

PAGE	CLAUSE OR ITEM	PROPOSED DEVIATION OR QUALIFICATION

List relevant documentation attached in Schedule F.10 below.

_____ _____

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.11: List of Other Documents Attached By Tenderer

The tenderer has attached to this schedule, the following additional documentation:		
	Date of Document	**Title of Document or Description (refer to clauses / schedules of this tender document where applicable)**
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		

Attach additional pages if more space is required.

_____ _____

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.12: Record of Addenda to Tender Documents

We confirm that the following communications received from the CCT before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:		
	Date	**Title or Details**
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
Attach additional pages if more space is required.		

_____ _____

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.13: Information to Be Provided with the Tender

The following information shall be provided with the Tender:

1. The various technical details and data required by the specification including Technical Data Sheets and information required in the Returnable Schedules.

a) Schedule F.13A – **Schedule of Technical Data**
b) Schedule F.13B – **Departures from the Requirements of the Specification**
c) With reference to **Section 15 of the Technical Specification (Tender Particulars)** the following are to be attached to the tender document (or on request) as annexures and fill in the complete details of each attachment in **Schedule F.11: List of Other Documents Attached by Tenderer**:
    a. Technical particulars per item including Installation Instructions and detailed Bills of Materials
    b. Details of Original Equipment Manufacturers of the type tested accessories
    c. Schedule of/ Referenced Type Tests per Item offered and copies of Type Test certificate cover sheets
    d. All other returnables required in terms of the Tender Particulars in the Technical Specification but not specifically mentioned above.

_____ _____

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.13A: Schedule of Technical Data

	Description	Specified Requirement	Equipment Offered		
1. Cast Iron Straight Through Joints - Parameters			**Item 1.1**	**Item 1.2**	**Item 1.3**
1.1	Manufacturer - Cast Iron Shells	-			
1.2	Manufacturer - Lead Sleeve	-			
1.3	Manufacturer – Compound	-			
1.4	Manufacturer - Impregnated Tapes	-			
1.5	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable?	Yes			
1.6	Conductor Size range mm^2	See detailed Specification			
1.7	AC withstand voltage kV	28			
1.8	Impulse (Peak) withstand voltage kV	95			
1.9	Thermal short-circuit (earth fault) rating:				
	Fault rating kA	SANS 1332 (Detail actual value)			
	Rated duration s	1			
1.10	Straight through joints fully Type Tested?	Refer to detail specification			
1.11	Schedule of Type Tests provided?	Yes			
1.12	Sample Installation Instructions included with Tender?	Yes			
1.13	Shelf life - Hot melt compound	-			
1.14	Shelf life - Impregnated tapes (sealed tin)	-			
1.15	Shelf life - Other components	-			
1.16	Kit **Assembler**:				
1.16a	Place of **Assembly**				
1.17	**Assembler** SANS/ISO 9001 or alternative accredited?	Yes			
1.17b	**Assembler** Accreditation No:	-			

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered					
		Item 1.1		Item 1.2		Item 1.3	
1. Cast Iron Straight Through Joints - Bills of Materials		**Specified**	**Offered**	**Specified**	**Offered**	**Specified**	**Offered**
1.18	Cast iron shell	Size 1001		Size 1002		Size 1003	
1.19	Lead sleeve	1 x 538 x 82 mm dia		1 x 630 x 108 mm dia		1 x 725 x 197 mm dia	
1.20	Hot melt compound	2		2		3	
	What is the total volume of hot melt compound supplied? (refer to Clause 5.2.2.3 in Specification)						
1.21	Lead Bushes	4 x J & 4 x K		4 x E & 4 x F		4 x G & 4 x H	
1.22	Porcelain or epoxy resin, y-shaped, open type core separators (5 mm radius rounded edges)	Size 1001		Size 1002		Size 1003	
1.23	Container of roll sheets and impregnated tapes containing:	1		1		1	
1.24	- Rolls of impregnated paper insulation binder "roll sheet"	3 x 2,5m x 150mm		3 x 3,5m x 150mm		3 x 4,5m x 180mm	
1.25	- Rolls of 100% impregnated cotton tapes	7 x 1,5m x 12mm		7 x 1,5m x 12mm		7 x 1,5m x 12mm	
1.26	- Rolls of impregnated linen tape	11 x 2m x 25mm		11 x 2m x 25mm		11 x 2m x 25mm	
1.27	- Linen thread	1 x 10m		1 x 10m		1 x 10m	
1.28	- Wooden dowel	8,5cm x 6mm		8,5cm x 6mm		8,5cm x 6mm	
1.29	Roll of lead strip	1 x 2m x 38mm		1 x 2,6m x 63mm		1 x 2,6m x 63mm	
1.30	Roll of lead strip	1 x 2m x 25mm		1 x 2m x 25mm		1 x 2m x 25mm	
1.31	Rolls of 12 gauge lead wire	3 x 2,5m x 12 gauge		3 x 2,5m x 12 gauge		3 x 2,5m x 12 gauge	
1.32	500 g stick S5 (SANS mark & CoCT imprint) plumbing metal	5 x 500g		6 x 500g		7 x 500g	
1.33	Roll black PVC tape	1		1		1	
1.34	Rolls Scotch N24 copper mesh tape	1		2		2	
1.35	Bill of material and Installation Instruction	1		1		1	
1.36	Additional (Please add as required):						

