

TENDER NO. 115C/2025/26		 CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD	
SCM - 515	Approved by Branch Manager: 15/07/2024	Version: 5.4	Page 1 of 214

CONTRACT DOCUMENT

FOR THE

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

Contract Period: Not exceeding 36 Months from Commencement Date

THE TENDER

NOTE:

- The Form of Offer and Acceptance (C1.1) is on **page 38** of this document
- Table 1: Tender Preference Claim Form is on **page 209** of this document.

ISSUED BY: DIRECTOR: DEPARTMENT DIRECTORATE CITY OF CAPE TOWN Tower Block, Civic Centre 12 Hertzog Boulevard CAPE TOWN 8001	For official use. TENDER SERIAL No.: SIGNATURES OF CITY OFFICIALS AT TENDER OPENING 1. 2. 3.
--	--

OCTOBER 2013

NAME OF TENDERING ENTITY	
EMAIL ADDRESS OF TENDERING ENTITY	
FAX NUMBER OF TENDERING ENTITY	
NATURE OF TENDER OFFER (please indicate below)	
Main Offer (see clause C.2.12)	
Alternative Offer (see clause C.2.12)	

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

General Tender Information

TENDER ADVERTISED	:	28 November 2025
CLARIFICATION MEETING	:	09h30 on 09 December 2025 (Not compulsory but strongly recommended)
VENUE FOR CLARIFICATION MEETING	:	Join the meeting now Meeting ID: 314 270 526 656 56 Passcode: y56Kk3js Dial in by phone +27 21 835 5043,,313729164# South Africa, Cape Town Find a local number Phone conference ID: 313 729 164#
CLOSING DATE	:	09 February 2026
CLOSING TIME	:	10h00
TENDER BOX & ADDRESS	:	Tender Box 201 at the Tender & Quotation Box Office , 2 nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town
TENDER BOX	:	The Tender Document (which includes the Form of Offer and Acceptance) completed 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 tender No. and title, the tender box No. 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. The onus remains with the tenderer to ensure that the tender is placed in either the original box or as alternatively instructed.

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'

CITY OF CAPE TOWN**ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS**

Contents			
Number	Heading	Colour	Page No
THE TENDER			
Part T1: Tendering procedures			
T1.1	Tender Notice and Invitation to Tender	White	2
T1.2	Tender Data	Pink	3 to 33
THE CONTRACT			
Part C1: Agreements and Contract Data			
C1.1	Form of Offer and Acceptance	Yellow	38 to 59
C1.2	Contract Data (data provided by the Employer)	Yellow	60 to 69
C1.2	Contract Data (data provided by the Contractor)	Yellow	70
C1.3	Occupational Health and Safety Agreement	White	71
Part C2: Pricing data			
C2.1	Pricing Assumptions	Yellow	74 to 76
C2.2	Activity Schedule (please see clause C.2.13.3)_	Yellow	77 to 130
Part C3: Scope of Work			
C3.1	Scope of Work	Blue	132 to 158
C3.2	Annexes	Blue	159 to 161
Part C4: Site information			
C4.1	Site Information	Green	162
Part C5: Returnable documents			
C5.1	List of Returnable Documents	Yellow	164
C5.2	Returnable Schedules (please see clause C.2.13.3)_	Yellow	165 to 214

Part T1: Tendering procedures

	Pages
T1.1 Tender Notice and Invitation to Tender.....	2
T1.2 Tender Data	3 – 33

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

T1.1 Tender Notice and Invitation to Tender

The **CITY OF CAPE TOWN**, Director : ENERGY, ELECTRICITY GENERATION AND DISTRIBUTION, invites tenders for Tender No. **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.**

Tenderers must be registered on Supplier Databases as described in the tender conditions.

Tenderers who are not registered on these Supplier Databases are not precluded from submitting tenders, but must however be registered upon being requested to do so in writing and within the period contained in such a request.

Preferences are offered to tenderers who tender in accordance with the Preferential Procurement Regulations and the City of Cape Town's Supply Chain Management Policy (SCM Policy). Furthermore, in terms of these Regulations and the SCM Policy, tenderers are required to meet the HDI and/or RDP specific goals

The physical address for collection of tender documents is:

Tender Distribution Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.

Documents may be collected during working hours between 08:30 –15:00 from **28 November 2025**.

A non-refundable tender fee of R250.00 payable by cash or Electronic Funds Transfer (EFT) in favour of the City of Cape Town is required on collection of the tender documents.

The Employer's Information Officer who is responsible for overseeing questions in relation to data protection may be contacted at via email Popia@capetown.gov.za. Additional contact details are provided in clause C.1.6.5.6 of the Tender Data.

Queries relating to any issues in these documents may be addressed to SCM.Tenders12@capetown.gov.za & SCM.Energy@capetown.gov.za

A non-compulsory but strongly recommended clarification meeting with representatives of the Employer will be held on **09 December 2025 at 09h30** online via Microsoft Teams.

The closing time for receipt of tenders is **10h00** on **09 February 2026**.

Telegraphic, telephonic, telex, facsimile and late tenders will not be accepted.

Tenders may only be submitted on the tender documentation that has been issued. Printed Activity Schedules, in the same format (that is, layout, scheduled items and quantities) as those issued electronically by the Employer upon request, may be submitted as stated in the Tender Data.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

The Microsoft Teams meeting information is as follows:

Join the meeting now

Meeting ID: 314 270 526 656 56

Passcode: y56Kk3js

Dial in by phone

[+27 21 835 5043,313729164#](tel:+27218355043313729164) South

Africa, Cape Town

[Find a local number](#)

Phone conference ID: 313 729 164#

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

T1.2 Tender Data

The conditions of tender are the 42622 of 8 August 2019, Construction Industry Development Board (CIDB) Standard for Uniformity in Construction Procurement. (see www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of tenderers as an Annex to this Tender Data.

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

The following variations, amendments and additions to the Standard Conditions of Tender as set out in the Tender Data below shall apply to this tender:

Clause number	Tender Data
---------------	-------------

C.1	General
------------	----------------

C.1.1	Actions
-------	----------------

C.1.1.1	<i>Add the following:</i>
---------	---------------------------

The parties agree that this tender, its evaluation and acceptance and any resulting contract shall also be subject to the Employer's Supply Chain Management Policy ('SCM Policy') that was applicable on the date the bid was advertised, save that if the Employer 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 that contract Please refer to this document contained on the Employer's website.

Abuse of the supply chain management system is not permitted and may result in the tender being rejected, cancellation of the contract, restriction of the supplier, and/or the exercise by the Employer of any other rights and remedies available to it as described in the SCM Policy and / or applicable law.

The Employer is the City of Cape Town ("City" or "CCT"), represented by the Director: ELECTRICITY GENERATION AND DISTRIBUTION: ENERGY.

C.1.2	Tender Documents
-------	-------------------------

Add the following:

The documents issued by the employer for the purpose of this tender, is described in the **Contents** page preceding **Part T1: Tendering Procedures** of this document.

In addition to the above, the following further documents are part of the tender:

VOLUME 1 The **Standard Professional Services Contract (July 2009) (Edition 3 of CIDB document 1015)** as published by the Construction Industry Development Board. Tenderers must obtain copies at their own cost from the Construction Industry Development Board Pretoria, Tel. (012) 343 7136 or (012) 481 9030, Fax: (012) 343 7153, e-mail: cidb@cidb.org.za.

VOLUME 2 The relevant sections as described in the Scope of Services of the **Guideline for Services and Processes for Estimating Fees for Persons Registered in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000), Board Notice 138 of 2015** as gazetted in Government Gazette No. 39480, 4 December 2015.

The standard forms of contract and the applicable reference standards may also be reviewed, by appointment, at the offices of the Employer during normal office hours.

C1.2.1 The employer will only issue tender documents through its Tender Distribution Office as described on **T1.1 Tender Notice and Invitation to Tender**. Bidders who obtain documents through any means other than described herein, will not be known to the employer and may thus not receive tender notices and addendums.

It is the responsibility of bidders who obtain documents through any means other than described herein to notify the employer in accordance with C1.4 of these tender conditions that they are participating in the tender. The employer accepts no liability for any tender notices or addendums not reaching any bidders who obtained documents through any means other than described herein.

C1.4 **Communication and employer's agent**

Delete the first sentence of the clause and replace with the following:

Verbal or any other form of communication, from the Employer, 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 Employer, unless communicated by the Employer in writing to suppliers by its Director: Supply Chain Management or his nominee.

The Employer's agent is:

Name: SCM Department
Address: City of Cape Town
Civic Centre
12 Hertzog Boulevard
Cape Town
8001
Tel: 021 400 2116
Email: SCM.Tenders12@capetown.gov.za & SCM.Energy@capetown.gov.za

C1.5 **Cancellation and Re-Invitation of Tenders**

Delete the full stop at the end of C.1.5.1 dd) and replace with ,

Add the following after C.1.5.1 d):

- e) the parties are unable to negotiate market related pricing.

C1.6 Procurement procedures

C1.6.1 General

Add the following:

The Employer intends to appoint one tenderer for each of the following Items / categories.

Tenderers may offer bids for one or more of the items, subject to compliance with Pricing

Assumptions:

- Item 1 : Quality Assurance Inspector Electrical Cables
- Item 2 : Quality Assurance Inspector High Voltage Switchgear
- Item 3 : Quality Assurance Inspector Medium Voltage Switchgear
- Item 4 : Quality Assurance Inspector Ancillary Equipment
- Item 5 : Quality Assurance Inspector Distribution Transformers
- Item 6 : Quality Assurance Inspector Power Transformers & Reactors
- Item 7 : Design Review Consultant for Power Transformers & Reactors

The Employer intends to appoint one tenderer (the highest ranked tenderer ("the winner")) per Item / category and in addition an alternative tenderer per Item / category. The Employer reserves the right to appoint fewer tenderers, or not to appoint a winner and/or alternative tenderer at all.

C1.6.2 **Competitive negotiation procedure**

Add the following to C.1.6.2.1:

A competitive negotiation procedure will not be followed.

C1.6.3 **Proposal procedure using the two-stage system**

Add the following between C.1.6.3 and C.1.6.3.1:

A two-stage system will not be followed.

Add the following after C.1.6.3.2.2

C1.6.4 **Nomination of Standby Supplier**

Standby Supplier means a bidder, identified 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 supplier in terms of the procedures included its SCM Policy.

- C.1.6.5 **Objections, complaints, queries and disputes/ Appeals in terms of Section 62 of the Systems Act/ Access to court**
- C.1.6.5.1 **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 City of Cape Town 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.
- C.1.6.5.2 **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 City, 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 City appeal authority must 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.
- C.1.6.5.3 **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 and Promotion of Access to Information Act.
- C.1.6.5.4 All requests referring to sub clauses C.1.6.4.1 and C.1.6.4.2 must be submitted in writing to:
The City Manager - C/o the Manager: Legal Compliance Unit, Legal Services Department, Corporate Services Directorate
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X918, Cape Town, 8000
Via fax at: 021 400 5963 or 021 400 5830
Via email at: MSA.Appeals@capetown.gov.za
- C.1.6.5.5 All requests referring to clause C.1.6.4.3 must be submitted in writing to:
The City Manager - C/o the Manager: Access to Information Unit, Corporate Services Directorate
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X918, Cape Town, 8000
Via fax at: 086 202 9982
Via email at: Access2info.Act@capetown.gov.za
- C.1.6.5.6 **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 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 Employer, 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 Employer's Privacy Notice and/or in relation to the Employer's Supply Chain Management Policy or as may be otherwise permitted by law. This includes the processing of the latter personal information by the Employer's due diligence assurance provider, professional advisors and the Appeal Authority as applicable. The Employer'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 Employer'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, Corporate Services Directorate

Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001

Via post at: Private Bag X918, Cape Town, 8000

Via fax at: 086 202 9982

Via email at: Popia@capetown.gov.za.

C.1.6.5.7 Compliance to the City's Appeals Policy.

In terms of the City'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 'B' (see Schedule 26). Alternatively, via EFT into the City'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 $\frac{1}{2}$ (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 City, the fee or surcharge may be recovered in terms of the City's Credit Control and Debt Collection By-law, 2006 (as amended) and its Credit Control and Debt Collection Policy.

C.1.7 City of Cape Town 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 City of Cape Town'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 City of Cape Town's website www.capetown.gov.za (follow the Supply Chain Management link to Supplier registration).

C.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.

C.2 Tenderer's obligations

C.2.1 Eligibility

C.2.1.1 *Delete the clause and replace with the following:*

Tenderers are obligated to submit a tender offer that complies in all aspects to the conditions as detailed in this tender document. An 'acceptable tender must "COMPLY IN ALL aspect with the tender conditions, specifications, pricing instructions and contract conditions.

Add the following after C.2.1.2:

C.2.1.3 Only those tender submissions from which it can be established that a clear and unambiguous offer has been made to Employer, by whom the offer has been made and what the offer constitutes, will be declared responsive.

C.2.1.4 Only those tenders that satisfy the following criteria will be declared responsive:

C.2.1.4.1 **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 **Compulsory Enterprise Questionnaire** to be provided (applicable schedule 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 behalf (applicable schedule to be completed);
- c) A copy of the partnership / joint venture / consortium agreement to be provided;
- 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 to be completed);
- e) A completed **Declaration – Conflict of Interest** and **Declaration of Bidder's past Supply Chain Management Practices** to be provided and which does not indicate any conflict or past practices that renders the tender non-responsive based on the conditions contained thereon (applicable schedules 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 to be completed);
- g) The tenderer (including any of its 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 Employer 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, involved with the bid specification committee;
- k) A completed Authorisation for the Deduction of Outstanding Amounts Owed to the City of Cape Town to be provided and which does not indicate any details that renders the tender non-responsive based on the conditions contained thereon (applicable schedules to be completed);
- l) The tenderer (including any of its 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 directors or members), has not been found guilty on any other basis listed in the SCM Policy.

C.2.1.4.2 **Key personnel**

In order to be declared responsive, the tenderer must have the following key personnel in its permanent employment at the close of tender. Alternatively, a signed undertaking from a specialist consultant/firm having the required personnel, stating that they will undertake the necessary work on behalf of the tenderer in terms of a sub-consultant agreement, will be acceptable. **Such undertaking must be attached to the schedule titled Key Personnel, Part C5.2: Returnable Schedules, to be declared responsive.**

The same person may perform the multiple roles for Quality Assurance Inspection of Electrical Cables, Switchgear (HV & MV), Ancillary Equipment, Distribution and Power Transformers, Reactors and Design Review of Power Transformers and Reactors, provided they have the necessary skills and that sufficient evidence is provided in **Schedule 12** schedule titled **Key Personnel**.

Item	Competency	Minimum Number of Quality Assurance Inspectors
1	Lead Quality Assurance Inspector Electrical Cables (Item 1) A qualified Technologist / Engineer with verifiable experience in the Quality Assurance Inspection of low voltage, medium voltage and high voltage underground cable.	1
2	Lead Quality Assurance Inspector High Voltage Switchgear (Item 2) A qualified Technologist / Engineer with verifiable experience in the Quality Assurance Inspection of high voltage switchgear.	1
3	Lead Quality Assurance Inspector Medium Voltage Switchgear (Item 3) A qualified Technologist / Engineer with verifiable experience in the Quality Assurance Inspection of medium voltage switchgear.	1
4	Lead Quality Assurance Inspector Ancillary Equipment (Item 4) (Note: 4.1 & 4.2 may be the same person)	1
4.1	A qualified Technologist / Engineer with verifiable experience in the Quality Assurance Inspection of Protection and Control plant related ancillary equipment <i>(Protection Commissioning Engineer)</i>	
4.2	A qualified Technologist / Engineer with verifiable experience in the Quality Assurance Inspection of SCADA and RTU related ancillary equipment <i>(SCADA Commissioning Engineer)</i>	
5	Lead Quality Assurance Inspector Distribution Transformers (Item 5) A qualified Technologist / Engineer with verifiable experience in the Quality Assurance Inspection of distribution transformers (200kVA up to 10MVA) and responsible for executing all work carried out in terms of this tender.	1
6	Lead Quality Assurance Inspector Power Transformers & Reactors (Item 6) A qualified Technologist / Engineer with verifiable experience in the Quality Assurance Inspection of power transformers (10 MVA and larger) and responsible for executing all work carried out in terms of this tender.	1
7	Lead Design Review Consultant for Power Transformers & Reactors (Item 7) A registered Professional Engineer with at least 5 (five) years verifiable experience in the design review of power transformers 10 MVA and larger and responsible for executing all work carried out in terms of this tender.	Minimum Number of Design Review Engineers
		1

Key personnel must indicate their highest academic qualifications in accordance with the relevant National Qualifications Framework (NQF) levels, as aligned with the South African Qualifications Authority (SAQA). The expected qualifications per role are as follows:

- Technologist – NQF Level 7
- Engineer – NQF Level 7 or 8

For any foreign qualifications, applicants must provide appropriate evidence and ensure that these qualifications are evaluated by SAQA in accordance with the requirements for recognition within the South African NQF.

As defined under Item 20 - Part 3.1 Scope of Work (Management and Meetings), the tenderer shall assign a Project Manager and Assistant QA inspector. The allocated Project Manager may be one of the Lead QA Inspectors, provided he/she has the necessary experience.

Where required, the professional registration numbers of the key personnel must be indicated on the schedule titled **Key Personnel**, Part C5.2: Returnable Schedules. The *curriculum vitae* of all key personnel (including sub-consultants), must be submitted with the tender submission, appended to this Schedule with the necessary Experience Records specifically to Quality Assurance Inspection and/or Design Review Services.

Evidence of previous design review projects completed by the proposed Lead Design Review Consultant for Power Transformers and Reactors must be submitted with the tender submission.

C.2.1.4.3 Support resources

Not applicable.

C.2.1.4.4 Professional indemnity insurance

In order to be declared responsive, the tenderer must have the tenderer must hold valid Professional Indemnity (PI) insurance providing cover in an amount of not less than R5 000 000 in respect of each and every claim during the period of insurance. Proof of insurance or confirmation from a reputable Insurance Broker that the Tenderer is eligible for the prescribed professional indemnity insurance cover should he/she be awarded the contract, must be submitted with the tender, appended to the schedule titled **Professional Indemnity Insurance**.

Where the entity tendering is a joint venture then the value of the PI insurance cover required may be shared between the joint venture partners in proportion to the percentage contribution of each party to the joint venture.

C.2.1.4.5 Track record of tenderer

Not Applicable.

C.2.1.4.6 Minimum score for quality

In order to be considered for a contract in terms of this tender, tenderers must achieve the minimum score for quality for each of the tendered items, as stated below. The scoring will be done only for the tendered items.

The description of the quality criteria and the maximum possible score for each is shown in the table below. The score achieved for quality will be the sum of the scores achieved for the individual criteria.

Description of quality criteria	Maximum possible score	Maximum possible score
	<i>(QA Items 1 – 6)</i>	<i>(Design Review Item 7)</i>
Specific Expertise of key personnel (No. of QA Inspection or Design Review undertaken)	10	10
Specific Experience of key personnel (No. of years' post-qualification experience)	5	5
Maximum possible score	15	15

The minimum overall score for quality is **9** out of the maximum of **15** for quality assurance services (For each of Items 1 to 6). The minimum overall score for design review services (Item 7 only) is **9** out of **15**. Tenderers that fail to achieve these minimum scores for quality will be considered non-responsive.

Quality Criteria for ITEM 1: Quality Assurance Inspection of Electrical Cable and Accessories

Expertise of Key Staff	Allocation Item 1
1. <u>Lead Quality Assurance Inspector for ELECTRICAL CABLES</u>	
1.1 Number of HV cable inspections (minimum of 2 drums per inspection) undertaken in last 20 years (Max 5 points) • 0 - 2 inspections • 3 - 5 inspections • 6 - 7 inspections • 8 - 10 inspections • > 10 inspections	(0 points) (2 points) (3 points) (4 points) (5 points)
1.2 Number of MV and LV cable inspections (minimum of 2 drums per inspection) undertaken in last 20 years (Max 5 points) • 0 - 5 inspections • 6 - 10 inspections • 11 - 15 inspections • 16 - 20 inspections • > 20 inspections	(0 points) (2 points) (3 points) (4 points) (5 points)
1.3 Number of years of post-qualification experience (Max 5 points) • 0 – 5 years • 6 – 8 years • 9 – 12 years • 13 – 15 years • > 15 years	(0 points) (2 points) (3 points) (4 points) (5 points)

Quality Criteria for ITEM 2: Quality Assurance Inspection of High Voltage Switchgear

Expertise of Key Staff	Allocation Item 2
2 <u>Lead Quality Assurance Inspector for HIGH VOLTAGE SWITCHGEAR</u>	
2.1 Number of HV Outdoor (AIS) Circuit Breaker, Disconnectors, VTs and/or CTS inspections undertaken in last 20 years (Max 5 points) • 0 - 2 inspections • 3 - 5 inspections • 6 - 7 inspections • 8 - 10 inspections • > 10 inspections	(0 points) (2 points) (3 points) (4 points) (5 points)
2.2 Number of HV Indoor (GIS) Switchgear panel inspections undertaken in last 20 years (Max 5 points) • 0 - 2 inspections • 3 - 5 inspections • 6 - 7 inspections • 8 - 10 inspections • > 10 inspections	(0 points) (2 points) (3 points) (4 points) (5 points)
2.3 Number of years of post-qualification experience (Max 5 points) • 0 – 5 years • 6 – 8 years • 9 – 12 years • 13 – 15 years • > 15 years	(0 points) (2 points) (3 points) (4 points) (5 points)

Quality Criteria for ITEM 3: Quality Assurance Inspection of Medium Voltage Switchgear

Expertise of Key Staff	Allocation Item 3
3 Lead Quality Assurance Inspector for <u>MEDIUM VOLTAGE SWITCHGEAR</u>	
3.1 Number of MV Indoor <u>Metal Clad Air Insulated or MV Indoor Gas Insulated (GIS) Factory Acceptance Testing (FAT)</u> inspections (minimum 3-panels per inspection) undertaken in last 20 years (Max 7 points) • 0 - 2 FAT inspections (0 points) • 3 - 4 FAT inspections (1 points) • 5 - 6 FAT inspections (2 points) • 7 - 8 FAT inspections (3 points) • 9 - 10 FAT inspections (4 points) • 11 - 12 FAT inspections (5 points) • 13 - 14 FAT inspections (6 points) • ≥ 15 FAT inspection (7 points)	
3.2 Number of MV Indoor <u>Metal Clad Air Insulated or MV Indoor Gas Insulated (GIS) Site Acceptance Testing (SAT)</u> inspections (minimum of 3-panels per inspection) undertaken in last 20 years (Max 3 points) • 0 - 7 SAT inspections (0 points) • 8 - 10 SAT inspections (1 points) • 11 - 14 SAT inspections (2 points) • ≥ 15 SAT inspections (3 points)	
3.3 Number of years of <u>post-qualification experience</u> (Max 5 points) • 0 – 5 years (0 points) • 6 – 8 years (2 points) • 9 – 12 years (3 points) • 13 – 15 years (4 points) • > 15 years (5 points)	

Quality Criteria for ITEM 4: Quality Assurance Inspection of Ancillary Equipment

Expertise of Key Staff	Allocation Item 4
4 Lead Quality Assurance Inspector for <u>ANCILLARY EQUIPMENT</u>	
4.1 Number of <u>HV or MV Protection and Control Panels/Schemes</u> inspected or commissioned in last 20 years (Max 5 points) • 0 - 10 HV or MV Protection and Control Panels (0 points) • 11 - 19 HV or MV Protection and Control Panels (3 points) • 20 - 30 HV or MV Protection and Control Panels (4 points) • > 30 Inspections (5 points)	
4.2 Number of <u>Remote Terminal Units (RTU)</u> inspected or commissioned in the last 20 years (Max 5 points) • 0 - 10 Remote Terminal Units (0 points) • 11 - 19 Remote Terminal Units (3 points) • 20 - 30 Remote Terminal Units (4 points) • > 30 Inspections (5 points)	
4.3 <u>Number of years of post-qualification experience</u> (Max 5 points) • 0 – 5 years (0 points) • 6 – 8 years (2 points) • 9 – 12 years (3 points) • 13 – 15 years (4 points) • > 15 years (5 points)	

Quality Criteria for ITEM 5: Quality Assurance Inspection of Distribution Transformers

Expertise of Key Staff	Allocation Item 5
5 Lead Quality Assurance Inspector for <u>DISTRIBUTION TRANSFORMERS</u>	
5.1 Number of transformer core, windings and assemblies inspections undertaken in last 20 years (from 200kVA and below 10MVA) (Max 10 points) • 0 - 2 Trfr Core, Windings and Assemblies Inspections (0 points) • 3 - 6 Trfr Core, Windings and Assemblies Inspections (2 points) • 7 - 10 Trfr Core, Windings and Assemblies Inspections (4 points) • 11 - 14 Trfr Core, Windings and Assemblies Inspections (6 points) • 15 - 19 Trfr Core, Windings and Assemblies Inspections (8 points) • ≥ 20 Trfr Core, Windings and Assemblies Inspections (10 points)	
5.2 <u>Number of years of post-qualification experience (Max 5 points)</u> • 0 – 5 years (0 points) • 6 – 8 years (2 points) • 9 – 12 years (3 points) • 13 – 15 years (4 points) • > 15 years (5 points)	

Quality Criteria for ITEM 6: Quality Assurance Inspection of Power Transformers and Reactors

Expertise of Key Staff	Allocation Item 6
6 Lead Quality Assurance Inspector for <u>POWER TRANSFORMERS AND REACTORS</u>	
6.1 Number of transformer core, windings and assemblies inspections undertaken in last 20 years (≥ 10MVA) (Max 10 points) • 0 – 2 Trfr Core, Windings and Assemblies Inspections (0 points) • 3 – 6 Trfr Core, Windings and Assemblies Inspections (2 points) • 7 – 10 Trfr Core, Windings and Assemblies Inspections (4 points) • 11 – 14 Trfr Core, Windings and Assemblies Inspections (6 points) • 15 – 19 Trfr Core, Windings and Assemblies Inspections (8 points) • ≥ 20 Trfr Core, Windings and Assemblies Inspections (10 points)	
6.2 <u>Number of years of post-qualification experience (Max 5 points)</u> • 0 – 5 years (0 points) • 6 – 8 years (2 points) • 9 – 12 years (3 points) • 13 – 15 years (4 points) • > 15 years (5 points)	

Quality Criteria for ITEM 7: Design Review of Power Transformers and Reactors

Expertise of Key Staff	Allocation Item 6
7 <u>DESIGN REVIEW CONSULTANT</u> for Power Transformers and Reactors	
7.1 Number of <u>Power Transformer / Reactors ≥ 10MVA Design Review</u> Projects undertaken in the past 20 years (Max 10 points) • 0 – 2 Design Review Projects • 3 – 4 Design Review Projects • 5 – 6 Design Review Projects • 7 – 8 Design Review Projects • 9 – 10 Design Review Projects • > 10 Design Review Projects	(0 points) (2 points) (4 points) (6 points) (8 points) (10 points)
7.2 <u>Number of years of post-qualification experience (Max 5 points)</u> • 0 – 5 years • 6 – 8 years • 9 – 12 years • 13 – 15 years • > 15 years	(0 points) (2 points) (3 points) (4 points) (5 points)

The minimum overall score for quality is **9** out of the maximum of **15** for quality assurance services (For each of Items 1 to 6). The minimum overall score for design review services (Item 7 only) is **9** out of **15**. Tenderers that fail to achieve these minimum scores for quality will be considered non-responsive.

Where the entity tendering is a Joint Venture the tender must be accompanied by a statement describing exactly what aspects of the work will be undertaken by each party to the joint venture (appended to the schedule titled **Certificate of Authority for Joint Ventures**).

Tenderers shall ensure that all relevant information has been submitted with the tender offer in the prescribed format to ensure optimal scoring of functionality points for each Evaluation Criteria. Failure to provide all information **IN THIS TENDER SUBMISSION** could result in the tenderer not being able to achieve the specified minimum scoring.

A more detailed explanation of the quality criteria is given below:

Specific expertise and experience of key personnel

As the work required in terms of this tender is considered to be of a technically complex nature, requiring considerable expertise, it is essential that suitably qualified and experienced personnel be assigned to this project. Besides the minimum requirements specified in the eligibility criteria, it would be extremely advantageous if the key personnel can demonstrate directly relevant recent experience related to specific aspects of this project namely, quality assurance inspection services.

Tenderers are urged to ensure that the Curriculum Vitae provided in respect of the key personnel contain details of all relevant experience. Experience Records must at least stipulate the start dates and end dates, the project titles as well as the duties and responsibilities specifically to the Lead Quality Assurance Inspection and/or Design Review Services.

The Lead Quality Assurance Inspector and Design Review Consultant will each be awarded up to 10 points for specific expertise relating to the number of QA Inspections or Design reviews perform. Each will also be awarded up to 5 points for relevant specific experience to QA Inspection/s for each specific discipline. The overall score for this criterion will be sum of the scores for each of the key personnel, with the applicable values as stipulated in C.2.1.4.5.

No tender will be regarded as an acceptable tender/responsive if it fails to achieve the minimum qualifying score for functionality.

b) Tenderers shall ensure that all relevant information has been submitted with the tender offer in the prescribed format to ensure optimal scoring of functionality points for each Evaluation Criteria. In this regard tenderers are required to complete Schedules 12, 19.

c) Tenders that have achieved the minimum qualifying score for functionality shall be evaluated further in terms of the preference point systems prescribed in clause C.3.11 below.