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Specified Requirement	Equipment Offered		
2. Silicone-filled Straight Through Joints - Parameters			**Item 2.1**	**Item 2.2**	**Item 2.3**
2.1	Manufacturer	-			
2.2	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable?	Yes			
2.3	Conductor Size range mm^2	See detailed Specification			
2.4	Torque shear ferrules included?	Yes			
2.5	AC withstand voltage kV	28			
2.6	Impulse (Peak) withstand voltage kV	95			
2.7	Thermal short-circuit (earth fault) rating:				
	Fault rating kA	SANS 1332 (Detail actual value)			
	Rated duration s	1			
2.8	Straight through joints fully Type Tested?	Yes			
2.9	Schedule of Type Tests provided?	Yes			
2.10	Sample Installation Instructions included with Tender?	Yes			
2.11	Shelf life - Silicone compound	-			
2.12	Shelf life - Polyurethane resin	-			
2.13	Shelf life - Other components	-			
2.14	Kit **Assembler**:				
2.14a	Place of **Assembly**				
2.15	**Assembler** SANS/ISO 9001 or alternative accredited?	Yes			
2.15a	**Assembler** Accreditation No:	-			

Schedule F.13A: Schedule of Technical Data (Cont'd)								
	Description (To be filled in by Tenderer)	Equipment Offered (Tenderer to detail actual description, size and quantity)						
		Item 2.1		Item 2.2		Item 2.3		
2. Silicone-Filled Straight Through Joints - Bills of Materials		**Size**	**Quantity**	**Size**	**Quantity**	**Size**	**Quantity**	
	Tenderer to detail the BOM in full below:	-	-	-	-	-	-	
2.16								
2.17								
2.18								
2.19								
2.20								
2.21								
2.22								
2.23								
2.24								
2.25								
2.26								
2.27								
2.28								
2.29								
2.30								
2.31								
2.32								
2.33								
2.34								
2.35								
2.36								

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Specified Requirement	Equipment Offered						
3. Heat Shrink Straight Through & Transition Joints – Parameters			**Item 3.1**	**Item 3.2**	**Item 3.3**	**Item 3.4**	**Item 3.5**	**Item 3.6**	**Item 3.7**
3.1	Manufacturer	-							
3.2	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable to SANS 97 (Wet)?	Yes				-	-	-	
3.3	Suitable for 3c Al/Cu XLPE PVC SWA PVC 11kV cable to SANS 1339 Type A?	Yes	-	-	-				
3.4	Conductor Size range mm^2	See detailed Specification							
3.5	Torque shear ferrules included?	No / YES	No	No	No	No	No	No	YES
3.6	Torque shear ferrule make / model								
3.7	Torque shear ferrule conductor size range								
3.8	AC withstand voltage kV	28							
3.9	Impulse (Peak) withstand voltage kV	95							
3.10	Thermal short-circuit (earth fault) rating:								
	Fault rating kA	SANS 1332 (Detail actual value)							
	Rated duration s	1							
3.11	Straight through joints fully Type Tested?	Yes							
3.12	Schedule of Type Tests provided?	Yes							
3.13	Sample Installation Instructions included with Tender?	Yes							
3.14	Shelf life - Complete kit	-							
3.15	Shelf life limiting component	-							
3.16	Kit **Assembler**:								
3.16a	Place of **Assembly**								
3.17	**Assembler** SANS/ISO 9001 or alternative accredited?	Yes							
3.17a	**Assembler** Accreditation No:	-							

Schedule F.13A: Schedule of Technical Data (Cont'd)										
	Description	Expected kit contents		Equipment Offered (Detail Actual Quantity and Description / Size)						
		Items 3.1-4 & 7	Items 3.4-7	Item 3.1	Item 3.2	Item 3.3	Item 3.4	Item 3.5	Item 3.6	Item 3.7
3. Heat Shrink Straight Through & Transition Joints – BOMs										
3.18	Cable Preparation Kit	1	1							
3.19	Armour Bedding Ring	-	2	-	-	-				
3.20	Yellow Stress Control Mastic	6	6							
3.21	Oil Barrier Tubing (long)	3	-				-	-	-	
3.22	Oil Barrier Tubing (short)	3	-				-	-	-	
3.23	Stress Control Tube	-	6	-	-	-				
3.24	Ferrule Insulating Tubing	3	3							
3.25	Joint Bedding Tubing	1	1							
3.26	Joint Outer Tubing	2	2							
3.27	Yellow Void Filler Mastic Tape	3	3							
3.28	Stress wedge	2	-				-	-	-	
3.29	Core Separator Profile	1	1							
3.30	Core Filler Profiles	4	3							
3.31	Black Mastic Filler Tape	2	2							
3.32	Black Mastic Sealant Tape	2	2							
3.33	Silicone Grease	1	-				-	-	-	
3.34	Tinned Copper Main Earth Braid	1	-				-	-	-	
3.35	Tinned Copper Braid Wrap	2	-				-	-	-	
3.36	Tinned Copper Mesh Tape	-	3	-	-	-				
3.37	Tinned Copper Secondary Earth Braid	-	3	-	-	-				
3.38	Constant Force Roll Springs	4	-				-	-	-	
3.39	Galvanised Screening Mesh	1	1							
3.40	Constant Force Springs (Cores)	-	6	-	-	-				

Schedule F.13A: Schedule of Technical Data (Cont'd)										
	Description	Expected kit contents		Equipment Offered (Detail Actual Quantity and Description / Size)						
		Items 3.1-4 & 7	Items 3.4-7	Item 3.1	Item 3.2	Item 3.3	Item 3.4	Item 3.5	Item 3.6	Item 3.7
3.41	Constant Force Springs / Worm Drive Clamps (Main earth)	-	2	-	-	-				
3.42	Constant Force Springs / Hose Clamps (Galvanised Mesh)	-	2	-	-	-				
3.43	Torque-shear Ferrules	-	3	-	-	-				
3.44	Insulation Tape	1	1							
3.45	Installation Instruction	1	1							
3.46	Additional components included by Manufacturer (Full details to be provided):	-	-							
3.47										
3.48										
3.49										
3.50										
3.51										
3.52										

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered							
4. Indoor Terminations, (PILC): Parameters		**Item 4.1**	**Item 4.2**	**Item 4.3**	**Item 4.4**	**Item 4.5**	**Item 4.6**	**Item 4.7**	
4.1	Manufacturer								
4.2	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable to SANS 97 (Wet)?								
4.3	Conductor size range: Specified mm^2	16 - 35	16 - 35	16 - 35	50 - 95	50 - 95	50 - 95	50 - 95	
4.4	Conductor size range: Offered mm^2								
4.5	Termination tail length: Specified mm	650	800	800	650	650	800	800	
4.6	Termination tail length: Offered mm								
4.7	Mechanical earthing kit required?	Yes	Yes	No	Yes	No	Yes	No	
	Mechanical earthing kit included?			-		-		-	
4.8	Torque shear lugs required?	No	No	No	No	No	No	No	
4.9	AC withstand voltage (28kV)								
4.10	Impulse (Peak) withstand voltage (95kV)								
4.11	Thermal short-circuit (earth fault) rating:								
	Fault rating kA								
	Rated duration s								
4.12	Anti-track tubing Tracking Index								
4.13	Terminations fully Type Tested?								
4.14	Schedule of Type Tests provided?								
4.15	Sample Installation Instructions included with Tender?								
4.16	Shelf life - Complete kit Months								
4.17	Kit **Assembler**:								
4.17a	Place of **Assembly**								
4.18	**Assembler** SANS/ISO 9001 or alternative accredited?								
4.18a	**Assembler** Accreditation No:								

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered (Detail Actual Quantity and Description / Size)							
4. Indoor Terminations, (PILC): BOMs		**Item 4.1**	**Item 4.2**	**Item 4.3**	**Item 4.4**	**Item 4.5**	**Item 4.6**	**Item 4.7**	
4.19	Heat shrink clear oil barrier tubing								
4.20	Heat shrink conductive tubing for cable screen								
4.21	Void filling stress relieving mastic / tape for screen cut								
4.22	Heat shrink stress control tubing								
4.23	Profiled wedge for cable crutch								
4.24	Void filling and profiling mastic / tape for breakout boot								
4.25	Heat shrink conductive breakout boot								
4.26	Void filling mastic / tape for lug barrel base								
4.27	Heat shrink high voltage anti-track tubing								
4.28	Further binders and tapes as required								
4.29	Installation Instruction								
4.30	Additional components included by Manufacturer (Provide full details)								
4.31	**Mechanical Earthing Kit:**			---		---		---	
4.32	Water blocked main earth braid								
.33	Tinned copper mesh and constant force roll spring for lead sheath								
4.34	Constant force roll spring for connection to armour								
4.35	Adjustable stainless steel bedding bush / ring for SWA armour (XLPE)								
4.36	Water blocking sealant tape for cable outer sheath								
4.37	Tinned water blocked copper braid and constant force springs for earth connection to each tail (XLPE)								
4.38	Insulating heat shrink cover tubing								
4.39	Further components, binders and tapes as required								