C.2.1.4.6 **Compulsory clarification meeting**

Tenderers are required to attend a non-compulsory but strongly recommended clarification meeting at which they 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.

C.2.7 **Clarification meeting**

Add the following after the second sentence:

The arrangements for the site visit/clarification meeting are as stated on the General Tender Information page and in the Responsiveness Criteria (if applicable).

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

C.2.8 **Seek Clarification**

Add the following after the first sentence:

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 itself with the nature of the goods proposed and generally of all matters which may influence the Contract.
- c) visited the site(s) where delivery of the proposed works 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 itself 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 Employer to clarify the requirements contained 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 Employer's SCM Policy.

The Employer will therefore not be liable for the payment of any extra costs resulting from any claim submitted by the tenderer arising from any alleged ambiguity or uncertainty contained in the tender document.

C.2.11 **Alterations to documents**

Delete the first sentence and replace with the following:

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer in writing, or necessary to correct errors made by the tenderer.

C.2.12 **Alternative tender offers**

Add the following to C.2.12.1 at the end of the first sentence:

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

While it is not necessary to duplicate all parts of the main tender offer, the alternative tender offer shall be supported by the following documents as applicable:

- a) the schedule that compares the alternative(s) offered with the requirements of the issued tender documents
- b) preliminary designs, calculations, drawings and all other pertinent technical information and characteristics must be submitted with the alternative tender offer, in order to enable the Employer to evaluate the efficacy of the alternatives proposed
- c) revised Bills of Quantities, or parts thereof, highlighting the changes made, together with a revised Summary, the total of which has been carried to the Form of Offer
- d) details of any proposed amendments to the Pricing Assumptions

An alternative of 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 Employer's costs in confirming the acceptability of the alternative offer will be, *inter alia*, taken into account in considering the alternative offer.

The Employer 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 Contractor shall accept full responsibility that the alternative offer complies in all respects with the Employer's standards and requirements.

C.2.13 Submitting a tender offer

Add the following to C.2.13.1 at the end of the first sentence:

C.2.13.1 Where the tendering entity is a joint venture it is recommended that the standard CIDB Joint Venture Agreement be used.

C.2.13.5 *Delete the clause and replace with the following*

C.2.13.5 The tender submission details are all described on the General Tender Information page. If it is not possible to submit the original tender and the required copies (see C.2.13.3) 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.

Add the following to C.2.13.6:

C.2.13.6 A two-envelope procedure will **not** be followed.

Add the following sub-clause after C.2.13.9:

C.2.13.10 By signing the offer part of C1.1 Form of Offer and Acceptance the tenderer declares that all information provided in the tender submission is true and correct.

C.2.13.11 The Employer shall not formally issue tender documents in electronic format and shall only issue tender documents in hardcopy. An electronic version of the issued tender documents, or elements thereof, may be made available to the tenderer at the Employer's discretion, upon written request in terms of this clause, subject to the following:

- a) Electronic copies of the issued tender documents, or parts thereof, will only be provided to tenderers who have been issued with the tender documents as contemplated in C.1.2 in hardcopy.
- b) The electronic version shall not be regarded as a substitute for the issued tender documents.
- c) The Employer shall not accept tenders submitted in electronic format. Only those tenders that have been completed on the issued hard copy tender document shall be considered, provided that printed Bills of Quantities, in the same format (that is, layout, billed items and quantities) as those issued electronically by the Employer, may be submitted with the tender as stated in C.2.13.2.
- d) Where Addenda have been issued which amend the Bills of Quantities, then the printed Bills of Quantities shall take these into account. The pages of the issued Bills of Quantities should not be removed from the tender document.
- e) The Employer accepts no responsibility or liability arising from any reliance on or use of the electronic version provided in terms of this clause. Tenderers are alerted to the fact that electronic versions of the tender documents may not reflect any notices or addenda that amend the tender document.
- f) Any non-compliance with these provisions, including effecting any unauthorised alterations to the tender documents as contemplated in C.2.11, shall render the tender non-responsive. The Employer reserves the right to take any action against such tenderer allowed in law including, in circumstances where the tender had already been awarded, the right to cancel the contract.
- g) In requesting the electronic version of the tender documents or parts thereof, the tenderer is deemed to have read, understood and accepted all of the above conditions.

C.2.15 Closing time

Add the following to C.2.15.1 after the first sentence:

C.2.15.1 The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender.

C.2.16 Tender offer validity

Add the following to C.2.16.1 after the first sentence:

- C.2.16.1 The tender offer validity period is **12 weeks (84 days)**.
Delete the clause and replace with the following:
- C.2.16.2 Notwithstanding the period stated above, bids shall remain valid for acceptance for a period of twelve (12) months after the expiry of the original validity period, unless the City 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 and 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 BAC for noting.
- C.2.17 **Clarification of tender offer after submission**
Add the following to C.2.17 at the end of the third sentence:
A tender will be rejected as non-responsive if the tenderer fails to provide any clarification or supporting documents requested by the Employer within the time for submission stated in the Employer's written request for such clarification or documents.
- C.2.18 **Provide other material**
Delete the following word in C.2.18.1:
- C.2.18.1 notarized
- Add the following to C.2.18.1 at the end of the first paragraph:*
- C.2.18.1 Provide, on written request by the Employer, where the transaction value (tendered amount) inclusive of VAT **exceeds R 10 million:**
- 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;
 - 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;
 - 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;
 - 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 party to a Consortium/Joint Venture shall submit separate certificates/statements in the above regard.
- Add the following after C.2.18.2:*
- C.2.18.3 Tenderers shall fully cooperate with the Employer's external service provider or internal official(s) appointed to perform a due diligence review and risk assessment upon receipt of such written instruction from the Employer.
- Failure to fully cooperate could result in a tender being declared as non-responsive.
- C.2.18.4 **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 and the Construction Regulations, 2014 issued in terms of Section 43 of the Act. The Tenderer shall be deemed to have read and fully understood the requirements of the above Act and Regulations and to have allowed for all costs in compliance therewith.
- In this regard the Tenderer shall submit with his tender or upon request, appended to the schedule titled **Health and Safety Plan** in T2.2: Returnable Schedules, a draft Health and Safety Plan in respect of the Works in sufficient detail to demonstrate the necessary competencies and resources to perform the construction work all in accordance with the Act, Regulations and Health and Safety Specification in Part C3.5 Management in the Scope of Work.
- C.2.23 **Certificates**
Add the following after the first sentence:
The tenderer is required to submit the following:
- C.2.23.1 **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 C.2.1.4.2.h.

The tenderer must also provide its Tax Compliance Status PIN number on the **Compulsory Enterprise Questionnaire**

Before making an award the City 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 City, 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 City via CSD or e-Filing. The City 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.

C.2.23.2 Preference Points for Specific Goals

In order to qualify for preference points for HDI and/or Specific Goals, it is the responsibility of the tenderer to submit documentary proof, as either certificates, sworn affidavits or any other requirement prescribed in terms of the B-BBEE Act or any other legislation relevant for the points claimed 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.

Add the follow new clause after C.2.23.2

C.2.24 Deviations and Qualifications

Where the tenderer cannot tender in all respects in accordance with the provisions contained in the tender documents, all deviations therefrom shall be clearly and separately listed in the schedule titled **Deviations and Qualifications by Tenderer** in T2.2 Returnable Schedules, or in a tenderer's covering letter expressly referenced in this schedule.

The tenderer accept that the Employer will examine such deviations in terms of clause C.3.8.2 and shall not be bound to accept any such deviations or qualifications.

It must be clearly stated by the tenderer whether the sum tendered in the Tender Offer includes for all such deviations or qualifications listed or referred to in the schedule titled **Deviations and Qualifications by Tenderer** or not.

C.3 The Employer's undertakings

C.3.2 Issue Addenda

Delete the first sentence and replace with:

If necessary, 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 Employer reserves its rights to issue addenda less than one week before the tender closing time in exceptional circumstances. The issuing of addenda is subject to C1.2.1.

Add the following to C.3.2 at the end of the paragraph:

Notwithstanding any requests for confirmation of receipt of Addenda issued, the tenderer shall be deemed to have received such addenda if the employer can show proof of transmission thereof (or a notice in respect thereof) via electronic mail, facsimile or registered post.

C.3.4 Opening of tender submissions

Delete C.3.4.2 and replace with the following:

Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where possible, the amount of the bid and the preference indicated.

C.3.8 Test for responsiveness

C.3.8.2 *Replace the final sentence of C.3.8.2 with the following:*

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

Add the following after clause C.3.8.2

C.3.8.3 The Employer reserves the right to accept a tender offer which does not, in the Employer's opinion, materially and/or substantially deviate from the terms, conditions, and specifications of the tender documents.

C.3.9 Arithmetical errors, omissions and discrepancies

Add the following after clause C.3.9.2

C.3.9.3 In the event of tendered rates or lump sums being declared by the Employer 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 Employer 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 Employer, 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 Employer, the Employer may declare the tender as non-responsive.

C.3.10 Clarification of a tender offer

Delete the clause and replace with the following:

C.3.10 The Employer may, after the closing date, request additional information or clarification from tenderer, 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.

C.3.11 Evaluation of tender offers

General

Add the following after the first sentence:

The Employer shall create, for tender evaluation purposes, simulated (representative) Works Projects, indicative of the nature of works required per tendered Item.

The Employer shall have assigned quantities to the items in the Schedules of Rates necessary for the execution of the representative Works Projects. The assigned quantities shall be multiplied by the tendered rates submitted by the tenderers to obtain amounts that will be totalled to provide a financial offer for each tenderer for the representative Works Project. The financial offer shall be constituted by the sum of the representative Works for each tenderer.

Based on the financial offers (as stated above), only the responsive tenderers will be considered.

The highest ranked tenderer ("the winner") will be appointed.

Add the following after clause C.3.11.1

C.3.11.2 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.

C.3.11.3 The tender will be evaluated in terms of the requirements of the Preferential Procurement Regulations and SCM Policy as follows:

C.3.11.3.1 The preference point system applicable to this tender is the 80/20 preference point system.

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

Table B1: Awards above R750 000 and up to R50 mil (VAT Inclusive)

#	Specific goals allocated points	Preference Points (80/20) <i>Equal/ below R50 mil</i>	Evidence	Additional Guidance
	<i>Persons, or categories of persons, historically disadvantaged- (HDI) by unfair discrimination on the basis of</i>			
1	Gender are women (ownership)* >75% - 100% women ownership: 5 points >50% - 75% women ownership: 4 points >25% - 50% women ownership: 3 points >0% - 25% women ownership: 2 points 0% women ownership = 0 points	5	- Company Registration Certification - Central Supplier Database report	- Issued by the Companies and Intellectual Property Commission - Report name: CSD Registration report
2	Race are black persons (ownership)* >75% - 100% black ownership: 5 points >50% - 75% black ownership: 4 points >25% - 50% black ownership: 3 points >0% - 25% black ownership: 2 points 0% black ownership = 0 points	5	- B-BBEE certificate; - Company Registration Certification - Central Supplier Database report	- South African National Accreditation System approved certificate or commissioned sworn affidavit - Issued by the Companies and Intellectual Property Commission - Report name: CSD Registration report
3	Disability are disabled persons (ownership)* <i>WHO disability guideline</i> >2% ownership: 3 points >0% - 2% ownership: 1.5 point 0% ownership = 0 points	3	- Proof of disability - Company Registration Certification	- Medical certificate/ South African Revenue Services disability registration - Issued by the Companies and Intellectual Property Commission

Reconstruction and Development Programme (RDP) as published in Government Gazette			
4	Promotion of Micro and Small Enterprises <i>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)</i> <i>SME partnership, sub-contracting, joint venture or consortiums</i>	7	- B-BBEE status level of contributor; - Specifically in line with the respective sector codes which the company operates, - South African National Accreditation System approved certificate or commissioned sworn affidavit
		- South African owned enterprises; - Certificate of incorporation or commissioned sworn affidavit	
		- Financial Statement to determine annual turnover - Latest financial statements (1 Year)	
	Total points	20	

**Ownership: main tendering entity*

C.3.11.3.2 Price, preference and functionality will be scored, as relevant, to two decimal places.

C.3.11.3.3 Confirm that tenderers are eligible for the preferences claimed in accordance with the provisions of the tender data and reject all claims for preferences where tenderers are not eligible for such preferences.

Points will be awarded to tenderers who are eligible for preferences in terms of the **Preference Schedule** which is included in C5.2 Returnable Schedules.

C.3.11.4 **Risk Analysis**

Notwithstanding compliance the requirements of the tender, the employer will perform a risk analysis in respect of the following:

- reasonableness of the financial offer
- reasonableness of unit rates and prices
- 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 Employer reserves the right to consider a tenderer's existing contracts with the Employer in this regard
- 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 Employer in determining the acceptability of the tender offer in terms of C.3.13).

C.3.13 **Acceptance of tender offer**

Delete first sentence of C.3.13 and replace with the following):

Accept the tender offer, if in the opinion of the employer, it does not present any material risk and only if the tenderer:

Delete C.3.13 a) and replace with the following):

- 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 employer's procurement,

Add the following below C.3.13 f)

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

C.3.13.1 The Employer 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 City 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 City;
- d) negative media reports, including negative social media reports;
- e) adverse assurance (e.g. due diligence) report outcomes;
- f) where the contractor has been restricted from doing business with the Employer; and
- g) 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.

C.3.13.2 The Employer reserves the right to nominate a standby supplier 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 supplier in terms of the procedures included in its SCM Policy.

C.3.13.3 The Employer shall notify the successful tenderer in writing of the decision of the Employer's Bid Adjudication Committee to award the tender to the successful tenderer. The successful bidder shall, in addition, be advised of the 21-day appeal period, and be notified that no rights accrue to him/her until the bid is formally accepted in writing.

C.3.13.4 The Employer 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.

C.3.17 **Provide copies of the contract**

Add the following after the first sentence:

The number of paper copies of the signed contract to be provided by the Employer is one.

C.3.19 *Add the following after C.3.19*

C.3.20 **Negotiations with preferred tenderers**

The Employer 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 PPPFA Regulations, 2017, tenders must be cancelled in the event that negotiations fail to achieve a market related price with any of the three highest scoring tenderers.

Annex C

(normative)

Standard Conditions of Tender

C.1 General

C.1.1 Actions

C.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in C.2 and C.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

C.1.1.2 The employer and the tenderer and all 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 employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process 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.

Note:

- 1) *A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.*
- 2) *Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.*

C.1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

C.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

C.1.3 Interpretation

C.1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

C.1.3.2 These conditions of tender, the tender data and tender schedules which are required for tender evaluation purposes, shall form part of any contract arising from the invitation to tender.

C.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) **conflict of interest** means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her [duties impartially](#);
 - ii) an individual or tenderer is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interests exist between an employee and the tenderer who employs that employee.
- b) **comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;
- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels;

C.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

C.1.5 Cancellation and Re-Invitation of Tenders

C.1.5.1 An employer 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 engineering and construction works specified in the invitation;
- 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.

C.1.5.2 The decision to cancel a tender invitation must be published in the same manner in which the original tender invitation was advertised

C.1.5.3 An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

C.1.6 Procurement procedures

C.1.6.1 General

Unless otherwise stated in the tender data, a contract will, subject to C.3.13, be concluded with the tenderer who in terms of C.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

C.1.6.2 Competitive negotiation procedure

C.1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of C.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of C.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

C.1.6.2.2 All responsive tenderers or at least a minimum of not less than three responsive tenderers that are highest ranked in terms of the evaluation criteria stated in the tender data shall be invited to enter into competitive negotiations based on the principle of equal treatment, keeping confidential the proposed solutions and associated information.

Notwithstanding the provisions of C.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

C.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to revise their tender offer based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

C.1.6.2.4 The contract shall be awarded in accordance with the provisions of C.3.11 and C.3.13 after tenderers have been requested to submit their best and final offer.

C.1.6.3 Proposal procedure using the two stage-system

C.1.6.3.1 Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

C.1.6.3.2 Option 2

C.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

C.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

C.2 Tenderer's obligations

C.2.1 Eligibility

C.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.

C.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

C.2.2 Cost of tendering

C.2.2.1 Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer 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.

C.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

C.2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

C.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

C.2.5 Reference documents

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 documents by reference.

C.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

C.2.7 Clarification meeting

Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

C.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five (5) working days before the closing time stated in the tender data.

C.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

C.2.10 Pricing the tender offer

C.2.10.1 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 fourteen (14) days before the closing time stated in the tender data.

C.2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

C.2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

C.2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

C.2.11 Alterations to documents

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

C.2.12 Alternative tender offers

C.2.12.1 Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

C.2.12.2 Accept that an alternative tender offer must be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

C.2.12.3 An alternative tender offer must only be considered if the main tender offer is the winning tender.

C.2.13 Submitting a tender offer

C.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

C.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

C.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

C.2.13.4 Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

C.2.13.5 Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

C.2.13.6 Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data 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 employer’s address and identification details stated in the tender data, as well as the tenderer’s name and contact address.

C.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer’s address and identification details as stated in the tender data.

C.2.13.8 Accept that the employer will 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.

C.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

C.2.14 Information and data to be completed in all respects

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

C.2.15 Closing time

C.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

C.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

C.2.16 Tender offer validity

C.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

C.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.

C.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer’s agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted. If the validity period stated in C.2.16 lapses before the employer evaluating tender, the contractor reserves the right to review the price based on Consumer Price Index (CPI).

C.2.16.4 Where a tender submission is to be substituted, a tenderer must submit a substitute tender in accordance with the requirements of C.2.13 with the packages clearly marked as “SUBSTITUTE”.

C.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: *Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.*

C.2.18 Provide other material

C.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment.

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 employer's request, the employer may regard the tender offer as non-responsive.

C.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

C.2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

C.2.20 Submit securities, bonds and policies

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

C.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

C.2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within twenty-eight (28) days after the expiry of the validity period stated in the tender data.

C.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

C.3 The employer's undertakings

C.3.1 Respond to requests from the tenderer

C.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five (5) working days before the tender closing time stated in the Tender Data and notify all tenderers who collected tender documents.

C.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

C.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three (3) working days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who collected tender documents.

C.3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

C.3.4 Opening of tender submissions

C.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

C.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

C.3.4.3 Make available the record outlined in C.3.4.2 to all interested persons upon request.

C.3.5 Two-envelope system

C.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

C.3.5.2 Evaluate functionality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the functionality evaluation more than the minimum number of points for functionality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any points claimed on BBBEE status level. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for functionality.

C.3.6 Non-disclosure

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, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

C.3.7 Grounds for rejection and disqualification

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.

C.3.8 Test for responsiveness

C.3.8.1 Determine, after opening and before detailed evaluation, 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.

C.3.8.2 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 Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer'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 the non-conforming deviation or reservation.

C.3.9 Arithmetical errors, omissions and discrepancies

C.3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.

C.3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with C.3.11 for:

- a) the gross misplacement of the decimal point in any unit rate;
- b) omissions made in completing the pricing schedule or bills of quantities; or c) arithmetic errors in:
 - (i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - (ii) the summation of the prices.

C.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices.

C.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:

- a) If bills of quantities or 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 quoted shall govern, and the unit rate shall be corrected.

- b) 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 bills of quantities apply) to achieve the tendered total of the prices.

C.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

C.3.11 Evaluation of tender offers

The Standard Conditions of Tender standardize the procurement processes, methods and procedures from the time that tenders are invited to the time that a contract is awarded. They are generic in nature and are made project specific through choices that are made in developing the Tender Data associated with a specific project.

Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures.

The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:	
Requirement	Qualitative interpretation of goal
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.
Cost effective	The processes, procedures and methods are standardized with sufficient flexibility to attain best value outcomes in respect of quality, timing and price, and least resources to effectively manage and control procurement processes.

The activities associated with evaluating tender offers are as follows:

- a) Open and record tender offers received
- b) Determine whether or not tender offers are complete
- c) Determine whether or not tender offers are responsive
- d) Evaluate tender offers
- e) Determine if there are any grounds for disqualification
- f) Determine acceptability of preferred tenderer
- g) Prepare a tender evaluation report
- h) Confirm the recommendation contained in the tender evaluation report

C.3.11.1 General

The employer must appoint an evaluation panel of not less than three persons conversant with the proposed scope of works to evaluate each responsive tender offer using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

C.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

C.3.13 Acceptance of tender offer

Accept the tender offer; if in the opinion of the employer, it does not present any risk and only if the tenderer:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer'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 No. 2008, bankrupt or being wound up, has his/her affairs administered by a court or a judicial officer, has suspended his/her business activities or is subject to legal proceedings in respect of any of the foregoing;
- e) complies with the legal requirements, if any, stated in the tender data; and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

C.3.14 Prepare contract documents

C.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents and
- c) other revisions agreed between the employer and the successful tenderer.

C.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

C.3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

C.3.16 Registration of the award

An employer must, within twenty-one (21) working days from the date on which a contractor's offer to perform a construction works contract is accepted in writing by the employer, register and publish the award on the cidb Register of Projects.

C.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

C.3.18 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.

CONTRACT NO. 115C/2025/26



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

SCM - 515 | Approved by Branch Manager: 15/07/2024

Version: 5.4

Page 34 of 192

CONTRACT DOCUMENT

FOR THE

PROVISION OF PROFESSIONAL SERVICES IN RESPECT OF QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

THE CONTRACT

ISSUED BY:

**DIRECTOR: DEPARTMENT
DIRECTORATE CITY OF CAPE
TOWN**
Tower Block, Civic Centre
12 Hertzog Boulevard
CAPE TOWN
8001

For official use.

TENDER SERIAL No.:

SIGNATURES OF CITY OFFICIALS AT
TENDER OPENING

1.

2.

3.

OCTOBER 2013

NAME OF TENDERING ENTITY	
EMAIL ADDRESS OF TENDERING ENTITY	
FAX NUMBER OF TENDERING ENTITY	
NATURE OF TENDER OFFER (please indicate below)	
Main Offer (see clause C.2.12)	
Alternative Offer (see clause C.2.12)	

Part C1: Agreements and Contract Data

	Pages
Memorandum of Agreement.....	36-37
C1.1 Form of Offer and Acceptance	38 – 59
C1.2 Contract Data (data provided by the Employer)	60 – 69
C1.2 Contract Data (provided by contractor)	70
C1.3 Occupational Health and Safety Agreement	71
C1.4 Insurance Broker’s Warranty	72

MEMORANDUM OF AGREEMENT

FOR

PROJECT TITLE

MADE AND ENTERED INTO BETWEEN

CITY OF CAPE TOWN METROPOLITAN MUNICIPALITY

And

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

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

Preamble

WHEREAS the City of Cape Town is desirous to award this Tender to the successful Contractor;

AND WHEREAS the City of Cape Town will consider and evaluate the offer made by the Tenderer/Contractor;

AND WHEREAS the Parties agree that this Contract is subject to the terms and conditions as contained in the final award of the City's Bid Adjudication Committee (BAC);

AND WHEREAS the Tenderer/Contractor agrees that the terms and conditions of the award will become binding upon communication of the award made by the BAC, upon the expiration of the prescribed appeal period in terms of Section 62 of the Municipal Systems Act and the furnishing of a duly counter signed contract by the City to the Contractor reflecting the BAC award.

NOW THEREFORE, the Parties agree and confirm that the Contract contains the following:

- a) the Form of Offer and Acceptance,
- b) the Contract Specific Data within the Contract Data,
- c) the Standard Professional Services Contract (July 2009) (Edition 3 of CIDB document 1015),
- d) the Drawings,
- e) the Scope of Work,
- f) the Pricing Data, and
- g) the conditions of tender, the tender data and tender schedules

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

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

Witness 1 Signature
Name and Surname:

Witness 2 Signature
Name and Surname:

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

Witness 1 Signature
Name and Surname:

Witness 2 Signature

CITY OF CAPE TOWN

ENERGY: ELECTRICITY, GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.1 Form of Offer and Acceptance

Item 1: Quality Assurance Inspection of Electrical Cable and Accessories Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

CONTRACT NO. 115C/2025/26: PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The completed Activity Schedules (excluding VAT), as contained in Part C2.2 Pricing Data, shall form the tender offer. These rates shall be multiplied, as applicable, by the quantities required in respect of relevant items to create SAP Purchase Orders

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Contractor	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

For official use.

INITIALS OF CITY OFFICIALS AT TENDER OPENING

1.	2.	3.
----	----	----

Acceptance

By signing this part of this form of offer and acceptance, the City of Cape Town accepts the tenderer's (now Contractor's) offer. In consideration thereof, the City of Cape Town shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the contractor's offer shall form an agreement between the City of Cape Town and the contractor upon the terms and conditions contained in this document.

The terms of the contract are contained in:

- Part C1: Agreements and contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule of deviations.

The contractor shall within two weeks after contract commencement, contact the City of Cape Town to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation/breach of the contract.

Unless indicated otherwise in the Deviation Schedule, this agreement comes into effect on the date when the contractor and confirms receipt from the City of Cape Town of one complete, signed copy of this contract containing price schedule as awarded by the BAC, including the schedule of deviations (if any).

CITY OF CAPE TOWN	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Accepted contract sum including tax	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

Schedule of Deviations

Notes:

1. The extent of deviations from the tender documents issued by the employer 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 becomes an obligation of the contract shall also be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject

Details

.....

.....

.....

2 Subject

Details

.....

.....

.....

3 Subject

Details

.....

.....

4 Subject

Details

.....

.....

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer 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 receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY, GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.1 Form of Offer and Acceptance

Item 2: Quality Assurance Inspection of High Voltage Switchgear Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

CONTRACT NO. 115C/2025/26: PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The completed Activity Schedules (excluding VAT), as contained in Part C2.2 Pricing Data, shall form the tender offer. These rates shall be multiplied, as applicable, by the quantities required in respect of relevant items to create SAP Purchase Orders

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Contractor	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

For official use.		
INITIALS OF CITY OFFICIALS AT TENDER OPENING		
1.	2.	3.

Acceptance

By signing this part of this form of offer and acceptance, the City of Cape Town accepts the tenderer's (now Contractor's) offer. In consideration thereof, the City of Cape Town shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the contractor's offer shall form an agreement between the City of Cape Town and the contractor upon the terms and conditions contained in this document.

The terms of the contract are contained in:

- Part C1: Agreements and contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule of deviations.

The contractor shall within two weeks after contract commencement, contact the City of Cape Town to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation/breach of the contract.

Unless indicated otherwise in the Deviation Schedule, this agreement comes into effect on the date when the contractor and confirms receipt from the City of Cape Town of one complete, signed copy of this contract containing price schedule as awarded by the BAC, including the schedule of deviations (if any).

CITY OF CAPE TOWN	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Accepted contract sum including tax	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

Schedule of Deviations

Notes:

- 1. The extent of deviations from the tender documents issued by the employer 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 becomes an obligation of the contract shall also be recorded here.
- 4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject

Details

2 Subject

Details

3 Subject

Details

4 Subject

Details

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer 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 receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY, GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.1 Form of Offer and Acceptance

Item 3: Quality Assurance Inspection of Medium Voltage Switchgear Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

CONTRACT NO. 115C/2025/26: PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The completed Activity Schedules (excluding VAT), as contained in Part C2.2 Pricing Data, shall form the tender offer. These rates shall be multiplied, as applicable, by the quantities required in respect of relevant items to create SAP Purchase Orders

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Contractor	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

For official use.		
INITIALS OF CITY OFFICIALS AT TENDER OPENING		
1.	2.	3.

Acceptance

By signing this part of this form of offer and acceptance, the City of Cape Town accepts the tenderer's (now Contractor's) offer. In consideration thereof, the City of Cape Town shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the contractor's offer shall form an agreement between the City of Cape Town and the contractor upon the terms and conditions contained in this document.

The terms of the contract are contained in:

- Part C1: Agreements and contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule of deviations.

The contractor shall within two weeks after contract commencement, contact the City of Cape Town to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation/breach of the contract.

Unless indicated otherwise in the Deviation Schedule, this agreement comes into effect on the date when the contractor and confirms receipt from the City of Cape Town of one complete, signed copy of this contract containing price schedule as awarded by the BAC, including the schedule of deviations (if any).

CITY OF CAPE TOWN	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Accepted contract sum including tax	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

Schedule of Deviations

Notes:

- 1. The extent of deviations from the tender documents issued by the employer 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 becomes an obligation of the contract shall also be recorded here.
- 4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject

Details

2 Subject

Details

3 Subject

Details

4 Subject

Details

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer 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 receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY, GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.1 Form of Offer and Acceptance

Item 4: Quality Assurance Inspection of Ancillary Equipment Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

CONTRACT NO. 115C/2025/26: PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The completed Activity Schedules (excluding VAT), as contained in Part C2.2 Pricing Data, shall form the tender offer. These rates shall be multiplied, as applicable, by the quantities required in respect of relevant items to create SAP Purchase Orders

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Contractor	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

For official use.		
INITIALS OF CITY OFFICIALS AT TENDER OPENING		
1.	2.	3.

Acceptance

By signing this part of this form of offer and acceptance, the City of Cape Town accepts the tenderer's (now Contractor's) offer. In consideration thereof, the City of Cape Town shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the contractor's offer shall form an agreement between the City of Cape Town and the contractor upon the terms and conditions contained in this document.

The terms of the contract are contained in:

- Part C1: Agreements and contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule of deviations.

The contractor shall within two weeks after contract commencement, contact the City of Cape Town to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation/breach of the contract.

Unless indicated otherwise in the Deviation Schedule, this agreement comes into effect on the date when the contractor and confirms receipt from the City of Cape Town of one complete, signed copy of this contract containing price schedule as awarded by the BAC, including the schedule of deviations (if any).

CITY OF CAPE TOWN	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Accepted contract sum including tax	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

Schedule of Deviations

Notes:

- 1. The extent of deviations from the tender documents issued by the employer 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 becomes an obligation of the contract shall also be recorded here.
- 4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject

Details

2 Subject

Details

3 Subject

Details

4 Subject

Details

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer 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 receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY, GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.1 Form of Offer and Acceptance

Item 5: Quality Assurance Inspection of Distribution Transformers Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

CONTRACT NO. 115C/2025/26: PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The completed Activity Schedules (excluding VAT), as contained in Part C2.2 Pricing Data, shall form the tender offer. These rates shall be multiplied, as applicable, by the quantities required in respect of relevant items to create SAP Purchase Orders

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Contractor	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

For official use.		
INITIALS OF CITY OFFICIALS AT TENDER OPENING		
1.	2.	3.

Acceptance

By signing this part of this form of offer and acceptance, the City of Cape Town accepts the tenderer's (now Contractor's) offer. In consideration thereof, the City of Cape Town shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the contractor's offer shall form an agreement between the City of Cape Town and the contractor upon the terms and conditions contained in this document.

The terms of the contract are contained in:

- Part C1: Agreements and contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule of deviations.

The contractor shall within two weeks after contract commencement, contact the City of Cape Town to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation/breach of the contract.

Unless indicated otherwise in the Deviation Schedule, this agreement comes into effect on the date when the contractor and confirms receipt from the City of Cape Town of one complete, signed copy of this contract containing price schedule as awarded by the BAC, including the schedule of deviations (if any).

CITY OF CAPE TOWN	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Accepted contract sum including tax	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

Schedule of Deviations

Notes:

1. The extent of deviations from the tender documents issued by the employer 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 becomes an obligation of the contract shall also be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject

Details

.....

.....

.....

2 Subject

Details

.....

.....

.....

3 Subject

Details

.....

.....

.....

4 Subject

Details

.....

.....

.....

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer 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 receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY, GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.1 Form of Offer and Acceptance

Item 6: Quality Assurance Inspection of Power Transformers and Reactors Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

CONTRACT NO. 115C/2025/26: PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The completed Activity Schedules (excluding VAT), as contained in Part C2.2 Pricing Data, shall form the tender offer. These rates shall be multiplied, as applicable, by the quantities required in respect of relevant items to create SAP Purchase Orders

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Contractor	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

For official use.		
INITIALS OF CITY OFFICIALS AT TENDER OPENING		
1.	2.	3.

Acceptance

By signing this part of this form of offer and acceptance, the City of Cape Town accepts the tenderer's (now Contractor's) offer. In consideration thereof, the City of Cape Town shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the contractor's offer shall form an agreement between the City of Cape Town and the contractor upon the terms and conditions contained in this document.

The terms of the contract are contained in:

- Part C1: Agreements and contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule of deviations.

The contractor shall within two weeks after contract commencement, contact the City of Cape Town to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation/breach of the contract.

Unless indicated otherwise in the Deviation Schedule, this agreement comes into effect on the date when the contractor and confirms receipt from the City of Cape Town of one complete, signed copy of this contract containing price schedule as awarded by the BAC, including the schedule of deviations (if any).

CITY OF CAPE TOWN	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Accepted contract sum including tax	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

Schedule of Deviations

Notes:

- 1. The extent of deviations from the tender documents issued by the employer 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 becomes an obligation of the contract shall also be recorded here.
- 4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject

Details

2 Subject

Details

3 Subject

Details

4 Subject

Details

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer 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 receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY, GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.1 Form of Offer and Acceptance

Item 7: Design Review of Power Transformers and Reactors Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

CONTRACT NO. 115C/2025/26: PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The completed Activity Schedules (excluding VAT), as contained in Part C2.2 Pricing Data, shall form the tender offer. These rates shall be multiplied, as applicable, by the quantities required in respect of relevant items to create SAP Purchase Orders

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Contractor	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

For official use.		
INITIALS OF CITY OFFICIALS AT TENDER OPENING		
1.	2.	3.

Acceptance

By signing this part of this form of offer and acceptance, the City of Cape Town accepts the tenderer's (now Contractor's) offer. In consideration thereof, the City of Cape Town shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the contractor's offer shall form an agreement between the City of Cape Town and the contractor upon the terms and conditions contained in this document.

The terms of the contract are contained in:

- Part C1: Agreements and contract data (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule of deviations.

The contractor shall within two weeks after contract commencement, contact the City of Cape Town to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documents to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation/breach of the contract.

Unless indicated otherwise in the Deviation Schedule, this agreement comes into effect on the date when the contractor and confirms receipt from the City of Cape Town of one complete, signed copy of this contract containing price schedule as awarded by the BAC, including the schedule of deviations (if any).

CITY OF CAPE TOWN	
Business Name	
Business Registration	
Tax number (VAT)	
Physical Address	
Accepted contract sum including tax	
Signed – who by signature hereto warrants authority	
Name of signatory	
Signed: Date	
Signed: Location	
Signed: Witness	
Name of Witness	

Schedule of Deviations

Notes:

1. The extent of deviations from the tender documents issued by the employer 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 becomes an obligation of the contract shall also be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject	
Details	
	
	
	
2 Subject	
Details	
	
	
	
3 Subject	
Details	
	
	
	
4 Subject	
Details	
	
	
	

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer 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 receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this Agreement.

**ONLY TO BE
COMPLETED AT
ACCEPTANCE STAGE**

**TENDER 115C/2025/26: PROVISION OF PROFESSIONAL SERVICES:
QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES,
SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT,
DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND
DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS**

(TO BE FILLED IN BY THE CONTRACTOR)

Confirmation of Receipt

The contractor identified in the offer part of the Contract hereby confirms receipt from the City of Cape Town (identified in the acceptance part) of 1 (one) complete, signed copy of the Contract containing price schedule as awarded by the BAC, 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**

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.2 Contract Data

Part 1: Contract Data provided by the Employer

GENERAL CONDITIONS OF CONTRACT

The General Conditions of Contract are the **Standard Professional Services Contract (July 2009) (Edition 3 of CIDB document 1015)**, as published by the Construction Industry Development Board.

Copies of these General Conditions of Contract may be obtained from the Construction Industry Development Board's website www.cidb.org.za. Copies of the General Conditions of Contract are also available for inspection and scrutiny at the offices of the Employer.

The pro-formas attached to the Standard Professional Services Contract (July 2009) on pages 17 to 24 shall not apply to this Contract and shall be replaced with the documentation bound into this Contract Document.

The General Conditions of Contract make several references to the Contract Data for specific data, which together with the standard contract collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the General Conditions of Contract.

The General Conditions of Contract shall be read in conjunction with the variations, amendments and additions set out in the Contract Specific Data below. Each item of data given below is cross-referenced to the clause in the General Conditions of Contract to which it mainly applies.

The documents forming the Contract are to be taken as mutually explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence:

- a) the Form of Offer and Acceptance,
- b) the Contract Specific Data within the Contract Data,
- c) the General Conditions of Contract
- d) the Scope of Work, and
- e) the Pricing Data.

If an ambiguity or discrepancy is found in the documents, the Employer shall issue any necessary clarification or instruction.

CONTRACT SPECIFIC DATA

The following contract specific data is applicable to this Contract:

Clause 1:

*Add the following to the definition of **Employer**:*

The **Employer** is the **CITY OF CAPE TOWN**.

*Replace the definition of **Key Persons** with the following:*

Persons who are referred to as such in the Contract Data who will be engaged in the performance of the Services.

*Add the following to the definition of **Period of Performance**:*

The period(s) of performance for this service is as follows:

Description	QA Inspection
Start date (appointment)	Date of Works Request/ Enquiry
Draft Quotation issued to Employer	1 week after date of Works request/ Enquiry
Confirmation of Acceptance of Works Order	3 weeks after date of Works request/ Enquiry
Draft report and Test certificates to Employer	2 weeks after date of QA Inspection at Factory
Final report to Employer	3 weeks after date of QA Inspection at Factory

The anticipated contract period will be from date of commencement Not exceeding **36 months**

Add the following to the definition of **Project**:

The project is the **PROVISION OF PROFESSIONAL SERVICES IN RESPECT OF QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS**

Add the following to the definition of **Service Provider**:

The contracting party may be a consortium/joint venture contracting as a formally constituted Joint Venture Partnership, in which all parties are jointly and severally liable. In terms of this definition, the words consortium and joint venture shall be regarded as synonymous.

Delete the definition of **Services** and replace with the following:

The work to be performed by the Service Provider based upon the relevant scope of construction works as described in the Scope of Work.

Add the following to the definition of **Start Date**:

The Start Date is the date when the service provider confirms receipt of one fully completed original copy of this document, including the acceptance part of the form of offer and acceptance, and schedule of deviations (if any).

Replace the words "time for completion" with "Period of Performance".

Add the following definition:

Intellectual Property

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

Clause 3

Delete the heading and replace with **"Governing law and policies"**

Add the following after clause 3.1

Clause 3.2

The parties agree that this contract shall also be subject to the Employer's Supply Chain Management Policy ('SCM Policy') that was applicable on the date the bid was advertised, **save that if the Employer 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 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 in cancellation of the contract, restriction of the supplier, and/or the exercise by the Employer of any other remedies available to it as described in the SCM Policy.

Clause 3.2

Replace the words "time for completion" with "Period of Performance".

Clause 3.4 and Clause 4.3.2:

Add the following:

The authorised and designated representative of the Employer is the **Director: ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION**.

The address for receipt of communications is:

Physical Address: Tower Block
Civic Centre
12 Hertzog Boulevard
CAPE TOWN
8001

Clause 3.4.1:

Add the following to the first sentence:

... , and may be given as set out hereunder and shall be deemed to have been received when:
hand delivered – on the working day of delivery
sent by registered mail – five (5) working days after mailing
sent by email or telefax – one (1) working day after transmission

Clause 3.5:

Add the following:

The location for the performance of the Project will be the **OFFICE** of the service provider, together with the site of the proposed new pedestrian bridge situated within the City of Cape Town Municipal area. Key personnel will be expected to work out of the local office as the exigencies of this contract require. The address of the local office will be that as indicated on Schedule 1, Part T2.2: Returnable Schedules, and which will be regarded as the *domicilium citandi et executandi* for the purposes of any contract arising from this tender submission

Clause 3.9.1:

Add the following after f):

g) a change in the cost of the construction works applicable to the services

Clause 3.9.2:

Replace the words “6 weeks” with “21 days”.

Add the following at the end of the clause:

Should any of the event described in clause 3.9.1 occur, the professional fees and disbursement may be adjusted in a fair and reasonable manner. The Service Provider shall, however, not be entitled to an adjustment to the extent that the variation is due to the negligence or default of the Service Provider. The Service Provider is required to provide all necessary substantiating documents required by the employer to evaluate the request for variation.

Clause 3.9.3:

Delete the clause and replace with the following:

The Employer shall assess the changes to the Contract Price proposed by the Service Provider on any fair and reasonable basis. The Employer may assess these changes on the effect of the event on the Services based on the time-based fees as stated in the Pricing Data.

Clause 3.9.2:

Replace the words “6 weeks” with “21 days”.

Clause 3.9.3:

Add the following:

The time-based fees used to determine changes to the Contract Price are as stated in the Pricing Data.

Clause 3.12

Delete the heading and replace with “Penalties and fines”

Clause 3.12.1

Add the following:

Where the service provider fails to perform quality assurance inspections within agreed timelines, which results in delay claims by manufacturers/contractor, the following penalties will apply:

- Penalty: 1% of the manufacturer/contractor's delay cost claim per day, capped at 10% per claim.

Add the following after 3.12.2

Clause 3.12.3

The Employer may impose the following additional penalties or fines:

- a) Penalties for breach of conditions of granting preferences in terms of the **Preference Schedule**.
- b) Penalties for failure to meet targeted labour and local enterprises contract participation goals (if applicable)
- c) Any other fines or penalties levied in accordance with any of the specifications.

Clause 3.15.1:

Add the following:

The programme shall be submitted within **14** days of the Start Date.

Clause 3.16.2:

Replace the words “in which the start date falls” with “prior to the closing date of the tender”.

Add the following:

The indices are those contained in Table A of the P0141 Consumer Price Index for the **CPI for services** published by Statistics South Africa.

Clause 3.17: Price adjustment due to content imported from outside South Africa

Add the following clause after clause 3.16

3.17.1 General

3.17.1.1 Price adjustment of any resources imported from outside the Republic of South Africa will be permitted **only** in respect of the following variables:

- a) Variations in Rates of Exchange as detailed in Clause 3.17.2,
- b) Variations in Customs Surcharge and Customs Duty as detailed in Clause 3.17.3, and
- c) Labour and material cost variations in the relevant industries of the countries from which the resources are imported as detailed in Clause 3.17.5.

3.17.1.2 The value of any resources imported from outside South Africa inserted in the schedule titled **Price Basis for Imported Resources** and subject to Clause 3.17.2 shall be deducted from the total values to be adjusted by the Contract Price Adjustment Factor. Any resources not inserted in the schedule titled **Price Basis for Imported Resources** shall be deemed not to be imported into South Africa for the purposes of Contract Price Adjustment.

3.17.2 Variations in Rates of Exchange

3.17.2.1 Adjustment for variations in rates of exchange shall be based on the following:

- a) The Tenderer shall have completed the schedule titled Price Basis for Imported Resources for all imported resources intended to be subject to variations in rates of exchange, subject to the following:
 - I. the value in foreign currency inserted in column (A) shall be subject to Clause 3.17.2 (e) when recalculating the Rand value,
 - II. the rate of exchange inserted in column (B) shall be the closing spot selling rate quoted by Council's main banker, Nedbank, on the Base Date, rounded to the second decimal place, subject to sub-paragraph iii. below,
 - III. if the rate of exchange inserted by the Tenderer differs from the Nedbank rate referred to above, then the Nedbank rate shall apply and the Rand value in columns (C) and (F) shall be recalculated accordingly, without altering the price in the Pricing Schedule for the relevant items, and
 - IV. if a quotation from a supplier or sub-contractor provides for variations in rates of exchange, the Service Provider may only claim for variations in rates of exchange if he binds the supplier or sub-contractor to the same provision to take out forward cover as described in sub-paragraph (b) below.
- b) The Service Provider (or supplier or sub-contractor) shall within five working days from the date of placing a firm order on an overseas supplier, cover or recover 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 resources inserted by the Tenderer in the schedule titled **Price Basis for Imported Resources**.

- c) When the Service Provider (or supplier or sub-contractor) so obtains forward cover, the Service Provider shall immediately notify the Employer of the rate obtained and furnish the Employer with a copy of the foreign exchange contract note.
- d) Based on the evidence provided in sub-paragraph (c) above, the value in Rand inserted in column (C) of 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 Clause 3.17.5 shall be adjusted accordingly, subject to sub-paragraph (e) below.
- e) The adjustments shall be calculated upon the value in foreign currency in the Service Provider's (or supplier's or sub-contractor's) **forward cover contract**, provided that, should this value exceed the value in foreign currency inserted in column (A) of the schedule titled **Price Basis for Imported Resources**, then the value in column (A) shall be used.

3.17.3 Variations in Customs Surcharge and Customs Duty

- a) Any increase or decrease in the Rand value between the amounts of Customs Surcharge and Customs Duty inserted in 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.
- b) The Tenderer shall state the Customs Duty Tariff Reference applicable to each item and the Service Provider shall advise the Employer of any changes which occur.

3.17.4 Value of Imported resources at Base Date

3.17.4.1 The Rand value of imported resources inserted in the schedule titled **Price Basis for Imported Resources** (column (F)) shall be the value in foreign currency (column (A)) converted to South African Rand (column (C)) by using the closing spot selling rate quoted by Council's main banker, Nedbank, on the Base 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)).

3.17.5 Variation in labour and material costs of imported resources

3.17.5.1 If the prices for imported resources are not fixed, the Service Provider shall in his Tender specify the formula for calculating Contract Price Adjustments normally used in the country of manufacture and the indices and relative proportions of labour and material on which his Tender prices are based. Evidence of the indices applicable shall be provided with each claim. The indices applicable 42 days before contractual dispatch date from the factory will be used for the purposes of Contract Price Adjustment.

3.17.5.2 Failure to specify a formula in the Tender shall mean that the prices are fixed or shall be deemed to be fixed.

Clause 3.18 Protection of Personal Information Act of 2013

- 3.18.1 By submitting a tender to the Employer, (and by concluding any ensuing related agreement with the City of Cape Town, if applicable), the Contractor thereby acknowledges and unconditionally agrees:
- 3.18.2 that the Contractor 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 Employer's reporting purposes;
- 3.18.3 to the collection and processing of the Contractor's personal information by the Employer and agrees to make available to the Employer, all information reasonably required by the Employer for the above purposes;
- 3.18.4 that the personal information the Employer collects from the Contractor or about the Contractor 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;
- 3.18.5 that, the Contractor indemnifies the Employer and its officials, employees, and directors and undertakes to keep the Employer 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 Employer (including the costs incurred in defending or contesting any such claim) in relation to the Contractor or

the Contractor's employees', representatives' and/or sub-Suppliers' non-compliance with POPIA and/or the Employer's failure to obtain the Contractor's consent or to notify the Contractor of the reason for the processing of the Contractor's personal information;

- 3.18.6 to the disclosure of the Contractor's personal information by the Employer to any third party, where the Employer has a legal or contractual obligation to disclose such personal information to the third party (or a legitimate interest exists therein);
- 3.18.7 that, under POPIA, the Contractor may request to access, confirm, request the correction, destruction, or deletion of, or request a description of, personal information held by the Employer in relation to you, subject to applicable law; and
- 3.18.8 that under POPIA, subject to applicable law, the Contractor also has the right to be notified of a personal information breach and the right to object to, or restrict, the Employer's processing of its personal information.
- 3.18.9 All requests relating to data protection must be submitted in writing to:
The City Manager - C/o the Information Officer, Corporate Services Directorate
Via hand delivery at: 20th Floor, Tower Block, 12 Hertzog Boulevard, Cape Town 8001
Via post at: Private Bag X918, Cape Town, 8000
Via fax at: 086 202 9982
Via email at: Popia@capetown.gov.za.

Clause 4.7:

Add the following:

Payment of the tendered basic fee for normal services shall be in accordance with Clause 9 in Part C2.1 Pricing Assumptions.

Add the following clause after Clause 4.7:

Clause 4.8 Performance Monitoring

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.

Clause 5.4.1:

Add the following:

The Service Provider is required to take out and maintain, for the full duration of the performance of this contract, the following insurance cover:

- a) Professional Indemnity (PI) insurance providing cover in an amount of not less than R5 000 000 in respect of each and every claim during the period of insurance. Where the entity tendering is a joint venture then the value of the PI insurance cover required may be shared between the joint venture partners in proportion to the percentage contribution of each party to the joint venture.
- b) Public Liability insurance with a limit of indemnity of not less than R5 000 000 for any single claim, the number of claims to be unlimited during the contract period.
- c) Insurance in terms of the provisions of the Compensation for Occupational Injuries and Diseases (COID) Act No. 130 of 1993.

The Service Provider shall ensure that any sub-contractors engaged in construction activities shall, in addition to the Public Liability and COID Insurances as described above, also take out and maintain contractors all risks insurance to the value of the work being undertaken.

Clause 5.4.2

Add the following:

Evidence of insurance or confirmation (warranty) from a reputable Insurance Broker that the required insurances are in place, shall be submitted within **14** days of the Start Date.

Add the following clause after Clause 5.4.2:

5.4.3 The Service Provider shall maintain the insurance policy/ies for the duration of the liability period in terms of Clause 13.4 and shall upon request by the Employer provide periodic proof of such insurance.

Clause 5.5:

Add the following:

The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions:

- a) Replacing any of the key personnel listed at the time of tender.
- b) Occupying any public land or facility for any purpose that will cause disruption and or inconvenience to the users of such land or facility in respect of any construction contract.
- c) Making a material change, addition or omission from the approved designs.
- d) The exercising of any discretion in terms of any terms and conditions in this contract, that results in the utilisation of any of the contingency allowance, increasing the contract value or awarding any additional time as detailed in the relevant contract conditions.
- e) Permitting advance payment for items not listed in the Advance Payment Schedule.
- f) Nominating the Employer's Agent Representative.
- g) Delegation of Employer's Agent authority in terms.
- h) Granting permission to work during non-working times.
- i) Suspend the progress of the works.
- j) The issuing of an instruction to accelerate progress.

Clause 6.4:

Add the following clause after Clause 6.3:

6.4 Conflict of interest

The Service Provider shall immediately disclose any potential conflict of interest or involvement in the project other than a professional interest in terms of this Contract.

Clause 7.1.2

Add the following:

Key Persons shall be those individuals listed under "Key personnel" in Part C3.1 Scope of Work.

Clause 7.2.1:

Add the following:

The Service Provider shall provide appropriate Personnel for such time periods as required and shall enter all data pertaining to Personnel and Key Persons on the Personnel Schedule (comprised of Schedules 9 and 16, Part T2.2 : Returnable Schedules).

Clause 8.1:

Add the following:

The Service Provider is to commence the performance of the Services within **14** days of the Start Date.

Clause 8.4.1:

Delete "or" at the end of Clause 8.4.1(d) and add the following three clauses after Clause 8.4.1(e):

- f) if the Service Provider has failed to provide the required insurances within the prescribed time;
- g) if the Service Provider has committed a corrupt or fraudulent act during the tender process or the execution of the Contract;
- h) if the Service Provider has benefitted from an official or other role player committing any corrupt or fraudulent act during the tender process or in the execution of the Contract;
- i) 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, provided the Employer follows the processes as described in its SCM Policy; or
- j) The implementation of the contract may result in reputational risk or harm to the City as a result of (inter alia):
 - (i) reports of poor governance and/or unethical behaviour;
 - (ii) association with known notorious individuals and family of notorious individuals;
 - (iii) poor performance issues, known to the Employer;
 - (iv) negative social media reports;
 - (v) adverse assurance (e.g. due diligence) report outcomes;
 - (vi) where the contractor has been restricted from doing business with the Employer; or
 - (vii) 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.;

Clause 8.4.3(c):

Add the following:

The period of suspension under Clause 8.5 is not to exceed 6 months.

Clause 8.4.4:

Delete the content of this clause and replace with the following:

Upon termination of this Contract pursuant to Clauses 8.4.1 or 8.4.3, the Employer shall remunerate the Service Provider in terms of the Contract for Services satisfactorily performed prior to the effective date of termination and reimburse the Service Provider without adjustment to the agreed rates, sums or fees and without payment of any penalty or surcharge, including any pro-rata payment for partially completed Services, except in the case of termination pursuant to events (c) and (d) of Clause 8.4.1.

Add the following after clause 8.4.5:

Clause 8.4.6

In addition to anything else contained in this contract, the Employer may make either of the following elections to ensure its rights are protected and any negative impact on service delivery is mitigated in instances where the Service Provider has been liquidated:

at any time, terminate the Contract by giving written notice to the Supplier; or

- a) accept a contractor's proposal (via the trustee / 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..

Clause 9:

Delete the clause and replace with the following:

- 9.1 The Service Provider acknowledges that it shall not acquire any right, title or interest in or to the Intellectual Property of the Employer.
- 9.2 The Service Provider hereby assigns to the Employer, all Intellectual Property created, developed or otherwise brought into existence by it for the purposes of the contract, unless the Parties expressly agree otherwise in writing.
- 9.3 The Service Provider shall, and warrants that it shall:
 - 9.3.1 not be entitled to use the Employer's Intellectual Property for any purpose other than as contemplated in this contract;
 - 9.3.2 not modify, add to, change or alter the Employer's Intellectual Property, or any information or data related thereto, nor may the Service Provider 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 Employer;
 - 9.3.3 not apply for or obtain registration of any domain name, trademark or design which is similar to any Intellectual Property of the Employer;
 - 9.3.4 comply with all reasonable directions or instructions given to it by the Employer in relation to the form and manner of use of the Employer's Intellectual Property, including without limitation, any brand guidelines which the Employer may provide to the Service Provider from time to time;
 - 9.3.5 procure that its employees, directors, members and contractors comply strictly with the provisions of clauses 9.3.1 to 9.3.3 above; unless the Employer expressly agrees thereto in writing after obtaining due internal authority.
- 9.4 The Service Provider represents and warrants to the Employer that, in providing goods, services or both, as the case may be, for the duration of the contract, it will not infringe or make unauthorised use of the Intellectual Property rights of any third party and hereby indemnifies the Employer from any claims, liability, loss, damages, costs, and expenses arising from the infringement or unauthorised use by the Service Provider of any third party's Intellectual Property rights.
- 9.5 In the event that the contract is cancelled, terminated, ended or is declared void, any and all of the Employer's Intellectual Property, and any and all information and data related thereto, shall be immediately handed over to the Employer by the Service Provider and no copies thereof shall be retained by the Service Provider unless the Employer expressly and in writing, after obtaining due internal authority, agrees otherwise.
- 9.6 Copyright of all documents prepared for the project, and the patent rights or ownership in any plant, machine, item, system or process designed or devised, shall be vested with the Employer. Where copyright is vested in the Service Provider, the Employer shall be entitled to use the documents or copy them only for the purposes for which they are intended in regard to the Project and need not obtain the Service Provider's permission to copy for such use. Where copyright is vested in the Employer, the Service Provider shall not be liable in any way for the use of any of the information other than as originally intended for the Project and the Employer hereby indemnifies the Service Provider against any claim which may be made against him by any party arising from the use of such documentation for other purposes.
- 9.7 The ownership of data and factual information collected by the Service Provider and paid for by the Employer shall, after payment by the Employer, lie with the Employer.
- 9.8 The Employer shall have no right to use any documents prepared by the Service Provider whilst the payment of any fees and expenses due to the Service Provider in terms of the Contract is overdue.

Clause 11.1:

Add the following:

A Service Provider may not sub-contract any work which he has the skill and competency to perform, unless he has the Employer's prior approval in writing.

Clause 12.1.2:

Add the following:

Interim settlement of disputes is to be by **mediation / adjudication**.

Clause 12.2.1:

Add the following:

In the event that the parties fail to agree on a mediator, the mediator is nominated by the **President of the South African Institution of Electrical Engineering**.

Clause 12.2.4:

Add the following:

Final settlement is by **litigation**.

Clause 12.3.3:

In the event that the parties fail to agree on an adjudicator, the adjudicator is nominated by the **President of the South African Institution of Electrical Engineering**.

Clause 13.1:

Add the following clause after Clause 13.1.3:

- 13.1.4 The Employer and the Service Provider shall enter into an agreement to complete the Services required for the Project in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act No. 85 of 1993 and the Construction Regulations, 2014 promulgated thereunder.

An agreement is included in the Contract Document (C1.3 of Contract Data) and shall be completed and submitted to the Employer together with a letter of good standing from the Compensation Commissioner (if not insured with a licenced compensation insurer) within fourteen (14) days of the Start Date. The Service Provider shall ensure that any letter of good standing shall be timeously renewed in order that it remains in full force for the duration of the Contract.

Clause 13.4:

Delete the content of this clause and replace with the following:

Notwithstanding the terms of the Prescription Act No. 68 of 1969 (as amended) or any other applicable statute of limitation neither the Employer nor the Service Provider shall be held liable for any loss or damage resulting from any occurrence unless a claim is formally made within a liability period of five years, which period shall commence on the earlier of:

- (a) Final completion of the construction contract.
- (b) Suspension, postponement, expiry or termination of all construction contracts.
- (c) Cancellation or termination of this Contract.

Clause 13.7.3:

Add the following clause after Clause 13.7.2:

- 13.7.3 The Service Provider hereby indemnifies the Employer against all claims by third parties which arise out of or in connection with the Services rendered under this Contract and where such claims are the consequence of breach by the Service Provider to exercise reasonable professional skill, care and diligence in the exercising of its obligations.

Clause 14.5:

Add the following new clause after Clauses 14.4:

Clause 14.5: Tax Invoices

Section 20(1) of the Value Added Tax Act No. 89 of 1991 requires that a supplier (person supplying goods or services) who is registered as a VAT vendor issue to the recipient a tax invoice within 21 days of the date of a supply whether requested or not.

The Service Provider shall provide a tax invoice (VAT invoice) which shall be included with each account delivered to the Employer in terms of Clause 14. Failure by the Service Provider to provide a tax invoice (VAT invoice) timeously may delay payment by the Employer and no interest shall accrue.

Clause 14.6: More frequent payments

The Service Provider may submit a fully motivated application regarding more frequent payment to the Employer's Project Manager to be submitted to the Employer for consideration. Requests for more frequent payments will be considered at the sole discretion of the Employer and is not a right in terms of this contract.

Clause 15:

Add the following:

The interest rate will be the prime interest rate of the Employer's Bank at the time the amount is due.

Part 2: Data provided by the Service Provider

The **Service Provider** is:

Postal Address:

.....

Physical Address:.....

.....

Telephone:

Facsimile:

Email:.....

The **authorised and designated representative** of the Service Provider is:

Name:

The address for receipt of communication is:

Address:.....

.....

Telephone:

Facsimile:

Email:.....

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.3 Occupational Health and Safety Agreement

AGREEMENT MADE AND ENTERED INTO BETWEEN THE CITY OF CAPE TOWN (HEREINAFTER CALLED THE "EMPLOYER") AND

..... ,
(Service Provider/Mandatar/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, 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 (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 appended Occupational Health and Safety Conditions and undertake to comply therewith at all times.

I hereby also undertake to comply with the Occupational Health and Safety Specification and Plan.