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered							
4. Indoor Terminations, (PILC): Parameters		**Item 4.8**	**Item 4.9**	**Item 4.10**	**Item 4.11**	**Item 4.12**	**Item 4.13**	**Item 4.14**	
4.1	Manufacturer								
4.2	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable to SANS 97 (Wet)?								
4.3	Conductor size range: Specified mm^2	120 - 185	120 - 185	180 - 185	185 - 300	185 - 300	185 - 300	185 - 300	
4.4	Conductor size range: Offered mm^2								
4.5	Termination tail length: Specified mm	650	650	800	650	650	800	800	
4.6	Termination tail length: Offered mm								
4.7	Mechanical earthing kit required?	Yes	No	Yes	Yes	No	Yes	No	
	Mechanical earthing kit included?		---			---		---	
4.8	Torque shear lugs required?	No	No	No	No	No	No	No	
4.9	AC withstand voltage (28kV)								
4.10	Impulse (Peak) withstand voltage (95kV)								
4.11	Thermal short-circuit (earth fault) rating:								
	Fault rating kA								
	Rated duration s								
4.12	Anti-track tubing Tracking Index								
4.13	Terminations fully Type Tested?								
4.14	Schedule of Type Tests provided?								
4.15	Sample Installation Instructions included with Tender?								
4.16	Shelf life - Complete kit Months								
4.17	Kit **Assembler**:								
4.17a	Place of **Assembly**								
4.18	**Assembler** SANS/ISO 9001 or alternative accredited?								
4.18a	**Assembler** Accreditation No:								

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered (Detail Actual Quantity and Description / Size)							
4. Indoor Terminations, (PILC): BOMs		**Item 4.8**	**Item 4.9**	**Item 4.10**	**Item 4.11**	**Item 4.12**	**Item 4.13**	**Item 4.14**	
4.19	Heat shrink clear oil barrier tubing								
4.20	Heat shrink conductive tubing for cable screen								
4.21	Void filling stress relieving mastic / tape for screen cut								
4.22	Heat shrink stress control tubing								
4.23	Profiled wedge for cable crutch								
4.24	Void filling and profiling mastic / tape for breakout boot								
4.25	Heat shrink conductive breakout boot								
4.26	Void filling mastic / tape for lug barrel base								
4.27	Heat shrink high voltage anti-track tubing								
4.28	Further binders and tapes as required								
4.29	Installation Instruction								
4.30	Additional components included by Manufacturer (Provide full details)								
4.31	**Mechanical Earthing Kit:**		---			---		---	
4.32	Water blocked main earth braid								
4.33	Tinned copper mesh and constant force roll spring for lead sheath								
4.34	Constant force roll spring for connection to armour								
4.35	Adjustable stainless steel bedding bush / ring for SWA armour (XLPE)								
4.36	Water blocking sealant tape for cable outer sheath								
4.37	Tinned water blocked copper braid and constant force springs for earth connection to each tail (XLPE)								
4.38	Insulating heat shrink cover tubing								
4.39	Further components, binders and tapes as required								

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered					
4b. Indoor Terminations, (XLPE): Parameters		**Item 4.15**	**Item 4.16**	**Item 4.17**	**Item 4.18**	**Item 4.19**	**Item 4.20**
4b.1	Manufacturer						
4b.2	Suitable for 3c Al/Cu XLPE PVC SWA PVC 11kV cable to SANS 1339 Type A?						
4b.3	Conductor size range: Specified mm^2	50 - 95	50 – 95	120 - 185	120 - 185	185 – 300	185 – 300
4b.4	Conductor size range: Offered mm^2						
4b.5	Termination tail length: Specified mm	650	800	650	800	650	800
	Termination tail length: Offered mm						
4b.6	Mechanical earthing kit required?	Yes	Yes	Yes	Yes	Yes	Yes
	Mechanical earthing kit included?						
4b.7	Torque shear lugs required?	No	No	No	No	No	No
4b.8	AC withstand voltage (28kV)						
4b.9	Impulse (Peak) withstand voltage (95kV)						
4b.10	Thermal short-circuit Fault rating kA						
	Thermal short-circuit Rated duration s						
4b.11	Anti-track tubing Tracking Index						
4b.12	Terminations fully Type Tested?						
4b.13	Schedule of Type Tests provided?						
4b.14	Sample Installation Instructions with Tender?						
4b.15	Shelf life - Complete kit Months						
4b.17	Kit **Assembler**:						
4b.17a	Place of **Assembly**						
4b.18	**Assembler** SANS/ISO 9001 or alternative accredited?						
4b.18a	**Assembler** Accreditation No:						

Schedule F.13A: Schedule of Technical Data (Cont'd)							
	Description	**Equipment Offered (Detail Actual Quantity and Description / Size)**					
4b. Indoor Terminations, (XLPE): BOMs		**Item 4.15**	**Item 4.16**	**Item 4.17**	**Item 4.18**	**Item 4.19**	**Item 4.20**
4b.19	Heat shrink cable and earthing cover sleeve						
4b.20	Void filling stress relieving mastic / tape for screen cut						
4b.21	Heat shrink stress control tubing						
4b.22	Heat shrink conductive breakout boot						
4b.23	Void filling mastic / tape for lug barrel base						
4b.24	Heat shrink high voltage anti-track tubing						
4b.25	Further binders and tapes as required						
4b.26	Installation Instruction						
4b.27	Additional components included by Manufacturer (Provide full details)						
4b.28	**Mechanical Earthing Kit:**						
4b.29	Water blocked main earth braid						
4b.30	Constant force roll spring for connection to armour						
4b.31	Adjustable stainless steel bedding bush / ring for SWA armour						
4b.33	Water blocking sealant tape for cable outer sheath						
4b.34	Tinned water blocked copper braid and constant force springs for earth connection to each tail						
4b.35	Insulating heat shrink cover tubing						
4b.36	Further components, binders and tapes as required						

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered						
5. Outdoor Terminations, (PILC): Parameters		**Item 5.1**	**Item 5.2**	**Item 5.3**	**Item 5.4**	**Item 5.5**	**Item 5.6**	**Item 5.7**
5.1	Manufacturer							
5.2	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable to SANS 97 (Wet)?							
5.3	Conductor size range: Specified mm^2	16 - 35	16 - 35	50 - 95	50 - 95	120 - 185	120 - 185	185 – 300
5.4	Conductor size range: Offered mm^2							
5.5	Termination tail length: Specified mm	1200	1200	1200	1200	1200	1200	1200
5.6	Termination tail length: Offered mm							
5.7	Mechanical earthing kit required?	Yes	No	Yes	No	Yes	No	Yes
5.8	Mechanical earthing kit included?		-		-		-	
5.9	Torque shear lugs required?	No	No	No	No	No	No	No
5.10	AC withstand voltage (28kV)							
5.11	Impulse (Peak) withstand voltage (95kV)							
5.12	Thermal short-circuit (earth fault) rating:							
	Fault rating kA							
	Rated duration s							
5.13	Anti-track tubing Tracking Index							
5.14	Terminations fully Type Tested?							
5.15	Schedule of Type Tests provided?							
5.16	Sample Installation Instructions included with Tender?							
5.17	Shelf life - Complete kit Months							
5.18	Kit **Assembler**:							
5.18a	Place of **Assembly**							
5.19	**Assembler** SANS/ISO 9001 or alternative accredited?							
5.19a	**Assembler** Accreditation No:							

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered (Detail Actual Quantity and Description / Size)						
5. Outdoor Terminations, (PILC): BOMs		**Item 5.1**	**Item 5.2**	**Item 5.3**	**Item 5.4**	**Item 5.5**	**Item 5.6**	**Item 5.7**
5.20	Heat shrink clear oil barrier tubing							
5.21	Heat shrink conductive tubing for cable screen							
5.22	Void filling stress relieving mastic / tape for screen cut							
5.23	Heat shrink stress control tubing							
5.24	Profiled wedge for cable crutch							
5.25	Void filling and profiling mastic / tape for breakout boot							
5.26	Heat shrink conductive breakout boot							
5.27	Void filling mastic / tape for lug barrel base							
5.28	Heat shrink high voltage anti-track tubing							
5.29	Heat shrink anti-track rain sheds							
5.30	Further binders and tapes as required							
5.31	Installation Instruction							
5.32	Additional components included by Manufacturer (Provide full details)							
5.33	**Mechanical Earthing Kit:**		-		-		-	
5.34	Water blocked main earth braid		-		-		-	
5.35	Tinned copper mesh and constant force roll spring for lead sheath		-		-		-	
5.36	Constant force roll spring for connection to armour		-		-		-	
5.37	Adjustable stainless steel bedding bush / ring for SWA armour (XLPE)	-	-	-	-	-	-	-
5.38	Water blocking sealant tape for cable outer sheath		-		-		-	
5.39	Tinned water blocked copper braid and constant force springs for earth connection to each tail (XLPE)	-	-	-	-	-	-	-
5.40	Insulating heat shrink cover tubing		-		-		-	
5.41	Further components, binders and tapes as required							

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered			
5b Outdoor Terminations, (XLPE): Parameters		**Item 5.8**	**Item 5.9**	**Item 5.10**	
5b.1	Manufacturer				
5b.2	Suitable for 3c Al/Cu XLPE PVC SWA PVC 11kV cable to SANS 1339 Type A?				
5b.3	Conductor size range: Specified mm^2	50 - 95	120 - 185	185 – 300	
5b.4	Conductor size range: Offered mm^2				
5b.5	Indoor / Outdoor Termination	Outdoor	Outdoor	Outdoor	
5b.6	Termination tail length: Specified mm	1200	1200	1200	
	Termination tail length: Offered mm				
5b.7	Mechanical earthing kit required?	Yes	Yes	Yes	
	Mechanical earthing kit included?				
5b.8	Torque shear lugs required?	No	No	No	
5b.9	AC withstand voltage (28kV)				
5b.10	Impulse (Peak) withstand voltage (95kV)				
5b.11	Thermal short-circuit Fault rating kA				
	Thermal short-circuit Rated duration s				
5b.12	Anti-track tubing Tracking Index				
5b.13	Terminations fully Type Tested?				
5b.14	Schedule of Type Tests provided?				
5b.15	Sample Installation Instructions with Tender?				
5b.16	Shelf life - Complete kit Months				
5b.17	Kit **Assembler**:				
5b.17a	Place of **Assembly**				
5b.18	**Assembler** SANS/ISO 9001 or alternative accredited?				
5b.18a	**Assembler** Accreditation No:				