Signed at on the day of 20

Witness

Mandatar

Signed at on the day of 20

Witness

for and on behalf of
City of Cape Town

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C1.4 Insurance Broker's Warranty

Pro Forma



Letterhead of Contractor's Insurance Broker

Date _____

CITY OF CAPE TOWN
City Manager
Civic Centre
12 Hertzog Boulevard
Cape Town
8000

Dear Sir

CONTRACT NO.: 115C/2025/26

CONTRACT TITLE: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

NAME OF CONTRACTOR: _____

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 CITY OF CAPE TOWN 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: _____

Part C2: Pricing Data

	Pages
C2.1 Pricing Assumptions.....	74 – 76
C2.2 Activity Schedule.....	77 – 130

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

C2.1 Pricing Assumptions

Pricing Assumptions mean the criteria as set out below, read together with all Parts of this contract document, which it will be assumed in the contract, that the tenderer has taken into account when developing his prices.

1. The short descriptions given in the Activity Schedule below are brief descriptions used to identify the activities for which prices are required. Detailed descriptions of the activities to be priced are provided in the Scope of Work.

Tenderers may submit bids for any single item, or all the items 1, 2, 3, 4, 5, 6 and 7 or any combinations of these items, by completing the relevant Activity Schedule:

2. For the purpose of the Activity Schedule, the following words shall have the meanings hereby assigned to them:

Unit:	The unit of measurement for each item of work.
Quantity:	The number of units of work for each item.
Rate:	The agreed payment per unit of measurement.
Amount:	The product of the quantity and the agreed rate for an item.
Sum:	An agreed lump sum payment amount for an item, the extent of which is described in the Scope of Work, but the quantity of work which is not measured in any units.
Percentage Fee:	The agreed fee for a service, the extent of which is described in the Scope of Work, expressed as a percentage of a construction contract value or part thereof.

3. A rate, sum, and/or price as applicable, is to be entered against each item in the Activity 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 Employer may also perform a risk analysis with regard to the reasonableness of such rates.
4. The rates, sums, and prices in the Activity Schedule are to be fully inclusive prices for the work described under the several items. Such prices and rates are to cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. The rates, sums and prices rates shall include for all payments to administrative, clerical and secretarial staff used to support professional and technical staff.
5. Where quantities are given in the Activity Schedule, these are provisional and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Activity Schedule. In respect of time based services, the allocation of staff must be agreed with the employer before such services are rendered.
6. Tenderers will note that the provisional rates for airfares, car hire and accommodation for travelling to the specified destination or part thereof, which for tendering purposes, are actual cost. Tenderers are required to insert their tendered percentage fee (% mark-up) and quantities with respect to these provisional rates in the spaces provided. For evaluation purposes the total travel cost to each destination shall be calculated using the provisional airfares, car hire and accommodation rates. Only one (flat rate) percentage fee per item may be tendered. A percentage fee tendered on a sliding scale will not be accepted.
7. Tendered time-based fees (where the unit of measurement is time based) shall be adjusted in terms of clause 3.16 of the Standard Professional Services Contract. All other rates, sums, percentage fees or prices (as applicable) tendered in the Activity Schedule shall be final and binding and shall not be subject to any variation throughout the period of the contract. This is due to the fact that the fee for normal services rendered is typically developed from a construction contract value which will be subject to escalation/contract

price adjustment, and the Service Provider will benefit from adjustments in this regard. In developing any other rates, (excluding time based), tenderers must make allowance for annual increases.

8. The categories of persons (A, B, C, D, as per Government Gazette Vol 606 4 December 2015 669 26 March 2021) in respect of time-based fee rates for professional services shall be as defined in the relevant guideline scope(s) of services (as referenced in the Specifications).

Category A: in respect of a private consulting practice in engineering, means a top practitioner whose expertise and relevant experience is nationally or internationally recognised and who provides advice at a level of specialisation where such advice is recognised as that of an expert.

Category B: in respect of a private consulting practice in engineering, means a partner, a sole proprietor, a director, or a member who, jointly or severally with other partners, co-directors or co-members, bears the risks of the business, or takes responsibility for the projects and related liabilities of such practice and where his/her level of expertise and relevant experience is commensurate with the position, performs work of a conceptual nature in engineering design and development, provides strategic guidance in planning and executing a project and/or carries responsibility for quality management pertaining to a project.

Category C: in respect of a private consulting practice in engineering, means all salaried professional staff with adequate expertise and relevant experience performing work of an engineering nature and who carry the direct technical responsibility for one or more specific activities related to a project. A person referred to in Category B may also fall in this category if such person performs work of an engineering nature at this level.

Category D: in respect of a private consulting practice in engineering, means all other salaried technical staff with adequate expertise and relevant experience performing work of an engineering nature with direction and control provided by any person contemplated in categories A, B or C.

9. A higher category person undertaking lower category work will be reimbursed, in respect of time-based fees, at the lower category rate.
10. Where additional services are required, the service provider shall, when called upon to do so by the Employer, submit a proposal in respect of such service to the Employer for approval. The Service Provider shall submit a realistic proposal based on the requirements of the project, and as set out in the Scope of Work, which may be accepted, or rejected, at the sole discretion of the Employer.
11. Where provisional sums are provided in respect of services, etc., these amounts may be omitted in part or in full should the services, etc. not be required. Where services are to be sub-contracted out by the Service Provider, which do not exceed R200 000,00 (including VAT) in value, the Service Provider will typically be required to invite three quotations from suitably qualified sub-consultants/contractors. Where the sub-contracted services are likely to exceed R200 000,00 (including VAT) in value, the Service Provider shall follow an open tender process in respect of this work. A mark up (extra over) in respect of all other costs, overhead charges and profit will be applicable in respect of all sub-contracted services not specifically itemised in the Activity Schedule.
12. Tenderers are to note that only those recoverable expenses listed in the Activity Schedule will be reimbursed to the Service Provider. No reimbursement of costs for subsistence, typing, printing/copying (other than reports and/or tender documents), communications or computer hardware and/or software will be made and these costs will be deemed to be included in rates, sums, and prices for normal and additional services rendered.
13. Items for printing/copying shall be for specified contract documents, reports, manuals and drawings, excluding general correspondence, minor reports, progress reports, etc. which shall be deemed to be included in the professional fees. Payment will only be made for copies of reports and drawings submitted to the Employer or issued, as specified or requested by the Employer, and all drafts shall be for the Service Provider's account.
14. Staff shall be reimbursed for travelling expenses for factory visits, for either the return office to site or return home to site journeys, whichever is the lesser. Part time monitoring staff shall be reimbursed for either the return office to site or return alternate site to site journeys, whichever is the lesser. Staff engaged in work outside of normal working hours shall be reimbursed for the return home to site journey.
15. Where the listed key personnel are based within the same city/town as the cities/towns specified in the Activity Schedule the tenderer shall indicated traveling by car only. Tenderers shall provide the total distance (inclusive of all return trips) and the per kilometre rate to the specified destination. The tenderer shall exclude the provisional rates provided (e.g. airfares, car hire or accommodation) by indicate next to the each travel item " Not Required".

Tenderers shall also indicate with a “dash (-)” next to the each travel item in the Amount Column, denoting the provisional rates is not required.

Where inspection services are required internationally the tendered rate for travel and accommodation shall be a percentage mark up on the actual costs. The Contractor shall only be permitted to claim this rate once approval to travel has been obtained in writing from the Employer. Costs shall be for Economy class flights (3 quotes required) and 2-star accommodation (3 quotes required).

13. Tenderers are to note that the planning for this contract is based on a three-year budget which is subject to change. While the Employer has every intention to complete the full scope of works, the Employer reserves the right to reduce or increase the scope of works according to the dictates of the budget, or to terminate this contract, without adjustment to the agreed rates, sums or fees and without payment of any penalty or surcharge in this regard. The Service Provider shall however be entitled to pro-rata payment for all services carried out in terms of any adjustment to the Scope of Work or, in the case of termination, remuneration and/or reimbursement as described in Clause 8.4.4 of the Standard Professional Services contract as amended by the Contract Data.
16. If the Service Provider deems it necessary to appoint a sub-consultant/ specialist in order to execute duties as detailed in the scope of work, the cost thereof must be included in the fee tendered for this aspect of the project.
17. All charges in respect of attendance at meetings (Clause 14, Part C3.1 Scope of Work) and the provision of secretarial services shall be included in the tendered basic fee for normal services (Item No. 1.1 of the Activity Schedule).
18. All charges in respect of attendance at meetings and the provision of secretarial services, shall be included in the tendered basic fee for normal services.
19. Where fractions of a cent occur in calculations of prices and amounts, they shall be rounded up/down to the nearest whole cent.
20. Clause C.2.13.11 in Part T1.2 Tender Data shall be applicable to the submission of Activity Schedules which have been priced electronically, and which the Tenderer wishes to submit as a printed version with his/her tender in the place of handwritten priced Activity Schedules.

If there is found to be any variance between the printed version and the original issued document, the original shall stand. However, where Addenda have been issued which amend the Activity Schedule, then the printed Activity Schedule shall take these into account.

The pages of the issued Activity Schedule should not be removed from the tender document.

21. For any variations in rates of exchange, which shall be for the Employer's account in accordance with Clause 3.17 of the Contract Specific Data in Part C1.2 Contract Data, the Tenderer is specifically referred to the Contractor's obligation to take out forward cover. The schedule titled Price Basis for Imported Plant and Materials is attached hereto and must be completed by the Tenderer, if applicable, in conjunction with pricing the relevant items in the Activity Schedules.
22. The rates provided in the Activity Schedule shall be used in representative Works Projects for tender evaluation purposes in accordance with Clause C.3.11.1 and Part T1.2 Tender Data, as well as in the allocation of individual Works Projects in accordance with Clause 16 in Part C1.2 Contract Data and the Procedure for allocation of Works Projects refer to therein.
23. Rates submitted in the respective Activity Schedule shall apply to works Projects executed at the defined locations.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

C2.2 Activity Schedule

ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES

NORMAL SERVICES

Sub-Item 1 : Report Stage per Supplier at several stages during the contract period

Item No.	Activity Description	Tendered Hours		Tendered Amount	
		Unit	Quantity Required**	Unit	Rate**
1.1	Evaluation of type test certification (per type tested cable system, HV, MV and LV – including 1 joint and 1 termination per cable size and type)				
	Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	
1.2	Evaluation of Manufacturer's Quality Assurance Plan				
	Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	
1.3	Final Report to Client				
	Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs			

** Quantities/hours to be provided by Tenderer.

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES

Sub-Item 2 : High Voltage Cable: Per batch of 3 drums of cable

Item No.	Activity Description	Tendered Amount			
		Unit		Rate**	
2.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
2.2 Travel costs to CBI, Vereeniging					
Travel costs; Travelling from _____ to CBI Electric, Vereeniging (via O.R. Tambo / Lanseria airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (if yes complete 2.2.1) By air travel (incl car hire) Yes / No (if yes complete 2.2.2)		
2.2.1	<u>By Road Travel Only</u> Travel costs to CBI Electric, Vereeniging –	Unit	Quantity*	Unit	Rate**
2.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.2.1.3	Subsistence in respect of CBI Electric, Vereeniging, South Africa (per return trip per inspection)	days		R/day	
2.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.2.2	<u>By Air Travel Only</u> Travel costs CBI Electric, Vereeniging –	Unit	Quantity*	Unit	Rate**
2.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.2.2	Subsistence in respect of CBI Electric, Vereeniging, South Africa (per return trip per inspection)	days		R/day	
2.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required***	% Markup on actual cost		%	
2.2.2.4	Airfare (per return trip): ***	% Markup on actual cost		%	
2.2.2.5	Car Hire (or Taxi) : ***	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES**Sub-Item 2 : High Voltage Cable: Per batch of 3 drums of cable**

2.3 Travel costs to Aberdare Cables, Port Elizabeth					
Travel costs; Travelling from _____ to Aberdare Cables, Port Elizabeth (GQEberha International Airport)					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 2.3.1) By air travel (incl car hire) Yes / No (if yes complete 2.3.2)			
2.3.1	<u>By Road Travel Only</u> Travel costs Aberdare Cables, Port Elizabeth –	Unit	Quantity*	Unit	Rate**
2.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.3.1.3	Subsistence in respect of Aberdare Cables, Port Elizabeth, South Africa (per return trip per inspection)	days		R/day	
2.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.3.2	<u>By Air Travel Only</u> Travel costs to Aberdare Cables, Port Elizabeth –	Unit	Quantity*	Unit	Rate**
2.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.2.2	Subsistence in respect of Aberdare Cables, Port Elizabeth, South Africa (per return trip per inspection)	days		R/day	
2.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES**Sub-Item 3 : Medium Voltage Cable: Per Batch of 3 drums of Cable**

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
3.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
3.2 Travel costs to CBI, Vereeniging					
Travel costs; Travelling from _____ to CBI Electric, Vereeniging (via O.R. Tambo / Lanseria airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 3.2.1) By air travel (incl car hire) Yes / No (if yes complete 3.2.2)		
3.2.1	<u>By Road Travel Only</u> Travel costs to CBI Electric, Vereeniging –	Unit	Quantity*	Unit	Rate**
3.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
3.2.1.3	Subsistence in respect of CBI Electric, Vereeniging, South Africa (per return trip per inspection)	days		R/day	
3.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.2.2	<u>By Air Travel Only</u> Travel costs to CBI Electric, Vereeniging –	Unit	Quantity*	Unit	Rate**
3.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.2.2.2	Subsistence in respect of CBI Electric, Vereeniging, South Africa (per return trip per inspection)	days		R/day	
3.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES

Sub-Item 3 : Medium Voltage Cable: Per batch of 3 drums of cable

3.3 Travel costs to Aberdare Cables, Port Elizabeth					
Travel costs; Travelling from _____ to Aberdare Cables, Port Elizabeth: (GQEberha International Airport) Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (if yes complete 3.3.1) By air travel (incl car hire) Yes / No (if yes complete 3.3.2)			
3.3.1	<u>By Road Travel Only</u> Travel costs to Aberdare Cables, Port Elizabeth –	Unit	Quantity*	Unit	Rate**
3.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
3.3.1.3	Subsistence in respect of Aberdare Cables, Port Elizabeth, South Africa (per return trip per inspection)	days		R/day	
3.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.3.2	<u>By Air Travel Only</u> Travel costs to Aberdare Cables, Port Elizabeth –	Unit	Quantity*	Unit	Rate**
3.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.3.2.2	Subsistence in respect of Aberdare Cables, Port Elizabeth, South Africa (per return trip per inspection)	days		R/day	
3.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES

Sub-Item 4 : Low Voltage Cable: Per batch of 3 drums of cable

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
4.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
4.2 Travel costs to CBI, Vereeniging					
Travel costs; Travelling from _____ to CBI, Vereeniging: (via O.R. Tambo / Lanseria airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 4.2.1) By air travel (incl car hire) Yes / No (if yes complete 4.2.2)		
4.2.1	<u>By Road Travel Only</u> Travel costs to CBI, Vereeniging –	Unit	Quantity*	Unit	Rate**
4.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
4.2.1.3	Subsistence in respect of CBI, Vereeniging, South Africa (per return trip per inspection)	days		R/day	
4.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
4.2.2	<u>By Air Travel Only</u> Travel costs to CBI, Vereeniging –	Unit	Quantity*	Unit	Rate**
4.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.2.2.2	Subsistence in respect of CBI, Vereeniging, South Africa (per return trip per inspection)	days		R/day	
4.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
4.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
4.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup where air travel will be used

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES**Sub-Item 4 : Low Voltage Cable: Per batch of 3 drums of cable**

4.3 Travel costs to Aberdare Cables, Pietermaritzburg					
Travel costs; Travelling from _____ to Aberdare Cables, Pietermaritzburg: (via King Shaka/Pietermaritzburg airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 4.3.1) By air travel (incl car hire) Yes / No (if yes complete 4.3.2)		
4.3.1	<u>By Road Travel Only</u> Travel costs to Aberdare Cables, Pietermaritzburg	Unit	Quantity*	Unit	Rate**
4.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
4.3.1.3	Subsistence in respect of Aberdare Cables, Pietermaritzburg, South Africa (per return trip per inspection)	days		R/day	
4.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
4.3.2	<u>By Air Travel Only</u> Travel costs to Aberdare Cables, Pietermaritzburg –	Unit	Quantity*	Unit	Rate**
4.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.3.2.2	Subsistence in respect of Aberdare Cables, Pietermaritzburg, South Africa (per return trip per inspection)	days		R/day	
4.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
4.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
4.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN**ENERGY : ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.****ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES****Sub-Item 5 : Recoverable Expenses (Disbursements)**

Item No.	Activity Description	Unit	Rate
5.1	Recoverable expenses in respect of printing/copying as specified below:		
5.1.1	Printing: size A0	per page	
5.1.2	Printing: size A1	per page	
5.1.3	Printing: size A2	per page	
5.1.4	Printing: size A3	per page	
5.1.5	Printing/copying: size A4 (reports and tender documents only)	per page	
5.1.6	Compilation and binding of reports/ tender documents, books and drawings	Lot	
Provisional Sum approved by Engineer		Unit	Rate
5.1	Provisional Sum in respect of all other costs approved (Only to be used upon instruction of the Employer)	Lot	R200 000
5.2	Markup on Provisional Sum of R200 000 in respect of all other costs approved (including any other manufacturing location)	%	

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY : ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 1 : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLE AND ACCESSORIES

I, the undersigned, do hereby declare that the above is a properly priced Activity Schedule forming part of this Contract Document upon which my/our tender for Tender No. **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS** has been based. If I/we have submitted a printed version of the Activity Schedule, I/we warrant that no amendments have been made to it from the original, other than amendments issued in any Addenda in terms of Clause C.3.2 in Part T1.2 Tender Data.

SIGNED ON BEHALF OF THE TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Normal Services

Sub-Item 1 : Report Stage per Supplier at several stages during the contract period

Item No.	Activity Description	Tendered Hours		Tendered Amount	
		Unit	Quantity Required**	Unit	Rate**
1.1	Evaluation of type test certification Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	
1.2	Evaluation of Manufacturer's Quality Assurance Plan Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	
1.3	Final Report to Client Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	

** Quantities to be provided by Tenderer

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 2: 72,5kV and 145kV Air Insulated Outdoor Circuit Breakers – order of 4 units

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
2.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
2.2 Travel costs to Siemens, Germany					
Travel costs; Travelling from _____ to Siemens, Germany (via Berlin Tegel airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 3.2.1) By air travel (incl car hire) Yes / No (if yes complete 3.2.2)			
2.2.1	<u>By Road Travel Only</u> Travel costs to Siemens, Germany –	Unit	Quantity*	Unit	Rate**
2.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.2.1.3	Subsistence in respect of Siemens, Germany (per return trip per inspection)	days		R/day	
2.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.2.2	<u>By Air Travel Only</u> Travel costs to Siemens, Germany –	Unit	Quantity*	Unit	Rate**
2.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.2.2	Subsistence in respect of Siemens, Germany (per return trip per inspection)	days		R/day	
2.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 2: 145kV Air Insulated Outdoor Circuit Breakers – order of 4 units

2.3 Travel costs to ABB/ Hitachi, Sweden					
Travel costs; Travelling from _____ to ABB/ Hitachi, Sweden (via Stockholm-Vasteras airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 3.3.1) By air travel (incl car hire) Yes / No (if yes complete 3.3.2)		
2.3.1	<u>By Road Travel Only</u> Travel costs to ABB/ Hitachi, Sweden –	Unit	Quantity*	Unit	Rate**
2.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.3.1.3	Subsistence in respect of ABB/ Hitachi, Sweden (per return trip per inspection)	days		R/day	
2.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.3.2	<u>By Air Travel Only</u> Travel costs to ABB/ Hitachi, Sweden –	Unit	Quantity*	Unit	Rate**
2.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.2.2	Subsistence in respect of ABB/ Hitachi, Sweden (per return trip per inspection)	days		R/day	
2.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 3: 72,5kV and 145kV Gas Insulated Switchgear (GIS) – ORDER OF 4 BAYS

Item No.	Activity Description	Tendered Amount			
		Unit	Quantity*	Unit	Rate**
3.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
3.2 Travel costs to Siemens, India Travel costs; Travelling from _____ to Siemens, India (via Mumbai International airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 4.2.1) By air travel (incl car hire) Yes / No (if yes complete 4.2.2)		
3.2.1	<u>By Road Travel Only</u> Travel costs to Siemens, India –	Unit	Quantity*	Unit	Rate**
3.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
3.2.1.3	Subsistence in respect of Siemens, India (per return trip per inspection)	days		R/day	
3.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.2.2	<u>By Air Travel Only</u> Travel costs to Siemens, India –	Unit	Quantity*	Unit	Rate**
3.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.2.2.2	Subsistence in respect of Siemens, India (per return trip per inspection)	days		R/day	
3.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 3: 72,5kV and 145kV Gas Insulated Switchgear – ORDER OF 4 BAYS (continues)

3.3 Travel costs to XD, China					
Travel costs; Travelling from _____ to XD, China (via Xi'an Xianyang International Airport): <i>Tenderer to insert location</i>					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 4.3.1) By air travel (incl car hire) Yes / No (if yes complete 4.3.2)		
3.3.1	<u>By Road Travel Only</u> Travel costs to XD, China –	Unit	Quantity*	Unit	Rate**
3.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
3.3.1.3	Subsistence in respect of XD, China (per return trip per inspection)	days		R/day	
3.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.3.2	<u>By Air Travel Only</u> Travel costs to XD, China –	Unit	Quantity*	Unit	Rate**
3.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.3.2.2	Subsistence in respect of XD, China (per return trip per inspection)	days		R/day	
3.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 3: 72,5kV and 145kV Gas Insulated Switchgear – ORDER OF 4 BAYS (continues)

3.4 Travel costs to Hitachi, India					
Travel costs; Travelling from _____ to Hitachi, India (via Ahmedabad International Airport): <i>Tenderer to insert location</i>					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 4.3.1) By air travel (incl car hire) Yes / No (if yes complete 4.3.2)		
3.4.1	<u>By Road Travel Only</u> Travel costs to Hitachi, India –	Unit	Quantity*	Unit	Rate**
3.4.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.4.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
3.4.1.3	Subsistence in respect of Hitachi, India (per return trip per inspection)	days		R/day	
3.4.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.4.2	<u>By Air Travel Only</u> Travel costs to Hitachi, India –	Unit	Quantity*	Unit	Rate**
3.4.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.4.2.2	Subsistence in respect of Hitachi, India (per return trip per inspection)	days		R/day	
3.4.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.4.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.4.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 4: 72,5kV and 145kV HYBRID Switchgear – PER BAY

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
4.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
4.2 Travel costs to Siemens, Germany					
Travel costs; Travelling from _____ to Siemens, Germany (via Berlin Tegel airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 5.2.1) By air travel (incl car hire) Yes / No (if yes complete 5.2.2)			
4.2.1	<u>By Road Travel Only</u> Travel costs to Siemens, Germany –	Unit	Quantity*	Unit	Rate**
4.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
4.2.1.3	Subsistence in respect of Siemens, Germany (per return trip per inspection)	days		R/day	
4.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
4.2.2	<u>By Air Travel Only</u> Travel costs to Siemens, Germany –	Unit	Quantity*	Unit	Rate**
4.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.2.2.2	Subsistence in respect of Siemens, Germany (per return trip per inspection)	days		R/day	
4.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
4.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
4.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire - **NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.**

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 4: 72,5kV and 145kV HYBRID Switchgear – PER BAY (continues)

4.3 Travel costs to ABB/ Hitachi/ Hitachi, Italy					
Travel costs; Travelling from _____ to ABB/ Hitachi, Italy (via Linate airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 5.3.1) By air travel (incl car hire) Yes / No (if yes complete 5.3.2)		
4.3.1	<u>By Road Travel Only</u> Travel costs to ABB/ Hitachi, Italy –	Unit	Quantity*	Unit	Rate**
4.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
4.3.1.3	Subsistence in respect of ABB/ Hitachi, Italy (per return trip per inspection)	days		R/day	
4.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
4.3.2	<u>By Air Travel Only</u> Travel costs to ABB/ Hitachi, Italy –	Unit	Quantity*	Unit	Rate**
4.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.3.2.2	Subsistence in respect of ABB/ Hitachi, Italy (per return trip per inspection)	days		R/day	
4.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
4.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
4.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 5: 72,5kV and 145kV Air Insulated Outdoor Disconnectors – order of 3 units

Item No.	Activity Description	Tendered Amount			
		Unit		Rate**	
5.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
5.2 Travel costs to ABB/ Hitachi, India					
Travel costs; Travelling from _____ to ABB/ Hitachi, India (via Vadodara airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 6.2.1) By air travel (incl car hire) Yes / No (if yes complete 6.2.2)		
5.2.1	<u>By Road Travel Only</u> Travel costs to ABB/ Hitachi, India –	Unit	Quantity*	Unit	Rate**
5.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
5.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
5.2.1.3	Subsistence in respect of ABB/ Hitachi, India (per return trip per inspection)	days		R/day	
5.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
5.2.2	<u>By Air Travel Only</u> Travel costs to ABB/ Hitachi, India –	Unit	Quantity*	Unit	Rate**
5.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
5.2.2.2	Subsistence in respect of ABB/ Hitachi, India (per return trip per inspection)	days		R/day	
5.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
5.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
5.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 5: 72,5kV and 145kV Air Insulated Outdoor Disconnectors – order of 3 units

5.3 Travel costs to Coelme, Italy					
Travel costs; Travelling from _____ to Coelme, Italy (via Treviso airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 6.3.1) By air travel (incl car hire) Yes / No (if yes complete 6.3.2)		
5.3.1	<u>By Road Travel Only</u> Travel costs to Coelme, Italy –	Unit	Quantity*	Unit	Rate**
5.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
5.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
5.3.1.3	Subsistence in respect of Coelme, Italy (per return trip per inspection)	days		R/day	
5.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
5.3.2	<u>By Air Travel Only</u> Travel costs to Coelme, Italy –	Unit	Quantity*	Unit	Rate**
5.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
5.3.2.2	Subsistence in respect of Coelme, Italy (per return trip per inspection)	days		R/day	
5.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
5.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
5.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 6: 72,5kV Disconnectors (order of 3), Current Transformers (order of 3), Voltage Transformers (order of 3) and Post Insulators (order of 3 units)

Item No.	Activity Description	Tendered Amount			
		Unit	Quantity*	Unit	Rate**
6.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
6.2 Travel costs to ABB/ Hitachi, Italy Travel costs; Travelling from _____ to ABB/ Hitachi, Italy (via Linate airport): <i>Tenderer to insert location</i>					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (if yes complete 7.2.1) By air travel (incl car hire) Yes / No (if yes complete 7.2.2)		
6.2.1	<u>By Road Travel Only</u> Travel costs to ABB/ Hitachi, Italy –	Unit	Quantity*	Unit	Rate**
6.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
6.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
6.2.1.3	Subsistence in respect of ABB/ Hitachi, Italy (per return trip per inspection)	days		R/day	
6.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
6.2.2	<u>By Air Travel Only</u> Travel costs to ABB/ Hitachi, Italy –	Unit	Quantity*	Unit	Rate**
6.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
6.2.2.2	Subsistence in respect of ABB/ Hitachi, Italy (per return trip per inspection)	days		R/day	
6.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
6.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
6.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Sub-Item 6: 72,5kV Disconnectors (order of 3), Current Transformers (order of 3), Voltage Transformers (order of 3) and Post Insulators (order of 3 units)

6.3 Travel costs to Trench, Italy					
Travel costs; Travelling from _____ to Trench, Italy (via Riviera airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 7.3.1) By air travel (incl car hire) Yes / No (if yes complete 7.3.2)		
6.3.1	<u>By Road Travel Only</u> Travel costs to Trench, Italy –	Unit	Quantity*	Unit	Rate**
6.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
6.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
6.3.1.3	Subsistence in respect of Trench, Italy (per return trip per inspection)	days		R/day	
6.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
6.3.2	<u>By Air Travel Only</u> Travel costs to Trench, Italy –	Unit	Quantity*	Unit	Rate**
6.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
6.3.2.2	Subsistence in respect of Trench, Italy (per return trip per inspection)	days		R/day	
6.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
6.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
6.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN**ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.****ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR****Sub-Item 7: Recoverable Expenses (Disbursements)**

Item No.	Activity Description	Unit	Rate
7.1	Recoverable expenses in respect of printing/copying as specified below:		
7.1.1	Printing: size A0	per page	
7.1.2	Printing: size A1	per page	
7.1.3	Printing: size A2	per page	
7.1.4	Printing: size A3	per page	
7.1.5	Printing/copying: size A4 (reports and tender documents only)	per page	
7.1.6	Compilation and binding of reports/ tender documents, books and drawings	Lot	
Provisional Sum approved by Engineer		Unit	Rate
7.2	Provisional Sum in respect of all other costs approved (Only to be used upon instruction of the Employer, as per Clause 8.2 Pricing Schedule)	Lot	R200 000
7.3	Markup on Provisional Sum of R200 000 in respect of all other costs approved (including any other manufacturing location)	%	

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 2 : QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

I, the undersigned, do hereby declare that the above is a properly priced Activity Schedule forming part of this Contract Document upon which my/our tender for Tender No. **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS** has been based. If I/we have submitted a printed version of the Activity Schedule, I/we warrant that no amendments have been made to it from the original, other than amendments issued in any Addenda in terms of Clause C.3.2 in Part T1.2 Tender Data.