Schedule F.13A: Schedule of Technical Data (Cont'd)					
	Description	**Equipment Offered (Detail Actual Quantity and Description / Size)**			
5b Outdoor Terminations, (XLPE): BOMs		**Item 5.8**	**Item 5.9**	**Item 5.10**	
5b.19	Heat shrink cable and earthing cover sleeve				
5b.20	Void filling stress relieving mastic / tape for screen cut				
5b.21	Heat shrink stress control tubing				
5b.22	Heat shrink conductive breakout boot				
5b.23	Void filling mastic / tape for lug barrel base				
5b.24	Heat shrink high voltage anti-track tubing				
5b.25	Heat shrink anti-track rain sheds	-	-		
5b.26	Further binders and tapes as required				
5b.27	Installation Instruction				
5b.28	Additional components included by Manufacturer (Provide full details)				
5b.29	**Mechanical Earthing Kit:**				
5b.30	Water blocked main earth braid				
5b.31	Constant force roll spring for connection to armour				
5b.32	Adjustable stainless steel bedding bush / ring for SWA armour				
5b.33	Water blocking sealant tape for cable outer sheath				
5b.34	Tinned water blocked copper braid and constant force springs for earth connection to each tail				
5b.35	Insulating heat shrink cover tubing				
5b.36	Further components, binders and tapes as required				

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered							
6. Indoor Fully Screened Terminations, PILC Cable – Parameters		**Item 6.1**	**Item 6.2**	**Item 6.3**	**Item 6.4**	**Item 6.5**	**Item 6.6**	**Item 6.7**	**Item 6.8**
6.1	Manufacturer								
6.2	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable to SANS 97 (Wet)?								
6.3	Conductor size range: Specified mm^2	16 - 35	16 - 35	50 - 95	50 - 95	120 - 185	120 - 185	185 - 300	185 - 300
	Conductor size range: Offered mm^2								
6.4	Termination tail length: Specified mm	650	800	650	800	650	800	650	800
	Termination tail length: Offered mm								
6.5	Mechanical earthing kit required?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Mechanical earthing kit included?								
6.6	Screened Separable Connector included?								
6.7	Screened separable connector Make / Model								
6.8	Torque shear lugs required?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Torque shear lugs included as specified?								
	Torque shear lug make / model								
	Torque shear lug conductor size range								
6.9	AC withstand voltage (28kV)								
6.10	Impulse (Peak) withstand voltage (95kV)								
6.11	Thermal short-circuit Fault rating kA								
	Thermal short-circuit Rated duration s								
6.12	Terminations fully Type Tested?								
6.13	Schedule of Type Tests provided?								
6.14	Sample Installation Instructions with Tender?								
6.15	Shelf life - Complete kit Months								
6.16	Kit **Assembler**:								
6.16a	Place of **Assembly**								
6.17	**Assembler** SANS/ISO 9001 or alternative accredited?								
6.17a	**Assembler** Accreditation No:								

Schedule F.13A: Schedule of Technical Data (Cont'd)									
	Description	**Equipment Offered (Detail Actual Quantity and Description / Size)**							
6. Indoor Fully Screened Terminations, PILC Cable – BOMs		**Item 6.1**	**Item 6.2**	**Item 6.3**	**Item 6.4**	**Item 6.5**	**Item 6.6**	**Item 6.7**	**Item 6.8**
6.18	Heat shrink clear oil barrier tubing								
.19	Heat shrink conductive tubing for cable screen								
6.20	Void filling stress relieving mastic / tape for screen cut								
6.21	Profiled wedge for cable crutch								
6.22	Void filling and profiling mastic / tape for breakout boot								
6.23	Heat shrink conductive breakout boot								
6.24	Void filling mastic / tape for lug barrel base								
6.25	Range taking, torque-shear lugs suitable for the specified cable								
6.26	Preformed, correctly sized, stress control cable reducer per tail								
6.27	Right angled screened separable connectors (SSC)								
6.28	Further binders and tapes as required								
6.29	Installation Instruction								
6.30	Additional components included by Manufacturer (Provide full details)								
6.31	**Mechanical Earthing Kit:**								
6.32	Water blocked main earth braid								
6.33	Tinned copper mesh and constant force roll spring for lead sheath								
6.34	Tinned copper mesh and constant force spring for connection to armour								
6.35	Water blocking sealant tape for cable outer sheath								
6.36	Insulating heat shrink cover tubing								
6.37	Further components, binders and tapes as required								