SIGNED ON BEHALF OF THE TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR**NORMAL SERVICES****Sub-Item 1: Report Stage per Supplier at several stages during the contract period**

Item No.	Activity Description	Tendered Hours		Tendered Amount	
		Unit	Quantity Required**	Unit	Rate**
1.1	Evaluation of type test certification Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	
1.2	Evaluation of Manufacturer's Quality Assurance Plan Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	
1.3	Final Report to Client Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	

** Quantities to be provided by Tenderer

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR

Sub-Item 2: Medium Voltage Metal Clad Air Insulated Switchgear (order of 5 panels)

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
2.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
2.2 Travel costs to Actom, Gauteng					
Travel costs; Travelling from _____ to Actom, South Africa (via O.R. Tambo / Lanseria airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 2.2.1) By air travel (incl car hire) Yes / No (if yes complete 2.2.2)			
2.2.1	<u>By Road Travel Only</u> Travel costs to Actom, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
2.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.2.1.3	Subsistence in respect of Actom, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.2.2	<u>By Air Travel Only</u> Travel costs to Actom, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
2.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.2.2	Subsistence in respect of Actom, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR

Sub-Item 2: Medium Voltage Metal Clad Air Insulated Switchgear (order of 5 panels)

2.3 Travel costs to ABB/ Hitachi, Gauteng					
Travel costs; Travelling from _____ to ABB/ Hitachi, South Africa (via O.R. Tambo/ Lanseria airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 2.3.1) By air travel (incl car hire) Yes / No (if yes complete 2.3.2)		
2.3.1	<u>By Road Travel Only</u> Travel costs to ABB/ Hitachi, Gauteng, South Africa –	Unit	Quantity*	Unit	Rate**
2.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.3.1.3	Subsistence in respect of ABB/ Hitachi, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.3.2	<u>By Air Travel Only</u> Travel costs to ABB/ Hitachi, Gauteng, South Africa –	Unit	Quantity*	Unit	Rate**
2.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.2.2	Subsistence in respect of ABB/ Hitachi, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR

Sub-Item 3: Medium Voltage Gas Insulated Switchgear (order of 5 panels)

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
3.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
3.2 Travel costs to ABB/ Hitachi, Germany					
Travel costs; Travelling from _____ to ABB/ Hitachi, Germany (via Düsseldorf International airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 3.2.1) By air travel (incl car hire) Yes / No (if yes complete 3.2.2)			
3.2.1	<u>By Road Travel Only</u> Travel costs to ABB/ Hitachi, Germany –	Unit	Quantity*	Unit	Rate**
3.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
3.2.1.3	Subsistence in respect of ABB/ Hitachi, Germany (per return trip per inspection)	days		R/day	
3.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.2.2	<u>By Air Travel Only</u> Travel costs to ABB/ Hitachi, Germany –	Unit	Quantity*	Unit	Rate**
3.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.2.2.2	Subsistence in respect of ABB/ Hitachi, Germany (per return trip per inspection)	days		R/day	
3.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR

Sub-Item 4: Medium Voltage Withdrawable Circuit Breaker (order of 5 circuit breakers)

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
4.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
4.2 Travel costs to ABB/ Hitachi, Gauteng					
Travel costs; Travelling from _____ to ABB/ Hitachi, South Africa (via O.R. Tambo airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 4.2.1) By air travel (incl car hire) Yes / No (if yes complete 4.2.2)			
4.2.1	<u>By Road Travel Only</u> Travel costs to ABB/ Hitachi, Gauteng, South Africa –	Unit	Quantity*	Unit	Rate**
4.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
4.2.1.3	Subsistence in respect of ABB/ Hitachi, Gauteng, South Africa (per return trip per inspection)	days		R/day	
4.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
4.2.2	<u>By Air Travel Only</u> Travel costs to ABB/ Hitachi, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
4.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.2.2.2	Subsistence in respect of ABB/ Hitachi, Gauteng, South Africa (per return trip per inspection)	days		R/day	
4.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
4.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
4.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR

Sub-Item 4: Medium Voltage Withdrawable Circuit Breaker (order of 5 circuit breakers)

4.3 Travel costs to RPS, Gauteng					
Travel costs; Travelling from _____ to RPS, South Africa (via O.R. Tambo airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (if yes complete 4.3.1) By air travel (incl car hire) Yes / No (if yes complete 4.3.2)		
4.3.1	<u>By Road Travel Only</u> Travel costs to RPS, South Africa –	Unit	Quantity*	Unit	Rate**
4.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
4.3.1.3	Subsistence in respect of RPS, South Africa, South Africa (per return trip per inspection)	days		R/day	
4.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
4.3.2	<u>By Air Travel Only</u> Travel costs to RPS, South Africa –	Unit	Quantity*	Unit	Rate**
4.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
4.3.2.2	Subsistence in respect of RPS, South Africa, South Africa (per return trip per inspection)	days		R/day	
4.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
4.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
4.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN**ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.****ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR****Sub-Item 5: Recoverable Expenses (Disbursements)**

Item No.	Activity Description	Unit	Rate
5.1	Recoverable expenses in respect of printing/copying as specified below:		
5.1.1	Printing: size A0	per page	
5.1.2	Printing: size A1	per page	
5.1.3	Printing: size A2	per page	
5.1.4	Printing: size A3	per page	
5.1.5	Printing/copying: size A4 (reports and tender documents only)	per page	
5.1.6	Compilation and binding of reports/ tender documents, books and drawings	Lot	
Provisional Sum approved by Engineer		Unit	Rate
5.2	Provisional Sum in respect of all other costs approved (Only to be used upon instruction of the Employer, as per Clause 8.2 Pricing Schedule)	Lot	R200 000
5.3	Markup on Provisional Sum of R200 000 in respect of all other costs approved (including any other manufacturing location)	%	

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR

I, the undersigned, do hereby declare that the above is a properly priced Activity Schedule forming part of this Contract Document upon which my/our tender for Tender No. **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS** has been based. If I/we have submitted a printed version of the Activity Schedule, I/we warrant that no amendments have been made to it from the original, other than amendments issued in any Addenda in terms of Clause C.3.2 in Part T1.2 Tender Data.

SIGNED ON BEHALF OF THE TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT

NORMAL SERVICES

Sub-Item 1: Report Stage per Supplier at several stages during the contract period: Relay Panels, Control Panels or Remote Terminal Units and Battery Tripping Units (PER PANEL)

Item No.	Activity Description	Tendered Hours		Tendered Amount	
		Unit	Quantity Required**	Unit	Rate**
1.1	Evaluation of type test certification Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	
1.2	Evaluation of Manufacturer's Quality Assurance Plan Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	
1.3	Final Report to Client Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs		R/h	
	Category C person	hrs		R/h	
	Category D person	hrs		R/h	
	Other	hrs		R/h	

** Quantities to be provided by Tenderer

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT

Sub-Item 2: Relay Panels, Control Panels or Remote Terminal Units and Battery Tripping Units (PER PANEL)

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
2.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
2.2 Travel costs to First National Battery, Gauteng					
Travel costs; Travelling from _____ to First National Battery, Gauteng (via O.R. Tambo airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (if yes complete 2.2.1) By air travel (incl car hire) Yes / No (if yes complete 2.2.2)			
2.2.1	<u>By Road Travel Only</u> Travel costs to First National Battery, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
2.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.2.1.3	Subsistence in respect of First National Battery, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.2.2	<u>By Air Travel Only</u> Travel costs to First National Battery, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
2.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.2.2	Subsistence in respect First National Battery, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire NOTE: locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT

Sub-Item 2: Relay Panels, Control Panels or Remote Terminal Units and Battery Tripping Units (PER PANEL)

2.3 Travel costs to ABB/ Hitachi, Gauteng					
Travel costs; Travelling from _____ to ABB/ Hitachi, South Africa (via O.R. Tambo airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 2.3.1) By air travel (incl car hire) Yes / No (if yes complete 2.3.2)			
2.3.1	<u>By Road Travel Only</u> Travel costs to ABB/ Hitachi, South Africa –	Unit	Quantity*	Unit	Rate**
2.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.3.1.3	Subsistence in respect of ABB/ Hitachi, South Africa, (per return trip per inspection)	days		R/day	
2.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.3.2	<u>By Air Travel Only</u> Travel costs to ABB/ Hitachi, South Africa –	Unit	Quantity*	Unit	Rate**
2.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.2.2	Subsistence in respect of ABB/ Hitachi, South Africa, South Africa (per return trip per inspection)	days		R/day	
2.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT

Sub-Item 2: Relay Panels, Control Panels or Remote Terminal Units and Battery Tripping Units (PER PANEL)

2.4 Travel costs to Actom, Gauteng					
Travel costs; Travelling from _____ to Actom, South Africa (via O.R. Tambo airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 2.4.1) By air travel (incl car hire) Yes / No (if yes complete 2.4.2)			
2.4.1	<u>By Road Travel Only</u> Travel costs to Actom, Gauteng, South Africa –	Unit	Quantity*	Unit	Rate**
2.4.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.4.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.4.1.3	Subsistence in respect of Actom, Gauteng, South Africa, (per return trip per inspection)	days		R/day	
2.4.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.4.2	<u>By Air Travel Only</u> Travel costs to Actom, Gauteng, South Africa –	Unit	Quantity*	Unit	Rate**
2.4.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.4.2.2	Subsistence in respect of Actom, Gauteng, South Africa, (per return trip per inspection)	days		R/day	
2.4.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.4.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.4.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN**ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.****ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT****Sub-Item 3: Recoverable Expenses (Disbursements)**

Item No.	Activity Description	Unit	Rate
3.1	Recoverable expenses in respect of printing/copying as specified below:		
3.1.1	Printing: size A0	per page	
3.1.2	Printing: size A1	per page	
3.1.3	Printing: size A2	per page	
3.1.4	Printing: size A3	per page	
3.1.5	Printing/copying: size A4 (reports and tender documents only)	per page	
3.1.6	Compilation and binding of reports/ tender documents, books and drawings	Lot	
Provisional Sum approved by Engineer		Unit	Percentage
3.2	Provisional Sum in respect of all other costs approved (Only to be used upon instruction of the Employer, as per Clause 8.2 Pricing Schedule)	Lot	R200 000
3.3	Markup on Provisional Sum of R200 000 in respect of all other costs approved (including any other manufacturing location)	%	

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 4 : QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT

I, the undersigned, do hereby declare that the above is a properly priced Activity Schedule forming part of this Contract Document upon which my/our tender for Tender No. **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS** has been based. If I/we have submitted a printed version of the Activity Schedule, I/we warrant that no amendments have been made to it from the original, other than amendments issued in any Addenda in terms of Clause C.3.2 in Part T1.2 Tender Data.

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 5: QUALITY ASSURANCE INSPECTION OF DISTRIBUTION TRANSFORMERS

NORMAL SERVICES: PER TRANSFORMER OR REACTOR

Sub-Item 1: Report Stage per Supplier at several stages during the contract period

Item No.	Activity Description	Tendered Hours		Tendered Amount	
		Unit	Quantity Required**	Unit	Rate**
1.1	Evaluation of type test certification (per type of Transformer) Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs			
	Category C person	hrs			
	Category D person	hrs			
	Other	hrs			
1.2	Evaluation of Manufacturer's Quality Assurance Plan Resource category assigned :				
	Category A person	hrs			
	Category B person	hrs			
	Category C person	hrs			
	Category D person	hrs			
	Other	hrs			
1.3	Final Report to Client Resource category assigned :				
	Category A person	hrs			
	Category B person	hrs			
	Category C person	hrs			
	Category D person	hrs			
	Other	hrs			
1.4	Where Required; Specification development and skills transfer :				
	Category A person	h	10		
	Category B person	h	10		

** Quantities to be provided by Tenderer

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 5: QUALITY ASSURANCE INSPECTION OF DISTRIBUTION TRANSFORMERS

Sub-Item 2: Quality Assurance Inspection of Distribution Transformers: Per Transformer

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
2.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
2.2 Travel costs to Actom, Gauteng					
Travel costs; Travelling from _____ to Actom, South Africa (via O.R. Tambo airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 2.3.1) By air travel (incl car hire) Yes / No (if yes complete 2.3.2)			
2.2.1	<u>By Road Travel Only</u> Travel costs to Actom, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
2.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.2.1.3	Subsistence in respect of Actom, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.2.2	<u>By Air Travel Only</u> Travel costs to Actom, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
2.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.2.2	Subsistence in respect of Actom, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 5: QUALITY ASSURANCE INSPECTION OF DISTRIBUTION TRANSFORMERS

Sub-Item 3: When Required; Specification Development and Skills Transfer to City of Cape Town

Item No.	Activity Description	Tendered Amount			
		Unit		Rate**	
3.1 Travel costs to Bloemhof Centre, Bellville (When instructed in writing)					
Travel costs; Travelling from _____ to City of Cape Town, Bellville (via Cape Town airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 3.1.1) By air travel (incl car hire) Yes / No (if yes complete 3.1.2)			
3.1.1	<u>By Road Travel Only</u> Travel costs to City of Cape Town, Bellville	Unit	Quantity*	Unit	Rate**
3.1.1.1	Travelling Time (per return trip)	hrs		R/h	
3.1.1.2	Travel Costs by Car (per return)	km		R/km	
3.1.1.3	Subsistence in respect of City of Cape Town, Bellville, South Africa (per return trip)	days		R/day	
3.1.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.1.2	<u>By Air Travel Only</u> Travel costs to City of Cape Town, Bellville	Unit	Quantity*	Unit	Rate**
3.1.2.1	Travelling Time (per return trip)	hrs		R/h	
3.1.2.2	Subsistence in respect City of Cape Town, Bellville, South Africa (per return trip)	days		R/day	
3.1.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.1.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.1.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN**ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.****ITEM 5: QUALITY ASSURANCE INSPECTION OF DISTRIBUTION TRANSFORMERS****Sub-Item 4: Recoverable Expenses (Disbursements)**

Item No.	Activity Description	Unit	Rate
4.1	Recoverable expenses in respect of printing/copying as specified below:		
4.1.1	Printing: size A0	per page	
4.1.2	Printing: size A1	per page	
4.1.3	Printing: size A2	per page	
4.1.4	Printing: size A3	per page	
4.1.5	Printing/copying: size A4 (reports and tender documents only)	per page	
4.1.6	Compilation and binding of reports/ tender documents, books and drawings	Lot	
Provisional Sum approved by Engineer		Unit	Percentage
4.2	Provisional Sum in respect of all other costs approved (Only to be used upon instruction of the Employer, as per Clause 8.2 Pricing Schedule)	Lot	R200 000
4.3	Markup on Provisional Sum of R200 000 in respect of all other costs approved (including any other manufacturing location)	%	

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 5 : QUALITY ASSURANCE INSPECTION OF DISTRIBUTION TRANSFORMERS

I, the undersigned, do hereby declare that the above is a properly priced Activity Schedule forming part of this Contract Document upon which my/our tender for Tender No. **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS** has been based. If I/we have submitted a printed version of the Activity Schedule, I/we warrant that no amendments have been made to it from the original, other than amendments issued in any Addenda in terms of Clause C.3.2 in Part T1.2 Tender Data.

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 6: QUALITY ASSURANCE INSPECTION OF POWER TRANSFORMERS AND REACTORS

NORMAL SERVICES: PER TRANSFORMER OR REACTOR

Sub-Item 1: Report Stage per Supplier at several stages during the contract period

Item No.	Activity Description	Tendered Hours		Tendered Amount	
		Unit	Quantity Required**	Unit	Rate**
1.1	Evaluation of type test certification (per type of Transformer) Resource category assigned :				
	Category A person	hrs		R/h	
	Category B person	hrs			
	Category C person	hrs			
	Category D person	hrs			
	Other	hrs			
1.2	Evaluation of Manufacturer's Quality Assurance Plan Resource category assigned :				
	Category A person	hrs			
	Category B person	hrs			
	Category C person	hrs			
	Category D person	hrs			
	Other	hrs			
1.3	Final Report to Client Resource category assigned :				
	Category A person	hrs			
	Category B person	hrs			
	Category C person	hrs			
	Category D person	hrs			
	Other	hrs			
1.4	Where Required; Specification development and skills transfer :				
	Category A person	h	10		
	Category B person	h	10		

** Quantities to be provided by Tenderer

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 6: QUALITY ASSURANCE INSPECTION OF POWER TRANSFORMERS AND REACTORS

Sub-Item 2: Quality Assurance Inspection of Power Transformers and Reactors: Per Transformer or Reactor

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
2.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Assistant QA Inspector (Resource category B, C or D to be priced)	R/h			
	Project Manager- per Works Order (only priced applicable resource)	R/h			
	Other (only applicable resource category to be priced)	R/h			
2.2 Travel costs to Hitachi, Vietnam					
Travel costs; Travelling from _____ to Hitachi, Vietnam (via Hanoi International airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 2.2.1) By air travel (incl car hire) Yes / No (if yes complete 2.2.2)			
2.2.1	<u>By Road Travel Only</u> Travel costs to Hitachi, Vietnam	Unit	Quantity*	Unit	Rate**
2.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.2.1.3	Subsistence in respect of Hitachi, Vietnam (per return trip per inspection)	days		R/day	
2.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.2.2	<u>By Air Travel Only</u> Travel costs to Hitachi, Vietnam –	Unit	Quantity*	Unit	Rate**
2.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.2.2.2	Subsistence in respect of Hitachi, Vietnam (per return trip per inspection)	days		R/day	
2.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 6: QUALITY ASSURANCE INSPECTION OF POWER TRANSFORMERS AND REACTORS

Sub-Item 2: Quality Assurance Inspection of Power Transformers and Reactors: Per Transformer or Reactor

2.3 Travel costs to Actom, Gauteng					
Travel costs; Travelling from _____ to Actom, South Africa (via O.R. Tambo airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 2.3.1) By air travel (incl car hire) Yes / No (if yes complete 2.3.2)		
2.3.1	<u>By Road Travel Only</u> Travel costs to Actom, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
2.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
2.3.1.3	Subsistence in respect of Actom, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
2.3.2	<u>By Air Travel Only</u> Travel costs to Actom, Gauteng, South Africa	Unit	Quantity*	Unit	Rate**
2.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
2.3.2.2	Subsistence in respect of Actom, Gauteng, South Africa (per return trip per inspection)	days		R/day	
2.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
2.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
2.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 6: QUALITY ASSURANCE INSPECTION OF POWER TRANSFORMERS AND REACTORS

Sub-Item 3: When Required; Specification Development and Skills Transfer to City of Cape Town

Item No.	Activity Description	Tendered Amount			
		Unit		Rate**	
3.1 Travel costs to Bloemhof Centre, Bellville (When instructed in writing)					
Travel costs; Travelling from _____ to City of Cape Town, Bellville (via Cape Town airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 3.1.1) By air travel (incl car hire) Yes / No (if yes complete 3.1.2)			
3.1.1	<u>By Road Travel Only</u> Travel costs to City of Cape Town, Bellville	Unit	Quantity*	Unit	Rate**
3.1.1.1	Travelling Time (per return trip)	hrs		R/h	
3.1.1.2	Travel Costs by Car (per return)	km		R/km	
3.1.1.3	Subsistence in respect of City of Cape Town, Bellville, South Africa (per return trip)	days		R/day	
3.1.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.1.2	<u>By Air Travel Only</u> Travel costs to City of Cape Town, Bellville	Unit	Quantity*	Unit	Rate**
3.1.2.1	Travelling Time (per return trip)	hrs		R/h	
3.1.2.2	Subsistence in respect City of Cape Town, Bellville, South Africa (per return trip)	days		R/day	
3.1.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.1.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.1.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN**ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.****ITEM 6: QUALITY ASSURANCE INSPECTION OF POWER TRANSFORMERS AND REACTORS****Sub-Item 4: Recoverable Expenses (Disbursements)**

Item No.	Activity Description	Unit	Rate
4.1	Recoverable expenses in respect of printing/copying as specified below:		
4.1.1	Printing: size A0	per page	
4.1.2	Printing: size A1	per page	
4.1.3	Printing: size A2	per page	
4.1.4	Printing: size A3	per page	
4.1.5	Printing/copying: size A4 (reports and tender documents only)	per page	
4.1.6	Compilation and binding of reports/ tender documents, books and drawings	Lot	
Provisional Sum approved by Engineer		Unit	Percentage
4.2	Provisional Sum in respect of all other costs approved (Only to be used upon instruction of the Employer, as per Clause 8.2 Pricing Schedule)	Lot	R200 000
4.3	Markup on Provisional Sum of R200 000 in respect of all other costs approved (including any other manufacturing location)	%	

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 6 : QUALITY ASSURANCE INSPECTION OF POWER TRANSFORMERS AND REACTORS

I, the undersigned, do hereby declare that the above is a properly priced Activity Schedule forming part of this Contract Document upon which my/our tender for Tender No. **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS** has been based. If I/we have submitted a printed version of the Activity Schedule, I/we warrant that no amendments have been made to it from the original, other than amendments issued in any Addenda in terms of Clause C.3.2 in Part T1.2 Tender Data.

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN**ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.****ITEM 7: DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS****NORMAL SERVICES: PER TRANSFORMER****Sub-Item 1: Tender Evaluation Stage – Desk Top Review**

Item No.	Activity Description	Unit	Quantity	Rate
1.1	Design review per design offered per Tenderer: Conduct a first stage review based on the technical requirements of the Technical Specification, the design sheet and the technical particulars and guarantees submitted with the tenders	h**		
1.2	Determine a quality scoring system based on the provisions of the tender and submit a score per design offered by each tenderer.	Lot	1	

Sub-Item 2: Contract Execution Stage

Item No.	Activity Description	Unit	Hours	Rate
2.1	Assess and comment on the technical requirements of specification	h**		
2.2	Conduct a design review in accordance with CIGRE and NRS 054 at the Manufacturer's Works	h**		
2.3	Advise the City of Cape Town on any other aspects not covered by NRS 054 and IEC 60076 but which require review based on the experience of the Design Review Consultant.	h**		
2.4	Feedback to Manufacturer and the Employer to update (if required) the QA and Inspection plan	h**		
2.5	Assist City of Cape Town with developing new specifications (i.e., for step-up transformers, ester oil transformers, etc.)	h**		
2.6	As and When Required: Specification reviews and Skills Transfer to City of Cape Town	h	10	

** Quantities to be provided by Tenderer

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 7: DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

NORMAL SERVICES: PER TRANSFORMER

Sub-Item 3: Report Stage per Supplier at several stages during the contract period
(Inspection of one transformer or factory capability inspection at each location)

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
3.1	Quality assurance inspection: details to be submitted by Tenderer Resource category assigned :				
	Lead QA Inspector (Resource category A, B or C to be priced)	R/h			
	Other (only applicable resource category to be priced)	R/h			
3.2 Travel costs to Hitachi, India					
Travel costs; Travelling from _____ to Hitachi, India (via Mumbai airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 3.2.1) By air travel (incl car hire) Yes / No (if yes complete 3.2.2)			
3.2.1	<u>By Road Travel Only</u> Travel costs to Hitachi, India	Unit	Quantity*	Unit	Rate**
3.2.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.2.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
3.2.1.3	Subsistence in respect of Hitachi, India (per return trip per inspection)	days		R/day	
3.2.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.2.2	<u>By Air Travel Only</u> Travel costs to Hitachi, India	Unit	Quantity*	Unit	Rate**
3.2.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.2.2.2	Subsistence in respect of Hitachi, India (per return trip per inspection)	days		R/day	
3.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.2.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.2.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 7: DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

NORMAL SERVICES: PER TRANSFORMER

Sub-Item 3: Report Stage per Supplier at several stages during the contract period (continues)
(Inspection of one transformer or factory capability inspection at each location)

3.3 Travel costs to Actom, Gauteng					
Travel costs; Travelling from _____ to Actom, Gauteng (via O.R. Tambo airport): Tenderer to insert location					
Choose between road or air travel (select one):			By road only (no air travel), Yes / No (If yes complete 3.3.1) By air travel (incl car hire) Yes / No (if yes complete 3.3.2)		
3.3.1	<u>By Road Travel Only</u> Travel costs to Actom, Gauteng	Unit	Quantity*	Unit	Rate**
3.3.1.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.3.1.2	Travel Costs by Car (per return trip per inspection)	km		R/km	
3.3.1.3	Subsistence in respect of Actom, Gauteng, South Africa (per return trip per inspection)	days		R/day	
3.3.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
3.3.2	<u>By Air Travel Only</u> Travel costs to Actom, Gauteng	Unit	Quantity*	Unit	Rate**
3.3.2.1	Travelling Time (per return trip per inspection)	hrs		R/h	
3.3.2.2	Subsistence in respect of Actom, Gauteng, South Africa (per return trip per inspection)	days		R/day	
3.3.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
3.3.2.4	Airfare (per return trip):	% Markup on actual cost		%	
3.3.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 7: DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

NORMAL SERVICES: PER TRANSFORMER

Sub-Item 4: As and When Required; Specification Review and Skills Transfer to City of Cape Town

Item No.	Activity Description	Tendered Amount			
		Unit	Rate**		
4.1 Travel costs to City of Cape Town, Bloemhof Centre, Bellville (When instructed in writing)					
Travel costs; Travelling from _____ to City of Cape Town, Bellville (via Cape Town airport): Tenderer to insert location					
Choose between road or air travel (select one):		By road only (no air travel), Yes / No (If yes complete 4.1.1) By air travel (incl car hire) Yes / No (if yes complete 4.1.2)			
4.1.1	<u>By Road Travel Only</u> Travel costs to City of Cape Town	Unit	Quantity*	Unit	Rate**
4.1.1.1	Travelling Time (per return trip)	hrs		R/h	
4.1.1.2	Travel Costs by Car (per return trip)	km		R/km	
4.1.1.3	Subsistence in respect of City of Cape Town, South Africa (per return trip)	days		R/day	
4.1.1.4	Accommodation – (only price where travelling by road requires overnight stay)	% Markup on actual cost		%	
4.1.2	<u>By Air Travel Only</u> Travel costs to City of Cape Town	Unit	Quantity*	Unit	Rate**
4.1.2.1	Travelling Time (per return trip)	hrs		R/h	
4.1.2.2	Subsistence in respect of City of Cape Town, South Africa (per return trip)	days		R/day	
4.2.2.3	Accommodation – Where travelling from other City or Town and overnight stay required	% Markup on actual cost		%	
4.1.2.4	Airfare (per return trip):	% Markup on actual cost		%	
4.1.2.5	Car Hire (or Taxi) :	% Markup on actual cost		%	

* Provide the amount of hours/days needed to complete the service per return trip per inspection

** Provide the hourly/daily/km rate for the service /travelling

*** Provide the percentage markup on actual cost for accommodation/ airfare and car hire

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN**ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION****CONTRACT NO. 115C/2025/26****TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.****ITEM 7: DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS****NORMAL SERVICES: PER TRANSFORMER****Sub-Item 5: Recoverable Expenses (Disbursements)**

Item No.	Activity Description	Unit	Rate
5.1	Recoverable expenses in respect of printing/copying as specified below:		
5.1.1	Printing: size A0	per page	
5.1.2	Printing: size A1	per page	
5.1.3	Printing: size A2	per page	
5.1.4	Printing: size A3	per page	
5.1.5	Printing/copying: size A4 (reports and tender documents only)	per page	
5.1.6	Compilation and binding of reports/ tender documents, books and drawings	Lot	
Provisional Sum approved by Engineer		Unit	Rate
5.2	Provisional Sum in respect of all other costs approved (Only to be used upon instruction of the Employer, as per Clause 8.2 Pricing Schedule)	Lot	R200 000
5.3	Markup on Provisional Sum of R200 000 in respect of all other costs approved (including any other manufacturing location)	%	

NOTE: Locations detailed are for pricing purposes only and don't constitute or imply any limitation or anticipated contracts with any supplier. The locations specified is for tender comparison purposes only and final locations of inspections will be detailed at award stage.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

ITEM 7: DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

I, the undersigned, do hereby declare that the above is a properly priced Activity Schedule forming part of this Contract Document upon which my/our tender for Tender No. **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS** has been based. If I/we have submitted a printed version of the Activity Schedule, I/we warrant that no amendments have been made to it from the original, other than amendments issued in any Addenda in terms of Clause C.3.2 in Part T1.2 Tender Data.

SIGNED ON BEHALF OF TENDERER:

INITIALS OF CITY OFFICIALS		
1	2	3

Part C3: Scope of Work

	Pages
C3.1 Scope of Work	132 – 158
C3.2 Annexes.....	159 – 161

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

C3.1 Scope of Work

CONTENTS	PAGE
1. INTRODUCTION	127
2. BACKGROUND	129
3. EMPLOYER'S OBJECTIVE	129
4. DESCRIPTION OF THE SERVICES REQUIRED	129
5. EXTENT OF THE SERVICES	129
6. USE OF REASONABLE SKILL AND CARE	132
7. GENERAL	132
8. SCOPE OF THE QUALITY ASSURANCE SERVICE FOR ELECTRICAL CABLE	133
9. SCOPE OF THE QUALITY ASSURANCE SERVICE FOR HIGH VOLTAGE SWITCHGEAR	135
10. SCOPE OF THE QUALITY ASSURANCE SERVICE FOR MEDIUM VOLTAGE SWITCHGEAR	139
11. SCOPE OF THE QUALITY ASSURANCE SERVICE FOR ANCILLARY EQUIPMENT	141
12. SCOPE OF THE QUALITY ASSURANCE SERVICE FOR DISTRIBUTION AND POWER TRANSFORMERS AND REACTORS	145
13. SCOPE OF THE DESIGN REVIEW FOR POWER TRANSFORMERS AND REACTORS	147
14. REFERENCE DATA	149
15. APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS	149
16. APPROVALS	149
17. PROCUREMENT	149
18. FORMAT OF COMMUNICATION	150
19. KEY PERSONNEL	150
20. MANAGEMENT AND MEETINGS	150

1. INTRODUCTION

1.1 Item 1: Quality Assurance Inspection of Electrical Cable

The Employer has procured or will procure electrical cable to be manufactured at the Works of various contractors. These contracts include the supply of the following cable required either for specific projects or for stock during the contract period.

- 1.1.1 High voltage electrical cable – XLPE insulated metallic sheathed single-core cable of various conductor sizes and conductor material.
- 1.1.2 Medium voltage electrical cable – paper insulated lead sheathed or XLPE insulated cable of various constructions, conductor sizes and conductor material.
- 1.1.3 Low voltage electrical cable – various constructions, conductor sizes and conductor material including PVC SWA, XLPE PE Split Concentric Single Phase with Pilot Cable, multicore cable, pilot cable and XLPE Aerial Bundled Conductor Systems.

1.2 Item 2: Quality Assurance Inspection of High Voltage Switchgear and Ancillary Equipment

The Employer has procured or will procure Medium Voltage and High Voltage Switchgear and Ancillary Equipment to be manufactured at the Works of various contractors. These contracts include the supply of the following equipment required either for specific projects or for stock during the contract period for 3 years:

- 1.2.1 High voltage switchgear of the air insulated and gas insulated type manufactured locally or internationally.
- 1.2.2 Medium voltage switchgear of the metal clad air insulated type manufactured locally and gas insulated type manufactured internationally.
- 1.2.3 Ancillary equipment including but not limited to relay, control or remote terminal units panels and battery tripping units, manufactured locally.
- 1.3 **Item 3: Quality Assurance Inspection of Medium Voltage Switchgear and Ancillary Equipment**
- The Employer has procured or will procure Medium Voltage Switchgear manufactured at the Works of various contractors. These contracts include the supply of the following equipment required either for specific projects or for stock during the framework contract period:
- 1.3.1 Medium voltage switchgear of the metal clad air insulated type manufactured locally and gas insulated type manufactured internationally.
- 1.3.2 Ancillary equipment including but not limited to relay, control or remote terminal units panels and battery tripping units, manufactured locally.
- 1.4 **Item 4: Quality Assurance Inspection of Ancillary Equipment**
- The Employer will procure various Ancillary Equipment at the Works of various contractors for specific projects or for stock during the framework contract period:
- 1.4.1 Ancillary equipment including but not limited to relay, control or remote terminal units panels and battery chargers/ tripping units, manufactured locally.
- 1.5 **Item 5: Quality Assurance Inspection of Distribution Transformers**
- The Employer procures distribution transformers to be manufactured at the Works of a local transformer manufacturer. From time to time, the Employer will procure transformers from the contractor at a location to be advised by the Engineer.
- 1.6 **Item 6: Quality Assurance Inspection of Power Transformers and Reactors**
- The Employer procures power transformers and reactors to be manufactured at the Works of a power transformer manufacturer. When a transformer or reactor is purchased for a specific project, the Employer will require quality assurance inspections at a location to be advised by the Engineer.
- 1.7 **Item 7: Design Review of Power Transformers and Reactors**
- The Employer has procured or will procure power transformers and reactors to be manufactured at the Works of a local manufacturer. The contract includes the supply of power transformers and reactors over a 3 year contract period, however where the Employer elects to order power transformers or reactors against new tenders a full design review will be required. The Employer will procure transformers and reactors from the contractor at a location to be advised by the Engineer.

All manufacturers and locations are indicative only, the final contractor and location of manufacturer will be advised once an appointment of this contract is made.
These contracts include the supply of the following equipment required either for specific projects or for stock during the contract period for 3 years:

A Professional Service Provider is required to provide the professional services necessary to implement this project, which, in terms of the Municipal Finance Management Act, 56 of 2003 and the Municipal Supply Chain Management Regulations, 2005, must be procured through a competitive bidding process.

The purpose of this document is therefore to invite tenders from suitably qualified and experienced consulting firms for Contract No **115C/2025/26: TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV),**

ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS , which will be evaluated using a financial offer and preferences based system as described in the tender data.

Separate contracts shall be awarded for each of the items detailed in the Pricing Schedules and carried forward to the separate Forms of Offer and Acceptance.

2. BACKGROUND

Various electrical network strengthening, upgrade and refurbishment projects are planned within City of Cape Town supply area over the short to medium term. These projects include procurement of new electrical cables, high voltage switchgear, medium voltage switchgear, auxiliary equipment and power transformers. The City has several contracts in place (or will establish new contracts) to procure this equipment from local or international manufactures / suppliers.

The City requires the manufacture to deliver the highest possible quality product as detailed in the specification. To ensure manufactures complies with these requirements several periodic factory acceptance test (FAT) and quality assurance inspections has to be undertaken by City staff or the appointed Professional Service Provider (this contract).

3. EMPLOYER'S OBJECTIVE

The Employer's objective is to ensure the underground cables, switchgear, ancillary equipment, distribution and power transformers and reactors are manufactured in accordance with the Employer's quality requirements which are based on national and international standard specifications. This is to ensure the highest possible quality product/s are procured and installed by the Employer. The professional service provider/s may be instructed to inspect underground cables, switchgear, ancillary equipment, power transformers and reactors at locations in South Africa or abroad to achieve these objectives. Where instructed, the professional service provider shall prepare all travel to the Employer's technical centre to disseminate lessons learnt and provide skills transfer, as specified from time to time by the Employer.

4. DESCRIPTION OF THE SERVICES REQUIRED

All procurement, contract management, project management, drawing approvals and site acceptance testing will be undertaken by the Employer.

4.1 Quality Assurance Inspection Service

The professional service provider is required to provide the following services (as and when the Employer required) for the quality assurance inspection of Items 1 – 6 and design review as defined by Item 7.

4.1.1 Report Stage

The evaluation of all type test certificates as well as evaluating the manufacturer's quality assurance plan and establishing a factory inspection and acceptance plan accordingly to ensure the Employer's Objectives are met.

4.1.2 Design Review of Transformers and reactors and Quality Assurance Inspection during the manufacture of Electrical Cable, Switchgear (HV and MV) and Ancillary Equipment, Distribution and Power Transformers and Reactors and

The inspection of the equipment during the manufacture as well as the final inspection and witnessing of the acceptance testing at the Works prior to the delivery to Site. The location of the manufacturer may be inside or outside of South Africa.

5. EXTENT OF THE SERVICES

The Service Provider is required to provide the following services:

5.1 Item 1: Quality Assurance Inspection of the Electrical Cable

The Employer has placed contracts for underground cable of various voltages, construction types, conductor sizes and conductor materials.

For tendering and tender evaluation purposes it shall be assumed that there is an inspection overlap limited to the inspection of 3 drums per visit and the tender price shall be for three (3) drums of cable based on this overlap. The Employer shall elect the number of drums of cable to be inspected per order. The order value shall be the tender price multiplied by the number of three (3) drum batches to be inspected.

This will represent the maximum cost but the professional service provider shall arrange the inspection programme to optimise each visit. The actual costs claimed shall be supported by time sheets. Where re-inspection costs are required due to failures or re-work having to be done by the Manufacturer, these costs shall be claimed separately. Such re-work required shall be advised to the Employer as soon as it becomes evident and preferably prior to the inspection taking place.

The Lead Quality Assurance Inspector shall be accountable to perform all quality assurance inspections as required by the Employer. The service provider may appoint or elect an Assistant Quality Assurance Inspector to assist the Lead Quality Assurance Inspector with their duties. The elected Assistant Quality Assurance Inspector shall only perform certain parts of the works on behalf of the Lead Quality Assurance Inspector without the direct supervision of the Lead Quality Assurance Inspector. However, the Assistant Quality Assurance Inspector shall be not accountable for the overall works and shall not professionally sign off on any work done.

Where the Employer elects to procure electrical cable at a Manufacturer elsewhere in the country or abroad, the costs shall be based on the rates included in the tender. Where instructed by the Engineer the Service Provider shall submit an inspection proposal detailing the costs and quantities based on the tendered rates for the approval of the Engineer. Such additional services shall only be charged once approval has been issued by the Engineer in writing.

The Professional Service Provider shall be notified of the milestones by the Employer

5.2 Item 2 and 3: Quality Assurance Inspection of HV and MV Switchgear

The Employer has placed contracts for switchgear of various voltages, construction types and quantities.

For tendering and tender evaluation purposes it shall be assumed that there is an inspection overlap limited to the quantities specified in the Pricing Schedules per visit and the tender price shall be pro rata based on this overlap. The Employer shall elect the number of items of equipment to be inspected per order. The order value shall be the tender price multiplied by the number of batches to be inspected.

This will represent the maximum cost but the professional service provider shall arrange the inspection programme to optimise each visit. The actual costs claimed shall be supported by time sheets. Where re-inspection costs are required due to failures or re work having to be done by the Manufacturer, these costs shall be claimed separately. Such re-work required shall be advised to the Employer as soon as it becomes evident and preferably prior to the inspection taking place.

The Lead Quality Assurance Inspector shall be accountable to perform all quality assurance inspections as required by the Employer. The service provider may appoint or elect an Assistant Quality Assurance Inspector to assist the Lead Quality Assurance Inspector with their duties. The elected Assistant Quality Assurance Inspector shall only perform certain parts of the works on behalf of the Lead Quality Assurance Inspector without the direct supervision of the Lead Quality Assurance Inspector. However, the Assistant Quality Assurance Inspector shall be not accountable for the overall works and shall not professionally sign off on any work done.

Where instructed by the Employer the Service Provider shall submit a proposal detailing the costs and quantities based on the tendered rates for the approval of the Employer. Such services shall only be charged once approval has been issued by the Employer in writing.

The successful Service Provider shall be notified of the milestones by the Employer

5.3 Item 4: Quality Assurance Inspection of Ancillary Equipment

The Employer has placed contracts for various ancillary equipment types and quantities.

For tendering and tender evaluation purposes it shall be assumed that there is an inspection overlap limited to the quantities specified in the Pricing Schedules per visit and the tender price shall be pro rata based on this overlap. The Employer shall elect the number of items of equipment to be inspected per order. The order value shall be the tender price multiplied by the number of batches to be inspected.

Where re-inspection costs are required due to failures or re work having to be done by the Manufacturer, these costs shall be claimed separately. Such re-work required shall be advised to the Employer as soon as it becomes evident and preferably prior to the inspection taking place. The actual costs claimed shall be supported by time sheets.

The Lead Quality Assurance Inspector shall be accountable to perform all quality assurance inspections as required by the Employer. The service provider may appoint or elect an Assistant Quality Assurance Inspector to assist the Lead Quality Assurance Inspector with their duties. The elected Assistant Quality Assurance Inspector shall only perform certain parts of the works on behalf of the Lead Quality Assurance Inspector without the direct supervision of the Lead Quality Assurance Inspector. However, the Assistant Quality Assurance Inspector shall be not accountable for the overall works and shall not professionally sign off on any work done

Where instructed by the Employer the Service Provider shall submit a proposal detailing the costs and quantities based on the tendered rates for the approval of the Employer. Such services shall only be charged once approval has been issued by the Employer in writing.

The successful Service Provider shall be notified of the milestones by the Employer

5.4 Item 5: Quality Assurance Inspection of Distribution Transformers

The Employer may place orders for distribution transformers against existing contracts if it so elects. The units vary from 250 kVA – 1 MVA and may extend up to 10 MVA.

For tendering and tender evaluation purposes it shall be assumed that there is an inspection overlap between units and the tender price shall be the inspection of a batch of 3 units per visit. The Employer shall elect the number of units to be inspected. The order value shall be the tender price multiplied by the number of batches to be inspected.

This will represent the maximum cost but the professional service provider shall arrange the inspection of multiple units, in such a manner to enable the optimum concurrent work takes place. The actual costs claimed shall be supported by time sheets. Where re-inspection costs are required due to failures or re work having to be done by the Manufacturer, these costs shall be claimed separately. Such re-work required shall be advised to the Employer as soon as it becomes evident and preferably prior to the inspection taking place.

The Lead Quality Assurance Inspector shall be accountable to perform all quality assurance inspections as required by the Employer. The service provider may appoint or elect an Assistant Quality Assurance Inspector to assist the Lead Quality Assurance Inspector with their duties. The elected Assistant Quality Assurance Inspector shall only perform certain parts of the works on behalf of the Lead Quality Assurance Inspector without the direct supervision of the Lead Quality Assurance Inspector. However, the Assistant Quality Assurance Inspector shall be not accountable for the overall works and shall not professionally sign off on any work done.

Where the Employer elects to procure transformers at a Manufacturer elsewhere in the country, the costs shall be based on the rates included in the tender. Where instructed by the Engineer, the Service Provider shall submit an inspection proposal detailing the costs and quantities based on the tendered rates for the approval of the Engineer. Such additional services shall only be charged once approval has been issued by the Engineer in writing.

5.5 Item 6: Quality Assurance Inspection of Power Transformers and Reactors

The Employer has placed a 3 year contract for power transformer. The Employer may place additional orders against this contract and may order power transformers and reactors against new tenders if it so elects. The units vary from 10 – 50 MVA and may extend up to 240 MVA.

For tendering and tender evaluation purposes it shall be assumed that there is **NO** inspection overlap between units and the tender price shall be for one unit only. The Employer shall elect the number of units to be inspected. The order value shall be the tender price multiplied by the number of units to be inspected.

This will represent the maximum cost but the professional service provider shall arrange the inspection of multiple units, in such a manner to enable the optimum concurrent work takes place. The actual costs claimed shall be supported by time sheets. Where re-inspection costs are required due to failures or re work having to be done by the Manufacturer, these costs shall be claimed separately. Such re-work required shall be advised to the Employer as soon as it becomes evident and preferably prior to the inspection taking place.

The Lead Quality Assurance Inspector shall be accountable to perform all quality assurance inspections as required by the Employer. The service provider may appoint or elect an Assistant Quality Assurance inspector to assist the Lead Quality Assurance Inspector with their duties. The elected Assistant Quality Assurance Inspector shall only perform certain parts of the works on behalf of the Lead Quality Assurance Inspector without the direct supervision of the Lead Quality Assurance Inspector. However, the Assistant Quality Assurance Inspector shall be not accountable for the overall works and shall not professionally sign off on any work done.

Where the Employer elects to procure transformers and reactors at a Manufacturer elsewhere, the costs shall be based on the rates included in the tender. Where instructed by the Engineer, the Service Provider shall submit an inspection proposal detailing the costs and quantities based on the tendered rates for the approval of the Engineer. Such additional services shall only be charged once approval has been issued by the Engineer in writing.

5.6 Item 7: Design Review of Power Transformers and Reactors

The Employer has placed a 3-year contract for design, installation and testing of power transformer and reactors. The Employer may place additional orders against this tender and may order power transformers against new tenders if it so elects. The power transformer units vary from 10 – 50 MVA and may extend up to 240 MVA and the reactors units vary from 5 MVar – 20 MVar.

Where the Employer elects to procure transformers at a Manufacturer elsewhere in the country, the costs shall be based on the rates included in the tender. Where instructed by the Engineer the Service Provider shall submit a proposal detailing the costs and quantities based on the tendered rates for the approval of the Engineer. Such services shall only be charged once approval has been issued by the Engineer in writing.

The successful Service Provider shall be notified of the milestones by the Employer.

6. USE OF REASONABLE SKILL AND CARE

The Professional Service Provider is required to provide all aspects of the Service with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.

The Lead Quality Assurance Inspector shall be accountable to perform all quality assurance inspections as required by the Employer. The service provider may appoint or elect an Assistant Quality Assurance inspector to assist the Lead Quality Assurance Inspector with their duties. The elected Assistant Quality Assurance Inspector shall only perform certain parts of the works on behalf of the Lead Quality Assurance Inspector without the direct supervision of the Lead Quality Assurance Inspector. However, the Assistant Quality Assurance Inspector shall be not accountable for the overall works and shall not professionally sign off on any work done.

7. GENERAL

7.1 Brief

The quality control and inspection service is necessary to ensure that the manufacturer gives proper attention to the materials used, the standard of workmanship, the manufacturing processes and the quality of all component parts and the guaranteed performance of the finished items of plant.

The quality assurance shall be conducted to ensure compliance with the relevant IEC, BS, SANS and industry specifications, and the Employer's specifications. the Employer's specification as well as the professional service provider's detailed knowledge and experience.

The quality assurance programme proposed by the tenderer shall include routine quality audits during manufacture, the approval at suitable hold points during the manufacturing process and the witnessing of all routine and special tests.

The professional service provider is required to provide the services only for the quality control inspection and testing of the underground cable, switchgear, ancillary equipment, power transformers and reactors in the manufacturer's works and the works of any subcontractors at various stages of the production as agreed by the Employer.

All tests in the Works shall be carried out in the presence of, and to the satisfaction of the professional service provider and at such reasonable times as he may require.

All labour, materials, stores, apparatus, instruments and connections required for the above tests will be provided by the power transformer contractor.

7.2 Quality Plan

- 7.2.1 The professional service provider is required to approve the Contractor's inspection and test plan (quality plan) defining the programme of quality control and inspection activities which he will perform in order to ensure that the plant during manufacture and on completion, complies with the specified requirements. The quality plan may be of any form to suit the Contractor's system, but it shall as a minimum:-
- 7.2.2 indicate each inspection and test point and its relative location in the production cycle including incoming packaging and site inspection;
- 7.2.3 indicate where subcontractor services will be employed;
- 7.2.4 identify the characteristics to be inspected, examined and tested at each point and specify procedures and acceptance criteria to be used;
- 7.2.5 indicate mandatory hold points established by the Engineer which require his verification of selected characteristics of an items or process before the work can proceed;
- 7.2.6 define or refer to sampling plans if proposed and where they will be used;
- 7.2.7 refer to quality plans or checklists governing the work of major subcontractors;
- 7.2.8 where applicable, specify where lots or batches will be used.
- 7.2.9 make reference, in the case of components manufactured by or services rendered by a sub-contractor to an inspection plan drawn up by the sub-contractor along the lines indicated in this Clause.

7.3 Inspection

- 7.3.1 The professional service provider is required to undertake the factory inspection of the cable and should include the following activities:-
- 7.3.2 witness inspection and testing and/or verification of inspection records covering:-
- compliance of manufactured parts, assemblies and final items with specifications, drawings, standards and good engineering practice;
 - periodic inspection of Contractor's design and production and preparation of progress reports;
 - follow up of design work in case of delay in despatch of drawings;
 - witnessing of tests;
 - follow up of compliance with equipment and drawing, delivery schedules and release of equipment for despatch;
 - packing for shipment including check for completeness of shipment, handling requirements, and case markings and identification.
- 7.3.3 Where the manufacturer's quality assurance system has not been registered in terms of SANS 9001 the Professional Service Provider inspection will include the following:
- evaluation of the Contractor's inspection system and approval of the manufacturer's inspection plan;

- periodic checks to confirm the effectiveness of, and the manufacturer's compliance with, the established inspection procedures;
 - compliance of raw material with specified requirements.
- 7.3.4 In order to verify compliance with manufacturing, engineering and procurement schedules and programmes, the professional service provider shall have access at all reasonable times to all places where materials or equipment are being prepared or manufactured, including the Works of the Contractors, subcontractors, or suppliers of raw material.
- 7.3.5 The Contractor shall keep the professional service provider informed in advance of the time of starting and of the progress of the work in its various stages so that arrangements can be made for inspection and for tests. He shall also provide without additional charge all reasonable facilities and assistance for the safety and convenience of the professional service provider in the performance of his duties.
- 7.3.6 Measuring apparatus shall be approved by the professional service provider and if required shall be calibrated at an approved laboratory.
- 7.3.7 Acceptance or rejection of the equipment and/or components shall be made as promptly as practicable after manufacture.
- 7.3.8 Effectiveness and quality of packing for shipment will be verified by the professional service provider having regard to protection required and handling, transport arrangements and site storage requirements.
- 7.3.9 The professional service provider shall have complete authority to accept or reject any equipment or part thereof considered unsatisfactory and/or not in accordance with the Contract.

8 SCOPE OF THE QUALITY ASSURANCE SERVICE FOR ELECTRICAL CABLE

General.

The manufacturer shall carry out the tests specified and such additional tests in the manufacturer's works as in the opinion of the Engineer are necessary to determine that the Works comply with the Specification whether under test conditions or in ordinary working. Type tests may be omitted at the discretion of the Engineer if satisfactory evidence is given of such tests already made on identical equipment. Evaluation of type test certification shall be conducted on the following basis:

- a) HV Cable: Per type tested cable system, including 1 joint and 1 termination
- b) MV Cable: Per type and size of cable (e.g. 300 mm² Al XLPE)
- c) LV Cable: Per type and size of cable

8.1 Tests in the Manufacturer's Works

The professional service provider shall witness the following:

8.1.1 Routine tests on High Voltage XLPE cables and associated ancillary material

8.1.1.1 Routine tests as specified in IEC 60840.

8.1.1.2 The following tests specified as special tests in IEC 60840 shall be carried out as routine tests.

- Measurement of electrical resistance of conductor.
- Measurement of capacitance

The measurement of the electrical resistance of the conductor and the measurement of capacitance shall be carried out on each manufactured length of cable.

8.1.1.3 For optical fibre cable and accessories, routine tests as specified in the Telkom SA Limited Specification 401E.

8.1.1.4 Other tests as requested by the Engineer.

8.1.2 Special (sample) Tests on High Voltage XLPE cables and associated ancillary material

- 8.1.2.1 Special tests as specified in IEC 60840 and SANS 60502 except where such tests are required to be carried out as routine test.
- 8.1.2.2 The diameter of the core and the overall diameter of the cable shall be measured as specified in IEC 60840.
- 8.1.2.3 Insulation Shrinkage Test.
As specified in ESI 09-16 clause 6.6.
- 8.1.2.4 Insulation/Screen Moisture Content Determination.
As specified in ESI 09-16 clause 6.7 including 11 kV.
- 8.1.2.5 For optical fibre cable, the mechanical tests and water penetration tests as specified in Telkom SA Limited Specification 401E.

8.1.3 **Type Tests on High Voltage XLPE cables and accessories**

The following tests shall be carried out:

- 8.1.3.1 Tests as specified in IEC 60840 and SANS 60502.
- 8.1.3.2 Power Frequency Voltage Test
As specified in ESI 09-16 clause 7.8.8 except that the test voltage shall be 2,5 U₀.
- 8.1.3.3 Cable and Accessory Examination.
As specified in ESI 09-16 clause 7.8.10.
- 8.1.3.4 Insulation/Screen Moisture Content Determination.
As specified in ESI 09-16 clause 7.9.1.
- 8.1.3.5 Internal Thermal Resistance of Complete Cable.
As specified in ESI 09-16 clause 7.9.7.

8.1.4 **Routine Tests on Medium Voltage Cable**

- 8.1.4.1 For cross-linked polyethylene cable routine tests as specified in SANS 1339.
- 8.1.4.2 For paper insulated cable routine tests as specified in SANS 97 and SANS 1411.
- 8.1.4.3 Other tests as requested by the Engineer.

8.1.5 **Special (sample) Tests on Medium Voltage Cable**

- 8.1.5.1 For cross-linked polyethylene cable: Additional tests on lead sheath cables as specified in SANS 1339.
- 8.1.5.2 For paper insulated cable a "Functional" bending test shall be conducted on a sample of the cable.

8.1.6 **Type Tests on Medium Voltage Cable**

- 8.1.6.1 For cross-linked polyethylene cable and accessories:
 - Type approval tests as specified in SANS 1339.

8.1.7 **Routine Tests on Low Voltage Cable**

The cable shall be subjected to tests specified in SANS 1507, 1411 and 1418 and NRS 011 and 063 and to such further tests as the Engineer may deem necessary.

9 **SCOPE OF THE QUALITY ASSURANCE SERVICE FOR HIGH VOLTAGE SWITCHGEAR**

9.1 Tests in the Manufacturer's Works

The professional service provider shall witness the following:

9.1.1 Circuit breakers

9.1.1.1 Type Tests

Type tests shall be performed to the satisfaction of the Engineer and Tenderers shall show that the test procedures adopted on each unit assembly are adequate to ensure that the completely erected circuit breaker is capable of operating within the guaranteed limits with respect to opening and closing times etc and that all routine tests required by SANS 62271 are covered. Where required by the Engineer, a complete circuit breaker shall be erected and tested at the manufacturer's works to verify these guarantees

9.1.1.2 Routine Tests

9.1.1.3 All routine tests as specified in SANS 62271.

9.1.1.3.1 Timing Routine Tests

9.1.1.3.2 Tests shall be carried out in an approved manner on circuit-breaking equipment's to prove that these comply with the specified speed of operation

9.1.2 Disconnectors and Earthing Switches

Each type of disconnector and earthing switch being provided shall be subjected to the type and routine tests specified in SANS 62271, and shall comply fully with the following supplementary type and routine tests:

9.1.2.1 Type Tests

In order to demonstrate the insulation coordination of the disconnection the critical flashover levels to earth and across the open gap shall be determined. The 'up and down' method described by SANS 60060 shall be used for these tests.

9.1.2.2 Routine Tests

When the disconnector is not completely assembled in the manufacturer's works, the operational test specified shall be made on each mechanism being provided, the disconnector loading being simulated.

9.2 Current Transformers

9.2.1 Type Tests

Type tests shall be made in accordance with SANS 61869 along with the additional tests as detailed below and in the following sequence. Equivalent type test certification in accordance with the replaced standard SANS 60044-1 will be accepted for current transformers that have not yet been tested to the replacement specification SANS 61869.

9.2.1.1 Short Time Current Test

9.2.1.2 Temperature Rise Test

9.2.1.3 Lightning Impulse Voltage Withstand Test

9.2.1.4 Thermal Stability Test

9.2.1.4.1 Each type of current transformer being provided shall be subject to a thermal stability test as follows:

9.2.1.4.2 The transformer, complete as in service shall be erected in a suitable chamber such that the temperature of the surrounding medium is maintained at 75°C. A sufficient period shall be allowed for the transformer to reach equilibrium with the surrounding air prior to applying a voltage of 0,86E to the primary winding.

9.2.1.4.3 The loss angle shall be measured at suitable intervals until a virtually constant level is attained. The transformer shall be allowed to cool to the ambient temperature and the loss angle test repeated. No significant change of loss angle shall have occurred.

9.2.1.5 Radio Influence Voltage Type Tests

One complete current transformer of each type being supplied shall be assembled as in service and subjected to radio influence voltage tests in accordance with SANS 61869.

9.2.1.6 Internal Discharge Test

9.2.1.6.1 Each current transformer shall be assembled complete as in service and subjected to an internal discharge test at an applied voltage of 0,67E. Measurement of the actual value shall be made when the applied voltage is being reduced from 10% in excess of 0,67E. The voltage shall be maintained at 0,67E for at least one minute before making the actual measurement. (E = rated system voltage).

9.2.1.6.2 The preferred test method is one which enables the apparent magnitude of individual discharges to be determined but the use of alternative test methods (eg NEMA) will be considered by the Engineer.

9.2.1.6.3 The current transformer shall be discharge free at normal working voltage and shall not exhibit discharge greater than 5 % at 0,67E. The discharge level at 0,67E using the NEMA method shall not exceed 5 microvolts.

9.2.1.6.4 The test procedure and method of calibrating the instrument and test circuit shall be in accordance with SANS 60270 and subject to the approval of the Engineers. The results obtained on routine tests shall not be significantly different from those obtained during type tests on the same design of transformer.

9.2.1.7 Dielectric Loss Angle Measurements

9.2.1.7.1 Measurements shall be made of the dielectric loss angle and capacitance of the primary insulation between line terminal and test tapping of each complete current transformer using a Schering bridge or other means approved by the Engineer.

9.2.1.7.2 The loss angle characteristics shall be recorded over a voltage range of up to 1,2 times phase to neutral voltage. The loss angle measured shall not change with voltage and shall not exceed the value guaranteed in the Schedules.

9.2.1.8 Tests for Accuracy

9.2.1.9 Magnetisation and Internal Burden Tests

All current transformers shall be subject to the routine test for rated knee point e.m.f. and exciting current in accordance with 7.3.203: SANS 61869.

9.2.2 Routine Tests

Each current transformer being provided shall be subjected to the routine tests specified in SANS 61869-2. These itemised tests are repeated below, but they should be carried out in the following sequence and with the additional tests as detailed.

9.2.2.1 Verification of Terminal Markings

9.2.2.2 Power Frequency Tests on Secondary Windings

9.2.2.3 Overvoltage Inter Turn Tests

- 9.2.2.4 Determination of Errors
- 9.2.2.5 Internal Discharge Test
- 9.2.2.6 Dielectric Loss Angle Measurement
- 9.2.2.7 Power Frequency Dry Test on Primary Windings
- 9.2.2.8 Repeat of Dielectric Loss Angle Measurement
- 9.2.2.9 Repeat of Internal Discharge Test
- 9.2.2.10 Magnetisation and Internal Burden Tests
- 9.2.2.11 Partial discharge tests in accordance with SANS 61869-1

9.2.3 **Routine Tests – Class X**

Class X current transformers have the following additional tests carried out:

9.2.3.1 Rated Knee-Point Voltage

A sinusoidal voltage at rated frequency equal to the rated knee-point voltage shall be applied to the secondary terminals, all other windings being open-circuited, and the exciting current measured. The voltage shall then be increased by 10% and the exciting current shall not increase by more than 50%.