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered					
7. Indoor Fully Screened Terminations, XLPE Cable: Parameters		**Item 7.1**	**Item 7.2**	**Item 7.3**	**Item 7.4**	**Item 7.5**	**Item 7.6**
7.1	Manufacturer						
7.2	Suitable for 3c Al/Cu XLPE PVC SWA PVC 11kV cable to SANS 1339 Type A?						
7.3	Conductor size range: Specified mm^2	50 - 95	50 - 95	120 - 185	120 - 185	185 -300	185 - 300
	Conductor size range: Offered mm^2						
7.4	Indoor / Outdoor Termination	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
7.5	Termination tail length: Specified mm	650	800	650	800	650	800
	Termination tail length: Offered mm						
7.6	Mechanical earthing kit required?	Yes	Yes	Yes	Yes	Yes	Yes
	Mechanical earthing kit included?						
7.7	Screened Separable Connector included?						
	Screened separable connector Make / Model						
7.8	Torque shear lugs required?	Yes	Yes	Yes	Yes	Yes	Yes
	Torque shear lugs included?	-	-	-	-	-	-
	Torque shear lug make / model	-	-	-	-	-	-
	Torque shear lug conductor size range	-	-	-	-	-	-
7.9	AC withstand voltage (28kV)						
7.10	Impulse (Peak) withstand voltage (95kV)						
7.11	Thermal short-circuit Fault rating kA						
	Thermal short-circuit Rated duration s						
7.12	Anti-track tubing Tracking Index						
7.13	Terminations fully Type Tested?						
7.14	Schedule of Type Tests provided?						
7.15	Sample Installation Instructions with Tender?						
7.16	Shelf life - Complete kit Months						
7.17	Kit **Assembler**:						
7.17a	Place of **Assembly**						
7.18	**Assembler** SANS/ISO 9001 or alternative accredited?						
7.18a	**Assembler** Accreditation No:						

	Schedule F.13A: Schedule of Technical Data (Cont'd)						
	Description	**Equipment Offered (Detail Actual Quantity and Description / Size)**					
7. Indoor Fully Screened Terminations, XLPE Cable: BOMs		**Item 7.1**	**Item 7.2**	**Item 7.3**	**Item 7.4**	**Item 7.5**	**Item 7.6**
7.19	Heat shrink cable and earthing cover sleeve						
7.20	Void filling stress relieving mastic / tape for screen cut						
7.21	Heat shrink stress control tubing						
7.22	Heat shrink conductive breakout boot						
7.23	Void filling mastic / tape for lug barrel base						
7.24	Heat shrink high voltage anti-track tubing						
7.25	Range taking, torque-shear lugs suitable for the specified cable						
7.26	Preformed, correctly sized, stress control cable reducer per tail						
7.27	Right angled screened separable connectors (SSC)						
7.28	Further binders and tapes as required						
7.29	Installation Instruction						
7.30	Additional components included by Manufacturer (Provide full details)						
7.31	**Mechanical Earthing Kit:**						
7.32	Water blocked main earth braid						
7.33	Constant force roll spring for connection to armour						
7.34	Adjustable stainless steel bedding bush / ring for SWA armour						
7.35	Water blocking sealant tape for cable outer sheath						
7.36	Tinned water blocked copper braid and constant force springs for earth connection to each tail						
7.37	Insulating heat shrink cover tubing						
7.38	Further components, binders and tapes as required						

Schedule F.13A: Schedule of Technical Data (Cont'd)						
	Description	**Equipment Offered**				
8. Bushing Boots (USCs) - Parameters		**Item 8.1**	**Item 8.2**	**Item 8.3**	**Item 8.4**	
		Concertina boot	**12kV USC**	**24kV USC**	**24kV USC**	
8.1	Manufacturer					
8.2	Make & Model					
8.3	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable to SANS 97 (Wet)?					
8.4	Suitable for outside-cone EN 50180 / EN 50181 400/630A Type C bushings with M16 x 2 bolted connections?					
8.5	Conductor size range:					
	- Specified mm^2	35 mm^2 - 300 mm^2	25 mm^2 - 300 mm^2	25 mm^2 - 70 mm^2	95 mm^2 - 150 mm^2	
	- Offered mm^2					
8.6	Voltage Rating					
	- Specified kV	12	12	24	24	
	- Offered kV					
8.7	AC withstand voltage (28kV)					
8.8	Impulse (Peak) withstand voltage (95kV)					
8.9	Bushing boot (USC) material					
8.10	Reducing stems included?					
	Reducing stem material					
	Reducing stem size					
8.11	Terminations fully Type Tested?					
8.12	Schedule of Type Tests provided?					
8.13	Sample Installation Instructions with Tender?					
8.14	Shelf life - Complete kit Months					
8.15	Product Manufacturer					
8.16	Place of manufacture					
8.17	Manufacturer SANS/ISO 9001 accredited?					
8.18	SANS / ISO 9001 Accreditation No					