9.2.3.2 Exciting Current

An excitation curve shall be taken at least up to that point where an increase of 10% in voltage results in an increase of 100% in current. The exciting current at the rated knee-point voltage and/or at any stated percentage thereof, shall not exceed the specified value(s).

9.2.3.3 Secondary Winding Resistance

The resistance of the secondary winding shall be measured and the value, when corrected to 75°C, shall not exceed that specified.

9.2.3.4 Turns Ratio

The turns ratio shall be determined and shall not differ from the specified ratio by more than $\pm 0,25\%$.

9.3 **Voltage Transformers**

9.3.1 **Type and Routine Tests**

Voltage transformers shall be subjected to the type and routine tests specified in SANS 61869-3. Equivalent type test certification in accordance with the replaced standard SANS 60044-2 will be accepted for voltage transformers that have not yet been tested to the replacement specification SANS 61869-3.

9.3.1.1 Radio Influence Voltage Tests

One complete voltage transformer of each type being supplied shall be assembled as in service and subjected to radio influence voltage tests, in accordance with SANS 62271.

9.3.1.2 Verification and Accuracy over Temperature Range

The accuracy of each type of voltage transformer being provided shall be verified over the temperature range specified in Schedule C3.12. The accuracy shall be within the levels guaranteed and be determined at the maximum and minimum temperature specified and at least two intermediate temperatures.

9.4 **Busbar Conductor and Connections**

Tests in accordance with IEC 60209.

9.5 **Complete Bushing Assemblies**

These may comprise complete porcelain units, or a bakelised or oil-impregnated paper bushing in a porcelain outer shell, with or without oil or other approved filling.

The following tests shall apply to oil-impregnated or bakelised paper bushings. For porcelain bushings, or porcelain bushings with oil or other filling, the Power Factor test shall be omitted.

9.5.1 **Routine Tests**

The following tests specified in the Employer's standard specification shall be carried out on all bushing assemblies when complete as in service with arcing horns where fitted.

- 9.5.1.1 Oil Leakage Test
- 9.5.1.2 Bushing Insulator Voltage Withstand Test
- 9.5.1.3 Power Factor Test
- 9.5.1.4 Visible Corona Type Test
- 9.5.1.5 Dry Withstand and Flashover Voltage Type Test
- 9.5.1.6 Impulse Voltage Test
- 9.5.1.7 Check Power Factor Test
- 9.5.1.8 Puncture or Oil-immersed Voltage Withstand
- 9.5.1.9 Power Factor Measurement

9.6 **Post Insulators**

9.6.1 **Routine Tests**

In addition to the routine tests as detailed in SANS 60168 and 62271, the following routine tests shall be carried out, in the order given, on all post insulator units:-

- 9.6.1.1 Mechanical Routine Tests
- 9.6.1.2 Over-Voltage Routine Test

9.6.2 **Type Tests**

Type tests specified in SANS 62271.

10 **SCOPE OF THE QUALITY ASSURANCE SERVICE FOR MEDIUM VOLTAGE SWITCHGEAR**

10.1 **INSULATED PRESSURE CONTAINERS (INCLUDING CIRCUIT BREAKERS)**

10.1.1 **Routine Pressure Tests**

Each container made of insulating material which in services has to withstand pressures in excess of atmospheric pressure, shall be routine pressure tested hydraulically after all necessary machining work on them has been completed.

10.2 **Circuit Breaker Tanks**

One tank of each type shall be tested to three times the maximum impulse pressure to which the circuit breaker is subjected under short circuit conditions.

Measurements shall be made to determine the magnitude of the temporary distortion. There will be no permanent set

10.3 **Motors**

Performance tests shall be in accordance with SANS 60034-1.

10.4 **Motor Control Equipment**

Type and routine tests shall be carried out in accordance with SANS 60947.

10.5 **Medium and High Voltage Switchgear**

10.5.1 **General**

These shall be in accordance with the relevant standard specifications in addition to those listed below. Where three phase assemblies are supplied the testing of these shall be fully three phase.

10.5.2 **Type Tests**

10.5.2.1 **Thermal Stability Tests**

All insulating parts (eg bushings) of the equipment of which the major insulation comprises an organic material shall be subjected to a thermal stability test, the test procedure being that specified in SANS 60137.

10.5.2.2 **Partial Discharge Tests**

All components of the switchgear apparatus utilising organic insulation materials as the major insulation shall be subjected to partial discharge measurements. The test method shall be one which enables the apparent magnitude of individual discharge to be determined in accordance with the requirements of SANS 60270.

10.5.2.3 **Radio Interference Voltage Tests**

Where an external bushing is provided a radio influence voltage measurement shall be made in accordance with SANS 62271. The level shall not exceed that specified in the Schedules.

10.5.2.4 **Internal Arcing Test**

10.5.2.4.1 The chamber having the smallest internal volume shall be subjected to an internal arc between conductor and casing with a current not less than the full short circuit rated current for a period of 500 ms. The casing shall remain intact for at least 150 ms and the barrier insulators shall not incur gas leakages of greater than 0,01% per hour of the liquid volume of the chamber under test.

10.5.2.4.2 During the test, the gas pressure shall not increase to above design pressure.

10.5.2.5 **Pressure Relief Devices**

The ability of the devices to relieve pressure shall be demonstrated.

10.5.2.6 **Mechanical Operation Tests**

10.5.2.6.1 **Operational Tests at Extreme Range of Temperatures**

Tests shall be made to demonstrate the equipment is capable of operating normally at the extreme range of the temperatures specified. The test method shall be subject to agreement between manufacturer and the purchaser.

10.5.2.6.2 Verification of the Degree of Protection

Tests shall be performed on all auxiliary circuits to demonstrate that the degree of protection provided is in line with that specified, the test methods being as stated in SANS 62271.

10.5.3 Routine Tests

The routine tests as specified in SANS 62271 shall be made on each sub assembly or transportable assembly as is appropriate.

10.5.3.1 Dielectric Tests

A power frequency voltage test at the level specified shall be made on each component of the switchboard. The auxiliary circuits shall be subjected to a one minute power frequency test of 2 kV.

10.5.3.2 Partial Discharge Tests

Each item of organic insulation shall be subjected to partial discharge tests as specified in SANS 60270. Each factory assembled unit shall also be tested.

10.5.3.3 Resistance of Main Circuits and Joints

The resistance of each joint or contact within a particular assembly shall be measured and shall not differ from that measured during the temperature rise test by more than $\pm 10\%$.

10.5.3.4 Gas Leakage Test

Each individual assembly or complete switchgear assembly shall be tested to demonstrate that the gas leakage rate does not exceed that guaranteed by the manufacturer.

10.5.3.5 Testing of Interlock Equipment

Each assembly of interlocking shall be operated 50 times in succession with the electrical, pneumatic or hydraulic devices set to the most unfavourable operating values.

10.5.3.6 Pressure test on the brass cable glands

10.5.3.7 Demonstration of the phasing out sockets by applying rated voltage to the switchboard.

10.5.3.8 Routine tests of the SF6 gas in accordance with IEC 60376.

10.5.3.9 Routine partial discharge tests on all capacitive dividers in accordance with the requirements of BS 3941.

10.5.3.10 For medium voltage metal-clad air insulated switchgear, the complete switchboard shall be erected and tested to prove interlocking, interchangeability and completeness of the board. Full secondary equipment functionality testing shall also be conducted.

11 SCOPE OF THE QUALITY ASSURANCE SERVICE FOR ANCILLARY EQUIPMENT

11.1 Substation Control Systems and Remote Terminal Units

11.1.1 Type Tests

11.1.2 General

11.1.2.1 The proposed FAT document shall be submitted to the Engineer for approval not later than one month prior to the date of tests. The document shall detail, as a minimum, the test objective, test co-ordinators, equipment required, test conditions, reference documentation, expected results, possible errors, remedy procedures, retesting procedures and witnesses required.

- 11.1.2.2 The RTU/IED used for the FAT shall be equipped with sufficient I/O modules to bring it up to the specified expansion capacity.
- 11.1.2.3 All RTU/IED inputs shall be pulsed in turn at their minimum specified pulse duration. This testing shall be applied to the terminal strip inputs and not at the input interface on the I/O card.
- 11.1.3 Protocols
- 11.1.3.1 All protocol tests must be demonstrated for all specified protocols.
- 11.1.3.2 The IEC 60870-5-101 protocol shall be tested utilising an existing ASE 2000 protocol emulator.
- 11.1.3.3 The protocol acceptance testing shall, as a minimum, demonstrate the following:
- The transfer of alarms and indications.
 - The receipt of commands and settings.
 - Correct implementation of housekeeping telegrams including error recovery, repeat transmission, message sequence counting etc.
 - Adherence to the priority structure of telegrams.
 - The different measurand cycles (viz. threshold, high and low priority).
 - Correct implementation of time synchronisation. The message structures that are transmitted for real time events when the system has not been time synchronised shall be demonstrated.
 - Startup messaging and the message sequence counting.
 - Correct action in the event of invalid telegrams.
 - Correct action in the event of communications errors.
 - Correct action in the event of modem carrier errors/loss.
 - Correct action in the event of a General Check.
 - Correct action in the event of a Test Telegram.
- 11.1.4 Flood Test
- 11.1.4.1 All listed flood tests must be demonstrated for all specified protocols.
- 11.1.4.2 Flood testing will be conducted at a level equal to 60% of the maximum RTU/IED capacity or 100% of the specified expansion capacity, whichever is the smaller I/O count.
- 11.1.4.3 All digital inputs (i.e. determined by the 60% rule) will simultaneously be subject to four changes in state at a 1ms rate. Every change of state shall be reported.
- 11.1.4.4 During the above digital input test 60% of all analogue inputs, for which two high set alarm thresholds have been set, shall be adjusted in value such that the analogue value exceeds both high set alarm limits. The RTU/SCS shall report both analogue alarm limits for each analogue value.
- 11.1.4.5 Time Synchronization and time Stamping Test
- 11.1.4.6 Tests for each type of RTU/IED in the SCS system are to be produced to prove time synchronization and time stamping accuracy for the complete system. A minimum of four binary inputs of a particular RTU/IED are to be connected to the 1 second output pulse of a GPS unit (to be supplied by the Contractor) and at least 1 hour's pulses are to be recorded using the SCS system. Statistical analysis of the recorded time stamping accuracy shall be provided which shall include a graph showing the difference between recorded activation time and expected activation time versus event number.

- 11.1.4.7 The Engineer may waive these tests should acceptable type test results for the equipment in the exact same configuration be produced.
- 11.1.4.8 Insulation Test
- A 1,5 kVrms one minute duration insulation test shall be made between all parts as specified elsewhere.
- 11.1.5 Routine tests
- The routine tests specified in the relevant standard specified shall be carried out if so required by the Engineer.
- 11.1.6 Type tests
- Type tests as specified shall be carried out if so required by the Engineer unless test certificates of an approved testing authority shall be produced.
- 11.2 **Protection Equipment**
- 11.2.1 **Routine Tests**
- 11.2.1.1 All relays shall be subjected to routine tests at the manufacturer's works to confirm that they comply with the claimed performance and design limits.
- 11.2.1.2 For measuring relays (i.e. relays which have a defined setting of the input and/or characteristic quantity subjected to accuracy requirements, e.g. current, time etc) these routine tests shall include as a minimum the following:
- a. Measurement of the assigned error(s) under reference conditions, i.e. measuring accuracy and operating time characteristics.
 - b. Measurement of the resetting ratios.
 - c. Dielectric tests as specified in Clause 6 of IEC 60255 5, the test voltage being 2 kVrms. All normally open output contacts of all relays shall withstand a test voltage of 1 kVrms.
- 11.2.1.3 For all or nothing relays, the routine tests shall include a check of relay operation and resetting, together with the dielectric tests described above.
- 11.2.1.4 Unless otherwise agreed with the Engineer, all unit protection schemes using either biased differential, current balance or voltage balance principles shall be subjected to heavy current conjunctive tests using the actual current transformer windings which will be used in service. Tests shall be made to prove operating sensitivity, time of operation and to demonstrate stability of the protection under the worst transient external fault conditions. Tests will only be waived if the manufacturer is able to produce type test results for an identical scheme. In this case it will be sufficient to prove that individual component characteristics are identical, eg current transformers are of the same design, have the same magnetization characteristics, knee point voltage and secondary resistance.
- 11.2.1.5 For protection schemes including distance protection, phase comparison protection, auto-reclosing and automatic switching sequence schemes etc routine tests shall be performed on each complete scheme to ensure that all possible operational sequences and features are fully functional. Where necessary, this shall be done using simulation of any ancillary equipment normally used in conjunction with the scheme, e.g. circuit breakers. These routine tests will be performed in addition to the tests normally applied to individual elements of the scheme and details of the proposed test programme shall be submitted to the Engineer for approval not less than one month before they are to be performed.
- 11.2.1.6 If such routine tests are not practicable due to the complexity of the scheme, a scheme type test will be accepted on production equipment. The test shall be performed so as to simulate, as nearly as possible, the conditions which will be experienced in service and details of the proposed test programme shall be submitted to the Engineer for approval not less than one month before they are performed.

In those cases where correct operation of the scheme is dependent on measured quantities associated with primary system plant (e.g. circuit breaker gas pressure), such quantities shall be measured directly during the tests.

11.2.2 Type Tests

11.2.2.1 Approved type tests shall be carried out in the manufacturer's works on each type of protective system. During the tests, ancillary equipment shall be erected and connected so as to reproduce service conditions as closely as possible. The main purpose of these tests shall be to determine the performance of the protection for the range of system conditions which will be encountered by the protection in practice, and to determine all the appropriate application parameters. The test condition shall be as agreed by the Engineer.

11.2.2.2 Where type tests have been carried out under previous contracts on protective equipment similar in all essential respects to the equipment included in the Contract, the Engineer may waive the type tests on production of complete test records which he approves, relating to the equipment concerned. Each set of test records shall include a full statement of the performance claims, e.g. performance under reference conditions, effect of influencing the quantities, steady state and dynamic stability for unit protection schemes, current and voltage transformer requirements, etc and full details of tests performed on representative samples of production equipment to demonstrate that the performance claims have been met.

11.2.2.3 For circulating current protective schemes using high impedance relays, calculation of the predicted performance will be accepted in lieu of type testing of each individual scheme. Type test results must, however, be available for inspection by the Engineer to show that heavy current conjunctive tests have been performed on a representative scheme to prove the stability and operating time performance. Details of the accepted method of calculation are given in Appendix A.

11.2.2.4 In addition, each scheme must fulfil the following supplementary routine testing requirements:

- a. Each current transformer, which must be of the low reactance type, shall be individually tested for turns ratio, secondary winding resistance and excitation characteristic up to a secondary voltage equal to 120% of the "knee point" voltage.
- b. The VA consumption at operation of current operated relays shall be measured and shall not exceed the maximum value declared by the manufacturer.
- c. The operating current of voltage relays shall be measured and shall not exceed the maximum value declared by the manufacturer

11.3 Batteries and Associated Equipment

11.3.1 Routine Tests for Battery Charger

11.3.1.1 The routine tests specified in SANS 1652.

11.3.1.2 Constant Voltage Float Charging, Voltage Control

Tests shall be carried out to show that the output voltage remains constant within the specified limit under all combinations of input voltage and frequency variation as stated in the Schedules and at 5%, 25%, 50%, 75%, 100% and 115% of rated load.

11.3.1.3 Constant Voltage Float Charging Output Current

Tests shall be carried to demonstrate that the charger is capable of providing the specified output current at nominal input voltage and frequency and that the current limiting circuit operates correctly.

11.3.1.4 Boost Charging Voltage Control

Tests shall be carried out to show that at 5%, 25%, 50%, 75% and 100% of rated load the voltage in the battery and the voltage at the dc distribution board do not exceed the specified values.

11.3.1.5 Boost Charging Output Current

Tests shall demonstrate that the battery cannot be boost charged at a rate exceeding the battery manufacturer's recommendation at any combination of input variables as stated in the Schedules and at any load on the dc distribution board between 0 and 115% of normal continuous load.

11.3.1.6 Temperature Rise Test

The equipment shall be operated continuously for 24 hours at maximum rated output and input levels under the climatic conditions shown in the Schedules to demonstrate the temperature rise of individual components is within the component manufacturers specifications and to show that this complete charger assembly complies with this Specification.

11.3.1.7 Noise Level

It shall be demonstrated that under the specified conditions the specified maximum psophometric noise level is not exceeded. This test shall be carried out with the specified type of battery in good condition and fully charged connected to the charger, all operating at the worst climatic condition shown in the Schedules.

11.3.1.8 Power Loss

The input to output power loss at 5%, 50% and 100% full load at nominal input conditions shall be measured and recorded together with the input power factor.

The losses shall not be greater at 100% load than those guaranteed by the Contractor as shown in the Tender or as amended by agreement with the Engineer.

11.3.1.9 Voltage Withstand Test

A routine voltage withstand test at 2,5 kVrms as specified in Table 3 of SANS 1652 shall be applied for a duration of one minute. It shall be demonstrated that effective electrical continuity exists between the earth stud, the charger cubicle and all component metal cases.

12 SCOPE OF THE QUALITY ASSURANCE SERVICE FOR DISTRIBUTION AND POWER TRANSFORMERS AND REACTORS

General

The Transformer Contractor shall carry out the tests specified in the Technical Specifications and such additional tests in the manufacturer's works as in the opinion of the Engineer are necessary to determine that the Works comply with the Specification whether under test conditions or in ordinary working. Type tests may be omitted at the discretion of the Engineer if satisfactory evidence is given of such tests already made on identical equipment. Evaluation of type test certification shall be conducted per transformer type.

12.1 Tests in the Manufacturer's Works

The professional service provider shall witness the following:

12.1.1 Routine tests (Power Transformers and Reactors $\geq$ 10 MVA)

12.1.1.1 Routine tests shall be carried out in accordance with SANS 60076 and IEC 60214 at the specified voltages and on all taps.

12.1.1.2 Routine tests as specified below shall also be carried out:

12.1.1.2.1 Core assembly dielectric and earthing continuity tests in accordance with NRS 054.

12.1.1.2.2 No load current at

90 % rated voltage
100 % rated voltage
110 % rated voltage

12.1.1.2.3 Impedance voltage test on all tapping positions

12.1.1.2.4 Capacitance and tan delta between windings, and between each winding and earth.

12.1.1.2.5 Tank routine tests in accordance with NRS 054.

12.1.1.2.6 Routine tests on the transformer oil in accordance with NRS 079-1.

12.1.1.2.7 Secondary wiring insulation test.

12.1.1.3 Other tests as requested by the Employer.

12.1.2 Type tests

The following tests as specified in SANS 60076 if so required by the Employer to be carried out:

12.1.2.1 A temperature-rise type test on one transformer of each type selected by the Employer shall be carried out in accordance with SANS 60076.

12.1.2.2 Full wave and chopped wave voltage withstand test on one transformer of each type.

12.1.2.3 Type tests as may be required by the Employer on the on-load tap-changing apparatus.

12.1.2.4 Transformer tank type tests as specified in NRS 054.

12.1.3 Special tests

12.1.3.1 Zero phase-sequence impedance test on each transformer, as specified in Section 8.7 of SANS 60076 – 1, where applicable.

12.1.3.2 Noise level measurements on each transformer shall be made in accordance with IEC 60076-10.

12.1.3.3 A Swept Frequency Response Analysis to Dobell specification shall be carried out on each unit.

12.1.4 HV bushing test

The routine, type, sample and special tests shall be carried out in accordance with SANS 60137.

12.1.5 Short circuit test

Where required by the Employer a short circuit test as specified in SANS 60076.

12.1.6 Current Transformers

The routine tests as dictated by SANS 60044 on each current transformer.

12.2 Distribution Transformers (200 kVA ≤ 10 MVA)

12.2.1 For distribution transformers the following will apply:

12.2.1.1 Routine tests as specified in SANS 780, SANS 1029, SANS 1874, SANS 62271-200, SANS 62271-202 and other applicable standards shall be carried out on all units prior to dispatch, and shall be witnessed by the Engineer or his duly appointed representative.

12.2.1.2 In addition to the routine tests laid down in SANS 60076-1 and Section 10.2 of SANS 780 (to be performed on all transformers), sample sound level tests shall be carried out on one or more samples

from each batch (i.e. distribution / pole mounted transformers, Miniature substations). The total sound level shall be recorded in accordance with the provisions of SANS 60076-10. Such tests shall determine total sound level including contributions due to both no-load excitation and load current and shall prove ongoing compliance with the SANS 780 audio sound level limits.

- 12.2.1.3 Insulation resistance Megger readings of MV phase to LV phase, as well as MV and LV phase to earth (neutral to earth link removed) shall be taken after assembly and in the presence of the Engineer. The minimum acceptable readings for the high and low voltage sides are 2 000 MΩ and 500 MΩ at 2 kV minimum, respectively.
- 12.2.1.4 Routine factory tests shall include testing of shunt tripping facilities on miniature substations to verify set points and prove correct operation, and manufacturers shall issue certification accordingly.
- 12.2.1.5 Factory manufacturing and assembly check sheets and test sheets shall include routine factory tests / inspections to verify correct bushing fitment and torque settings for bushing fasteners, as a means of addressing ongoing problems of insidious oil seepage following delivery. The Engineer reserves the right to carry out inspections and to inspect QA check-sheets at manufacturing and assembly hold points prior to filling and sealing of tanks in order to verify correct bushing fitment and torqueing.
- 12.2.1.6 PCB free / oil compliance test certificates shall be submitted to the Purchaser per batch of transformers or miniature substations, certifying that the oil used in the transformers complies with the required standards. Such certificates shall reference the full range of transformer serial numbers covered by the oil compliance test certificate.
- 12.2.1.7 Certificates giving the full results of all tests made on the equipment shall be submitted to the Engineer by the Contractor for approval prior to or at the time of delivery of the equipment. All routine test certification shall be dated and signed by the manufacturer's test engineer. Equipment will not be formally accepted until such time as full routine test certification has been submitted and approved.
- 12.2.1.8 In addition, all routine test certification shall be submitted electronically (in pdf format) to the Engineer prior to delivery of the equipment, for the Purchaser's records.

12.3 **Documentation to be submitted with tender:**

- 12.3.1 To enable the Employer to assess the expertise and competence of the Tenderer a detailed Work Plan shall be submitted together with a copy of a recent Quality Assurance Inspection report undertaken by the Tenderer.
- 12.3.2 The Work Plan shall inform and substantiate the quantities to be entered by the Tenderer on the Activity Schedule.

12.4 **Specification Development and Skills Transfer**

- 12.4.1 This service will only be required as and when required by the Employer. The Specification development service shall include amending existing transformer/ reactor specification for the Employer accordance with latest international standards. The outcome of the specification development will enable the Employer to specify new transformer/ reactor types, new transformer application, new cooling methods and new construction methods.
- 12.4.2 The Skills transfer service (training) shall be for intermediate level staff with basic knowledge of power transformers/ reactors. The Skills transfer service should enable the Employer's staff (City of Cape Town staff) to effectively evaluate the OEMs production, manufacturing processes and testing procedures. Details on how to conduct a factory Quality Assurance inspection shall also be included. The specialist consultant (instructor) assigned for this function shall have prior experience in developing specifications and Skills Transfer (training). Skills transfer training shall be conducted in person or via webinar sessions. The consultant shall prepare the required learning material accordingly. The number of people/ staff attending any given skills transfer (training) will vary as operational requirements dictates.

13 SCOPE OF THE DESIGN REVIEW FOR POWER TRANSFORMERS AND REACTORS

Design Review

13.1 Stage 1 Design Review

- 13.1.1 In terms of the specification the tenderers are required to submit a design calculation sheet for each type of transformer offered as well as submit the Detailed Particulars and Guarantees schedules included in the technical specification.
- 13.1.2 The first stage design review must evaluate the data contained on the calculation sheet and technical schedules and the deliverables include a quality score in terms of technical merit in order for the City to evaluate each design offered to enable the awarding of a tender. This will be used in the tender evaluation stage and will not replace the need for a second stage design review to be held with the successful tenderer.
- 13.1.3 The professional service provider must develop a system to score the technical merit against which the tendered offers will be evaluated. The first stage design review must then assess each transformer design in accordance with this scoring system and assign a design score out of 100 for each design submitted. The full details of the design and technical particulars offered will be issued by the City to the professional service provider.
- 13.1.4 While evaluating the first stage design the professional service provider must submit to the City an estimate of the cost of undertaking the second stage design review at the particular tenderer's works to enable the City to calculate the total cost of ownership for each tender.
- 13.1.5 The design reviews shall be conducted in accordance with NRS 054 and the CIGRE Working Group A2.26 guideline document for design reviews.

13.2 Stage 2 Design Review

- 13.2.1 The second stage 2 design review will commence after the offer has been placed but before manufacture commences.
- 13.2.2 Design reviews will be conducted in accordance with NRS 054 and the CIGRE Working Group A2.26 guideline document for design reviews by the professional service provider at the manufacturer's works and shall include design assessment and inspection of the manufacturing and test facilities. During this stage, the professional service provider will have the opportunity to ensure that the specification has been interpreted correctly.
- 13.2.3 The professional service provider shall conduct design reviews at all critical stages of the design, and shall submit findings of these reviews to the Employer. These reviews shall be more detailed than the first stage review and shall be related to the specific design of the transformer on order. For this stage, the design control element of SANS 9001 shall apply.
- 13.2.4 The scope of such a review will include the following:
- a) core design;
 - b) winding and tapping design;
 - c) thermal design;
 - d) insulation co-ordination;
 - e) tank and auxiliaries:
 - bushings;
 - tap-changers;
 - protective devices; and
 - oil preservation system;
 - f) corrosion protection;
 - g) processing and assembly;
 - h) testing;
 - i) short-circuit withstand capability;
 - j) transient withstand capability;

- k) noise;
- l) overload capability;
- m) operation capability beyond nameplate specification; and
- n) RAM (reliability, availability and maintainability).

13.2.5 Documentation to be submitted with tender:

13.2.5.1 To enable the Employer to assess the expertise and competence of the Tenderer a detailed Work Plan shall be submitted together with a copy of a recent Design Review report undertaken by the Tenderer.

13.2.5.2 The Work Plan shall inform and substantiate the quantities to be entered by the Tenderer on the Activity Schedule.

13.3 Specification Review and Skills Transfer

13.3.1 This service will only be required as and when required by the Employer. The Specification review service shall be in accordance with latest international standards. The outcome of the specification review will enable the Employer to amend the specifications and technical schedules to include new transformer/ reactor types, new transformer application, new cooling methods and new construction methods.

13.3.2 The Skills transfer service (training) shall be for intermediate level staff with basic knowledge of power transformers/ reactors. The Skills transfer service should enable the Employer's staff to effectively evaluate all transformers/ reactors technical design and specification. The specialist consultant (instructor) assigned for this function shall have prior experience in conducting Specification Reviews and Skills Transfer (training). Skills transfer training shall be conducted in person or via webinar sessions. The consultant shall prepare the required learning material accordingly. The number of people/ staff attending any given skills transfer (training) will vary as operational requirements dictates.

14. REFERENCE DATA

Not Applicable

15. APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS

The Service Provider shall ensure that cognisance of all applicable national and international standards is taken in the execution of his/her own work and that of his/her sub-consultants in the compilation of specifications for this project. International standards should only be used where no national standards exist, or where it is the norm to use or refer to international standards.

16. APPROVALS

The Service Provider shall be responsible for obtaining the following approvals:

- (a) In respect of time based services, approval of the allocation of staff and quantities from the Employer.
- (b) Where additional services are required, approval of the proposal from the Employer.
- (c) Approval for the employment of specialist sub-consultants from the Employer.
- (d) Written proof for travelling expenses submitted and approval from the Employer.

Notwithstanding any approval received from the Employer, the Service Provider shall remain responsible for all work carried out by the Service Provider and its sub-consultants in terms of this contract.

17. PROCUREMENT

17.1 Preferential Procurement

The Works shall be executed in accordance with the conditions associated with the granting of preferences detailed in the **Preference Schedule** where preferences are granted in respect of B-BBEE contribution.

Financial penalties, as described in the **Preference Schedule**, shall be applied in the event that the Contractor is found to have breached and of the conditions contained in the **Preference Schedule** (unless proven to be beyond the control of the Contractor).

Notwithstanding the application of penalties, the Contractor's attention is drawn to other sanctions that may be applied by the Employer (listed in the **Preference Schedule**) with due consideration to the circumstances.

17.2 Monitoring the use of sub-contractors/sub-consultants and joint ventures

Notwithstanding the restriction on sub-contracting as described on the **Preference Schedule**, it is recognised that sub-contracting is an integral part of construction, which the conditions of contract make provision for.

In order, however, to comply with the requirements of the **Preference Schedule**, the Contractor shall submit to the Employer's Agent, on a monthly basis, a **B-BBEE Sub-contract Expenditure Report**. The format of this report is provided in Annex 2 attached.

The Contractor shall submit to the Employer's Agent documentary evidence in accordance with the applicable codes of good practise, of the B-BBEE status level of every sub-contractor employed by the Contractor. Until such time as documentary evidence as described above has been submitted to the Employer's Agent, a sub-contractor shall be deemed to be a non-compliant contributor.

The Contractor shall furthermore, on the written request of the Employer's Agent, provide documentary evidence showing the value of work sub-contracted to any or all of the sub-contractors employed by the Contractor.

17.3 Forms for contract administration

The Service Provider shall complete, sign and submit with each monthly statement for payment, the following updated returns (the format of which are attached in C3.2 Annexes as amended from time to time):

- B-BBEE Sub-contract Expenditure Report (Annex 1)
- Joint Venture Expenditure Report (Annex 2)

The **B-BBEE Sub-contract Expenditure Report** is required for monitoring the prime contractor's compliance with the sub-contracting conditions of the **Preference Schedule**.