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered				
9. Torque Shear Lugs - Parameters		**Item 9.1**	**Item 9.2**	**Item 9.3**	**Item 9.4**	
9.1						
9.2	Make & Model					
9.3	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable to SANS 97 (Wet)?					
9.4	Torque-shear lug suitable for 3-core round (Item 53) or for 3-core sector shaped (i.e.. 120° sector; Items 54–56) compacted conductor?	(Round)	(Sector)	(Sector)	(Sector)	
9.5	Cable size range: Specified mm^2	25 mm^2 - 70 mm^2	50 mm^2 - 95 mm^2	95 mm^2 - 185 mm^2	185 mm^2 - 300 mm^2	
	Cable size range: Offered mm^2					
9.6	Torque-shear lug dimensions:					
	- Length: Fixing hole centre - barrel end mm					
	- Outer diameter of lug barrel mm					
	- Inner diameter of lug barrel mm					
9.7	Torque-shear lug continuous load rating A					
9.8	Short time current rating kA					
	Short time current rated duration s					
9.9	Torque-shear lug bolt shearing torque Nm					
9.10	No of shear bolts per torque-shear lug					
9.11	Tool type required for bolt shearing					
9.12	Torque-shear lug palm hole size (dia) mm					
9.13	Torque-shear lug suitable for Cu & Al cond?					
9.14	Torque-shear lug barrel material					
9.15	Torque-shear lug fully Type Tested?					
9.16	Schedule of Type Tests provided?					
9.17	Sample Installation Instructions with Tender?					
9.18	Product Manufacturer					
9.19	Place of manufacture					
9.20	Manufacturer SANS/ISO 9001 accredited?					
9.21	SANS / ISO 9001 Accreditation No					

Schedule F.13A: Schedule of Technical Data (Cont'd)

	Description	Equipment Offered				
9b. Torque Shear Ferrules - Parameters		**Item 9.5**	**Item 9.6**	**Item 9.7**	**Item 9.8**	
9b.1	Manufacturer					
9b.2	Make & Model					
9b.3	Suitable for 3c Al/Cu PILE 2H DSTA 1R PVC 11kV cable to SANS 97 (Wet)?					
9b.4	Torque-shear ferrule suitable for 3-core round (Item 57) or for 3-core sector shaped (i.e.. 120° sector; Items 58–60) compacted conductor?	(Round)	(Sector)	(Sector)	(Sector)	
9b.5	Cable size range: Specified mm^2	25 mm^2 - 70 mm^2	50 mm^2 - 95 mm^2	95 mm^2 - 185 mm^2	185 mm^2 - 300 mm^2	
	Cable size range: Offered mm^2					
9b.6	Torque-shear ferrule dimensions:					
	- Length: Overall mm					
	- Outer diameter of ferrule barrel mm					
	- Inner diameter of ferrule barrel mm					
	- Thickness of ferrule centre barrier mm					
9b.7	Torque-shear ferrule continuous load rating A					
9b.8	Short time current rating kA					
	Short time current rated duration s					
9b.9	Torque-shear ferrule bolt shearing torque Nm					
9b.10	No of shear bolts per torque-shear ferrule					
9b.11	Tool type required for bolt shearing					
9b.12	Torque-shear ferrule suitable for Cu & Al con?					
9b.13	Torque-shear ferrule barrel material					
9b.14	Torque-shear ferrule fully Type Tested?					
9b.15	Schedule of Type Tests provided?					
9b.16	Sample Installation Instructions with Tender?					
9b.17	Product Manufacturer					
9b.18	Place of manufacture					
9b.19	Manufacturer SANS/ISO 9001 accredited?					
9b.20	SANS / ISO 9001 Accreditation No					

Schedule F.13B: Departures from the Requirements of the Specification (To be completed by Tenderer)

Clause	Departures from the requirements of this Specification with details of alternative proposals (departures will be evaluated in accordance with the Specification and clause 2.3.7.2 of the Conditions of Tender)

Note: If the above is insufficient the Tenderer shall complete the Schedule by affixing completed numbered copies of Schedule F.13B.

SIGNED ON BEHALF OF TENDERER: . . . . . .

Schedule F.14: Appeal Application

ANNEXURE 'A'

OFFICIAL RECEIPT (Valid only if printed by official cash receipting machine)	IRISITI ESESIKWENI (Isemthethweni kuphela xa ishicilelwe ngumatshini wokukhupa irisiti osesikweni.)	AMPTELIKE KWITANSIE (Geldig alleenlik indien deur amptelike kontantvangs masjien gedruk.)

GL DATA CAPTURE RECEIPT
(CASHIER TO RETAIN A COPY)

RECEIPT NO: _____

DATE: _____

SAP GL:

8	1	0	1	0	0

PROFIT CENTRE:

1	3	0	5	0	0	0	1

NAME/COMPANY NAME:

AMOUNT:

						R	3	0	0	-	0	0

SERVICE DEPARTMENT DETAILS-

DEPARTMENT: LEGAL SERVICES; APPEALS UNIT

EMAIL; MSA.Appeals@capetown.gov.za