The Joint Venture Expenditure Report is required for monitoring the joint venture's compliance with the percentage contributions of the JV partners as tendered, where the joint venture has been awarded preference points in respect of its consolidated B-BBEE scorecard.

In respect of Annexes 1 and 2, the Employer shall, in addition to any other sanctions available to it, apply the financial penalties applicable to breach of preferencing conditions in the **Preference Schedule** in Part T2.2 Returnable Schedules. In the case of joint ventures (Annex 2), the contractor shall prove his compliance with item 6) in Section 2 of the Preference Schedule by providing a consolidated scorecard at his own cost on instruction from the Employer's Agent.

18. FORMAT OF COMMUNICATION

All requests for formal approval from the Employer, or any other body, shall be submitted in writing in hardcopy format. Interim payment claims shall be submitted in the same format, accompanied by an original tax invoice. Ad-hoc communication between the Employer and the Service Provider may be conducted per facsimile or in electronic format (e-mail).

All plans and contract documents submitted for approval shall be in hardcopy format.

19. KEY PERSONNEL

The Service Provider shall maintain the involvement of the following key personnel as the exigencies of this contract require:

- (a) Lead Quality Assurance Inspector, a qualified technologist / engineer with at least 10 (ten) years

verifiable experience in the inspection of:

- i) High Voltage, Medium Voltage and Low Voltage Electrical Cables, and/or
- ii) High Voltage Switchgear, and/or
- iii) Medium Voltage Switchgear and/or
- iv) Ancillary Equipment, and/or
- v) Power Transformers 10MVA and larger and Reactors.

- (b) Lead Design Review Consultant, a professional engineer with at least 10 (ten) years verifiable experience in the design review of power transformers 10 MVA and larger and responsible for executing all work carried out in terms of this tender.

Should it become necessary to replace any of the key personnel listed at the time of tender during the course of this contract, they may only be replaced by individuals with similar or better qualifications and experience, who satisfy the minimum requirements and then only with the approval of the Employer.

20. MANAGEMENT AND MEETINGS

The service provider shall assign or appoint a qualified professional as the Project Manager for this contract. The project manager shall at least have 5 (five) years verifiable experience, in managing projects of similar scope. The Project Manager shall perform all the Contract Administration duties, day to day management and communication with OEM's as required under this contract. Where the Project Manager is not in the permanent employment of the service provider, the service provider shall ensure a signed undertaking from a specialist consultant/firm having the required personnel, stating that they will undertake the necessary work on behalf of the tenderer in terms of a sub-consultant agreement.

Any of the Lead Quality Assurance Inspector's may be assign or appointed as the Project Manager under this contract, if he/she provide sufficient evidence of experience. In this regard the Project Manager CV should indicated relevant education (courses/certificates/diplomas) completed including, list of projects completed as project manager.

It shall be noted, the Assistant Quality Assurance Inspector assigned for a specific item, may **Not** be the same person assigned as the Lead QA inspector for that Item.

The service provider shall assign or appoint an Assistant Quality Assurance Inspector (Category C or D person) to assist the Lead Quality Assurance Inspector with certain parts of the quality inspections and report writing functions. However, the Assistant Quality Assurance Inspector shall not be accountable for the overall works and shall not professionally sign off on any work done.

quality inspections/ report writing where required but will not replace the work required to be done by the Lead Quality Assurance Inspector. The Assistant Quality Assurance Inspector shall have adequate technical expertise and relevant experience to perform inspection under the direction and control of the Lead Quality Inspector. Where the Assistant QA Inspector is not in the permanent employment of the service provider, the service provider shall ensure a signed undertaking from a specialist consultant/firm having the required personnel, stating that they will undertake the necessary work on behalf of the tenderer in terms of a sub-consultant agreement.

20.1 Ad-hoc Meetings

The service provider shall be required to attend ad hoc meetings from time to time, with the Employer, stakeholder groups, or service or other authorities, in order to address specific issues as and when the need arises.

20.2 General

The Service Provider shall be represented at all meetings by at-least one of the key personnel, preferably the project leader/ project manager. The service provider shall provide secretarial services (for record keeping purposes) at all management, site/technical, and ad-hoc meetings.

All charges in respect of attendance at meetings and the provision of secretarial services shall be included in the tendered basic fee (Sub-Item No .2.1: C2.2 Activity Schedule).

The Service Provider shall be required to submit a monthly progress report to the employer throughout the duration of the contract. The progress report shall include actual progress on works order, financial status of work orders and contract changed request information

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

C3.2 Annexes

Annex 1: B-BBEE Sub-contract Expenditure Report

Annex 2: Joint Venture Expenditure Report

ANNEX 1

CITY OF CAPE TOWN

CONTRACT NO. AND NAME:

CONTRACTOR (SERVICE PROVIDER):

B-BBEE SUB-CONTRACT EXPENDITURE REPORT BASED ON PAYMENT NO.

Value of the contract (as defined in Schedule 24: Preferencing Schedule) (P*)	R	B-BBEE Status Level of Prime Contractor	
---	---	---	--

Name of Sub-contractor (list all Sub-contractors)	B-BBEE Status Level of Sub-contractor ¹	Total Value of Sub-contract (excl VAT) ¹	Value of Sub-contract work to date (excl VAT) ¹	Value of Sub-contract work to Sub-contractors with a lower B-BBEE Status Level than Prime Contractor
Sub-contractor A		R	R	R
Sub-contractor B		R	R	R
Sub-contractor C		R	R	R

¹ Documentary evidence to be provided	Total:	R
	Expressed as a percentage of P*	%

Signatures

Declared by Contractor (Service Provider) to be true and correct:

Date:

Verified by Employer's Representative:

Date:

ANNEX 2

CITY OF CAPE TOWN

CONTRACT NO. AND NAME:

CONTRACTOR (SERVICE PROVIDER):

JOINT VENTURE EXPENDITURE REPORT BASED ON PAYMENT NO.

Value of the contract (as defined in Schedule 19: Preferencing Schedule) (P*)	R	B-BBEE Status Level of Joint Venture	
---	---	--------------------------------------	--

Name of Joint Venture partner (list all)	B-BBEE Status Level of each JV partner as at contract award	Percentage contribution of JV partner per JV Agreement ¹ A	Total value of JV partner's contribution (excl. VAT) ¹ B = A% x P*	Value of JV partner's contribution to date (excl. VAT) ¹ C	Value of JV partner's contribution as a percentage of the work executed to date D = C/P*100
JV Partner A		%	R	R	%
JV Partner B		%	R	R	%
JV Partner C		%	R	R	%

¹Documentary evidence to be provided

Signatures

Declared by Contractor (Service Provider) to be true and correct:

Date:

Verified by Employer's Representative:

Date:

Part C4: Site Information

Not Applicable.

Part C5: Returnable Documents

	Pages
C5.1 List of Returnable Documents	164
C5.2 Returnable Schedules	165 – 214

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

C5.1 List of Returnable Documents

The tenderer must complete the following Returnable Documents in non-erasable **black ink**:

Returnable Schedules that will be incorporated into the Contract

	Pages
1: COMPULSORY ENTERPRISE QUESTIONNAIRE	166-167
2: CERTIFICATE OF INDEPENDENT TENDER DETERMINATION	168-169
3: CERTIFICATE OF AUTHORITY FOR JOINT VENTURES	170
4: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES(MBD 8)	171
5: DECLARATION OF INTEREST – STATE EMPLOYEES (MBD 4)	172-174
6: DECLARATION OF INTEREST	175
7: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO CCT	176
8: DECLARATION IN RESPECT OF COMPLIANCE WITH LABOUR LEGISLATION	177
9: CONFIRMATION OF CCT SUPPLIER DATABASE REGISTRATION	178
10: CONSULTANCY SERVICES PROVIDED TO ORGANS OF STATE	179
11: SCHEDULE OF WORK EXPERIENCE OF TENDERER	180
12: KEY STAFF	181-196
13: SCHEDULE OF SUPPORT RESOURCES	197
14: PROFESSIONAL INDEMNITY INSURANCE	198
15: FUNCTIONALITY CRITERIA	199
16: PROPOSED WORK PLAN	200
17: CONFIRMATION OF TENDERER REGISTRATION / ACCREDITATION	201
18: OTHER CRITERIA	202
19: PERSONNEL SCHEDULE (OTHER THAN KEY STAFF)	203-204
20: SCHEDULE OF SUBCONTRACTORS	205
21: DEVIATIONS AND QUALIFICATIONS BY TENDERER	206
22: RECORD OF ADDENDA TO TENDER DOCUMENTS	207
23: PRICE BASIS FOR IMPORTED RESOURCES	208
24: PREFERENCE SCHEDULE (where preferences are granted in respect of specific goal(s))	209-212
25: APPEAL APPLICATION (ANNEXURE B)	213
26: INFORMATION TO BE PROVIDED WITH THE TENDER	214

Other documents required for tender evaluation purposes

- a) Joint Venture Agreement (if applicable) - append to Schedule 3.
- b) Curriculum Vitae of Staff as applicable - append to Schedule 12.
- c) Documentary evidence/proof of Professional Indemnity Insurance - append to Schedule 14.
- d) Any other documentary evidence/proof as required - append to Schedule 26.
- e) Functionality Criteria - append to Schedule 15.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

C5.2 Returnable Schedules

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 1: COMPULSORY ENTERPRISE QUESTIONNAIRE

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.	
Section 1: Name of enterprise:	
Section 2: VAT registration number, if any:	
Section 2a: National Treasury Central Supplier Database registration number :	
Section 2b: SARS Tax Compliance Status PIN :	
Section 3: cidb registration number, if any:	
Section 4: Particulars of sole proprietors and partners in partnerships	
* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners	
Section 5: Particulars of companies and close corporations	
Company registration number	
Close corporation number	
Tax reference number	
Section 6: Foreign Bidding Suppliers	
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) Is the tenderer a resident of the Republic of South Africa or an entity registered in South Africa?	☐ Yes ☐ No
c) Does the tenderer have a permanent establishment in the Republic of South Africa?	☐ Yes ☐ No
d) Does the tenderer have any source of income in the Republic of South Africa?	☐ Yes ☐ No
e) Is the tenderer liable in the Republic of South Africa for any form of taxation?	☐ Yes ☐ No

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise:

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004 or Database of Restricted Suppliers;
- iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 2: CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting this tender for Contract No. **456C/2013/14: PROVISION OF PROFESSIONAL SERVICES IN RESPECT OF ...**

in response to the invitation for the tender made by the City of Cape Town, do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:
(Name of Tenderer)

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 authorized 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 authorized 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 organization, other than the tenderer whether or not affiliated with the tenderer, who:
 - (a) has been requested to submit a tender in response to this invitation to tender;
 - (b) could potentially submit a tender in response to this invitation to tender, 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 consortium¹ will not be construed as collusive tendering;
7. In particular, without limiting the generality of paragraph 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 tender;

¹Joint 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.

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 invitation to tender 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 No. 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No. 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Name

.....
Position

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 3: CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This returnable schedule is to be completed by joint ventures.

We, the undersigned, are submitting this tender offer in joint venture and hereby authorize Mr/Ms
....., authorised signatory of the company, close corporation or partnership
....., acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

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, showing clearly the **percentage contribution of each partner** to the joint venture, shall be appended to this schedule.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.SCHEDULE 4: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES (MBD8)

Where the entity tendering is a joint venture, each party to the joint venture must sign a declaration in terms of the Municipal Finance Management Act, 56 of 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:**
- abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - been convicted for fraud or corruption during the past five years;
 - willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - 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).
- 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 listed on the National Treasury's Database of Restricted Suppliers as a company or person prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). The Database of Restricted Suppliers now resides on the National Treasury's website www.treasury.gov.za and can be accessed by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
2.1.1	If so, furnish particulars:		
2.2	Is the Tenderer or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act, 12 of 2004? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes ☐	No ☐
2.2.1	If so, furnish particulars:		
2.3	Was the Tenderer or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☐
2.3.1	If so, furnish particulars:		
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:		

I, _____, the undersigned,
(full name in block letters)

certify that the information furnished on this declaration form is true and correct, and accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

Signature

Date

Position

Name of Tenderer/Contractor

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 5: DECLARATION OF INTEREST – STATE EMPLOYEES (MBD 4)

1. No bid will be accepted from:
 - 1.1 persons in the service of the state¹, 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 during the previous twelve (12) months, or
 - 1.4 from an entity who has employed a former City employee who was at a level of T14 or higher at the time of leaving the City's employ and involved in any of the City's bid committees for the bid submitted, if:
 - 1.4.1 the City employee left the City's employment voluntarily, during the previous twelve (12) months;
 - 1.5 a person who was a City employee, or an entity that employs a City employee, if
 - 1.5.1 the City employee left the City's employment whilst under investigation for alleged misconduct, or
 - 1.5.2 was facing disciplinary action or potential disciplinary action by the City, or
 - 1.5.3 was involved in a dispute against the City 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, shareholder²):.....
 - 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 supplier 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.

.....

.....

13.4 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 City of Cape Town 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 City of Cape Town at a level of T14 or higher at the time they left the employ of the City, and who was involved in any of the City'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 thereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the employer of any other remedies available to it

Signature

Date

Name (PRINT)

(For and on behalf of the tenderer, duly authorised)

'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.

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 6: CONFLICT OF INTEREST

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

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 7: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CITY OF CAPE TOWN

To: THE CITY MANAGER, CITY OF CAPE TOWN

From: _____
(Name of tenderer)

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;
- d) 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 and/or steps in terms of abuse of the Supply Chain Management Policy.
- e)

Physical Business address of the Tenderer	Municipal Account number(s)

If there is not enough space for all the names, please attach the additional details to the Tender Document

Name of Director / Member / Partner	Identity Number	Physical residential address of Director / Member / Partner	Municipal Account number(s)

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 8: DECLARATION IN RESPECT OF COMPLIANCE WITH LABOUR LEGISLATION

Declaration in respect of labour legislation

The tenderer, by signing this schedule, declares that it will comply with all labour legislation, as may be applicable.

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 9: CONFIRMATION OF CITY OF CAPE TOWN SUPPLIER DATABASE REGISTRATION

<u>CITY OF CAPE TOWN</u> SUPPLIER DATABASE REGISTRATION		
COMPANY NAME	REGISTERED YES/NO	REGISTRATION NUMBER IF APPLICABLE

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 10: CONSULTANCY SERVICES PROVIDED TO ORGANS OF STATE

The tenderer shall indicate on the schedule below particulars of all consultancy services provided to organs of state by all offices country wide in the last five years. Tenderers shall also indicate, by means of a cross (x) in the last column, which, if any, of the services listed are of a similar nature, to those being tendered for in terms of this tender.

Where the entity tendering is a joint venture, the particulars of services provided to organs of state by each party to the joint venture, must be submitted as part of this schedule (additional pages may be added if necessary).

CONSULTANCY SERVICES PROVIDED TO ORGANS OF STATE				
TITLE OF PROJECT	VALUE CONTRACT	OF EMPLOYER	DATE COMPLETED	SIMILAR SERVICE

SIGNED ON BEHALF OF TENDERER:.....

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 11: SCHEDULE OF WORK EXPERIENCE OF TENDERER

The tenderer is referred to the appropriate clause(s) of the Tender Data and shall indicate on the schedule below all bridgework projects (the analysis and design of new and remedial works) that have been successfully completed in their **local office**, in the past 8 years or that are underway at present. Tenderers should, in particular, draw attention to those projects which have involved footbridges, or work over, adjacent to, or under railway lines.

Where the entity tendering is a joint venture, the track record of each party to the joint venture must be submitted as part of this schedule (additional pages may be added if necessary). The eligibility requirements in respect of track record will, however, be applied to the partner that will undertake the structural design.

TRACK RECORD			
TITLE AND BRIEF DESCRIPTION OF PROJECT	VALUE CONTRACT	OF EMPLOYER (include contact details)	DATE COMPLETED (if applicable)

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 12: KEY PERSONNEL

The tenderer is referred to the appropriate clause(s) of the Tender Data and shall insert in the spaces provided below details of the key personnel required to be in the employment of the tenderer or a specialist consultant/firm, in order for the tenderer to be eligible to submit a tender for this project. The Curriculum Vitae of each individual must be appended to this schedule.

ITEM 1: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES

Lead Quality Assurance Inspector for ELECTRICAL CABLES	NAME: EDUCATION QUALIFICATION NQF LEVEL..... (attached certificate) CV Attached: Yes / No YEARS EXPERIENCE POST-QUALIFICATION..... PROFESSIONAL REGISTRATION NO.: SIGNED COMMITMENT OF UNDERTAKING ATTACHED Yes / No				
LV/MV/HV CABLE INSPECTIONS?	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) LV Inspection, MV Inspection, HV inspection, etc.	Municipality of XYZ	QA inspector, FAT inspector, of 132kV in Johannesburg / PE Factory for Client's substation ABC project etc., etc.	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	5 MV Circuit Breakers	2020
1.					
2.					
3.					
4.					
5.					

ITEM 1: QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES (Continued...)

Lead Quality Assurance Inspector for ELECTRICAL CABLES			NAME:		
LV/MV/HV CABLE INSPECTIONS?	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					

SIGNED ON BEHALF OF TENDERER:

ITEM 2: QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR

Lead Quality Assurance Inspector for HIGH VOLTAGE SWITCHGEAR	NAME:				
	EDUCATION QUALIFICATION				
	NQF LEVEL (attached certificate)		CV Attached: Yes / No		
	YEARS EXPERIENCE POST-QUALIFICATION		PROFESSIONAL REGISTRATION NO.:		
	SIGNED COMMITMENT OF UNDERTAKING ATTACHED Yes / No				
HV OUTDOOR AIS / HV INDOOR GIS SWITCHGEAR INSPECTIONS?	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) 132/66 kV HV AIS, VT/ CT,	Municipality of XYZ	QA inspector, FAT inspector of Circuit Breakers in Germany/ India Factory for Client's substation ABC project etc.	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	2x 66kV HV Outdoor (AIS) Circuit Breakers, etc.	2020
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					

ITEM 2: QUALITY ASSURANCE INSPECTION OF HIGH VOLTAGE SWITCHGEAR (Continued...)

Lead Quality Assurance Inspector for HIGH VOLTAGE SWITCHGEAR			NAME:		
HV OUTDOOR AIS EQUIPMENT/ HV INDOOR GIS SWITCHGEAR INSPECTIONS?	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.)132/66kV HV Indoor GIS etc.	Municipality of XYZ	QA inspector, FAT inspector of GIS (SF6) in Germany/ India Factory for Client's substation ABC project etc.	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	6x 132kV GIS panels (incl. Feeder & Bus coupler), etc.	2020
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					

SIGNED ON BEHALF OF TENDERER:

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR

Lead Quality Assurance Inspector for MEDIUM VOLTAGE SWITCHGEAR	NAME: EDUCATION QUALIFICATION NQF LEVEL..... (attached certificate) CV Attached: Yes / No YEARS EXPERIENCE POST-QUALIFICATION..... PROFESSIONAL REGISTRATION NO.: SIGNED COMMITMENT OF UNDERTAKING ATTACHED Yes / No				
MV INDOOR METAL CLAD AIR INSULATED OR MV GAS INSULATED (GIS) INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) MV Indoor Metal Clad Air Insulated, MV Indoor Gas Insulated etc.	Municipality of XYZ	QA inspector, FAT inspector , of 11kV Indoor Metal Clad Air Insulated gear in Johannesburg / German Factory for Client's substation ABC project etc, etc.	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	4x MV Indoor Metal Clad Air Insulated, 5 MV Indoor Gas Insulated, etc.	2020
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR (Continued...)

Lead Quality Assurance Inspector for MEDIUM VOLTAGE SWITCHGEAR			NAME:		
HV OUTDOOR AIS EQUIPMENT/ HV INDOOR GIS SWITCHGEAR INSPECTIONS?	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) MV Indoor Metal Clad Air Insulated, Gas Insulated etc.	Municipality of XYZ	QA inspector, FAT / SAT inspector of 11kV Indoor GIS switchgear in Germany/ India Factory for Client's substation ABC project etc, etc etc.	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	5 MV Indoor Gas Insulated panels, etc Panels	2020
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					

ITEM 3: QUALITY ASSURANCE INSPECTION OF MEDIUM VOLTAGE SWITCHGEAR (Continued...)

Lead Quality Assurance Inspector for MEDIUM VOLTAGE SWITCHGEAR			NAME:		
HV OUTDOOR AIS EQUIPMENT/ HV INDOOR GIS SWITCHGEAR INSPECTIONS?	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) MV Indoor Metal Clad Air Insulated, Gas Insulated etc.	Municipality of XYZ	QA inspector, FAT / SAT inspector of 11kV Indoor GIS switchgear in Germany/ India Factory for Client's substation ABC project etc,	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	4x MV Indoor Metal Clad Air Insulated, 5 MV Indoor Gas Insulated, etc.	2020
25.					
26.					
27.					
28.					
29.					
30.					
31.					
32.					
33.					

SIGNED ON BEHALF OF TENDERER:

ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT

Lead Quality Assurance Inspector for ANCILLARY EQUIPMENT	NAME:				
	EDUCATION QUALIFICATION				
	NQF LEVEL..... (attached certificate)			CV Attached: Yes / No	
	YEARS EXPERIENCE POST-QUALIFICATION.....			PROFESSIONAL REGISTRATION NO.:	
	SIGNED COMMITMENT OF UNDERTAKING ATTACHED Yes / No				
HV/MV PROTECTION AND CONTROL PANELS/ RTU INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) HV / MV Protection and Control Panels etc.	Municipality of XYZ	QA inspector, FAT inspector, Commissioning of 66kV OH Line/ Cable Feeder protection scheme in Johannesburg / Cape Town Factory for Client's substation ABC project	Lead Quality Inspector, Assistant Inspector for Routine FAT at OEM or Onsite commissioning at S/S ABC	5 MV Protection and Control Panels, 10 Remote Terminal Units, etc.	2020
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT (Continued...)

Lead Quality Assurance Inspector for ANCILLARY EQUIPMENT			NAME:		
HV/MV PROTECTION AND CONTROL PANELS/ RTU INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) HV / MV Protection and Control Panels etc.	Municipality of XYZ	QA inspector, FAT inspector, Commissioning of 66kV OH Line/ Cable Feeder protection scheme in Johannesburg / Cape Town Factory for Client's substation ABC project	Lead Quality Inspector, Assistant Inspector for Routine FAT at OEM or Onsite commissioning at S/S ABC	5 MV Protection and Control Panels, 10 Remote Terminal Units, etc.	2020
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					

ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT (Continued...)

Lead Quality Assurance Inspector for ANCILLARY EQUIPMENT			NAME:		
HV/MV PROTECTION AND CONTROL PANELS/ RTU INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) HV / MV Protection and Control Panels etc.	Municipality of XYZ	QA inspector, FAT inspector, Commissioning of 66kV OH Line/ Cable Feeder protection scheme in Johannesburg / Cape Town Factory for Client's substation ABC project	Lead Quality Inspector, Assistant Inspector for Routine FAT at OEM or Onsite commissioning at S/S ABC	5 MV Protection and Control Panels, 10 Remote Terminal Units, etc.	2020
24.					
25.					
26.					
27.					
28.					
29.					
30.					
31.					
32.					
33.					
33.					
34.					
35.					

ITEM 4: QUALITY ASSURANCE INSPECTION OF ANCILLARY EQUIPMENT (Continued...)

Lead Quality Assurance Inspector for ANCILLARY EQUIPMENT			NAME:		
HV/MV PROTECTION AND CONTROL PANELS/ RTU INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) HV / MV Protection and Control Panels etc.	Municipality of XYZ	QA inspector, FAT inspector, Commissioning of RTU & SCADA panels in Cape Town Factory for Client's substation ABC project	Lead Quality Inspector, Assistant Inspector for Routine FAT at OEM or Onsite commissioning at Substation ABC etc.	1x 132kV Substation RTU & 1x MV RTU Panel, etc.	2020
36.					
37.					
38.					
39.					
40.					
41.					
42.					
43.					
44.					
45.					
46.					
47.					
48.					

SIGNED ON BEHALF OF TENDERER:

ITEM 5: QUALITY ASSURANCE INSPECTION OF DISTRIBUTION TRANSFORMERS

Lead Quality Assurance Inspector for DISTRIBUTION TRANSFORMERS	NAME:				
	EDUCATION QUALIFICATION				
	NQF LEVEL..... (attached certificate)			CV Attached: Yes / No	
	YEARS EXPERIENCE POST-QUALIFICATION.....			PROFESSIONAL REGISTRATION NO.:	
	SIGNED COMMITMENT OF UNDERTAKING ATTACHED Yes / No				
TRANSFORMER CORE, WINDINGS & FINAL ASSEMBLIES (200kVA up to 10MVA) INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) 500 kVA Transformer core and windings assemblies etc.	Municipality of XYZ	QA inspector, FAT inspector of 11/0.4kV TRFR in South Africa Factory for Client's substation ABC project etc,	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	2x (Two) 500kVA Transformer core, windings & assemblies, etc.	2020
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					

ITEM 5: QUALITY ASSURANCE INSPECTION OF DISTRIBUTION TRANSFORMERS (Continued...)

Lead Quality Assurance Inspector for DISTRIBUTION TRANSFORMERS			NAME:		
TRANSFORMER CORE, WINDINGS & FINAL ASSEMBLIES (200kVA up to 10MVA) INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) 500 kVA Transformer core and windings assemblies etc.	Municipality of XYZ	QA inspector, FAT inspector of 11/0.4kV TRFR in South Africa Factory for Client's substation ABC project etc,	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	2x (Two) 500kVA Transformer core, windings & assemblies, etc.	2020
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					

SIGNED ON BEHALF OF TENDERER:

ITEM 6: QUALITY ASSURANCE INSPECTION OF POWER TRANSFORMERS AND REACTORS

Lead Quality Assurance Inspector for POWER TRANSFORMERS AND REACTORS	NAME:				
	EDUCATION QUALIFICATION				
	NQF LEVEL..... (attached certificate)			CV Attached: Yes / No	
	YEARS EXPERIENCE POST-QUALIFICATION.....			PROFESSIONAL REGISTRATION NO.:	
	SIGNED COMMITMENT OF UNDERTAKING ATTACHED Yes / No				
TRANSFORMER CORE, WINDINGS & FINAL ASSEMBLIES ≥10MVA INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED
(e.g.) 10MVA Transformer core and windings assemblies etc.	Municipality of XYZ	QA inspector, FAT inspector of 132/66kV TRFR in South Africa/ India Factory for Client's substation ABC project etc.	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	2x (Two) 10MVA Transformer core, windings & assemblies, etc.	2020
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					

ITEM 6: QUALITY ASSURANCE INSPECTION OF POWER TRANSFORMERS AND REACTORS (Continued...)

Lead Quality Assurance Inspector for POWER TRANSFORMERS AND REACTORS			NAME:			
TRANSFORMER CORE, WINDINGS & FINAL ASSEMBLIES ≥10MVA INSPECTIONS	CONTRACT & CLIENT NAME	NATURE OF WORK	ROLE AND RESPONSIBILITIES	NUMBER OF EQUIPMENT PER INSPECTION	YEAR COMPLETED	SIGNED COMMITMENT OF UNDERTAKING ATTACHED?
(e.g.) 10MVA Transformer core and windings assemblies etc.	Municipality of XYZ	QA inspector, FAT inspector of 132/66kV TRFR in South Africa/ India Factory for Client's substation ABC project etc.	Lead Quality Inspector, Assistant Inspector, Routine or Type test at OEM etc.	2x (Two) 10MVA Transformer core, windings & assemblies, etc.	2020	Yes/No
12						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						
21.						
22.						
23.						
24.						

SIGNED ON BEHALF OF TENDERER:

ITEM 7: DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS

DESIGN REVIEW CONSULTANT for Power Transformers and Reactors	NAME:				
	EDUCATION QUALIFICATION				
	NQF LEVEL <i>(attached certificate)</i>			CV Attached: Yes / No	
	YEARS EXPERIENCE POST-QUALIFICATION			PROFESSIONAL REGISTRATION NO.:	
	SIGNED COMMITMENT OF UNDERTAKING ATTACHED Yes / No				
POWER TRANSFORMER / REACTORS ≥ 10MVA DESIGN REVIEW PROJECTS	CONTRACT & CLIENT NAME	NATURE OF WORK AND PROJECT DETAILS	ROLE AND RESPONSIBILITIES	YEAR COMPLETED	SIGNED COMMITMENT OF UNDERTAKING ATTACHED?
(e.g.) 10 MVA Transformer design review project etc.	Municipality of XYZ	Conducted full design review of 10MVA transformer project, etc.	Lead Design Review Consultant	2020	Yes/No
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.					

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 13: SUPPORT RESOURCES

The tenderer is referred to the appropriate clause(s) of the Tender Data and shall state below what structural analysis software packages are available for use on this project and whether or not they are currently owned/licenced by the tenderer, or are available through other means.

STRUCTURAL ANALYSIS SOFTWARE PACKAGE/S AVAILABLE FOR USE		
NAME OF PACKAGE	DESCRIPTION	CURRENTLY OWNED/ LICENCED OR OTHER
N/A		

SIGNED ON BEHALF OF TENDERER:.....

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 14: PROFESSIONAL INDEMNITY INSURANCE

The tenderer is referred to the appropriate clause(s) of the Tender Data and shall state below details of the professional indemnity insurance held by the tenderer. Where the tenderer is a joint venture, each party to the joint venture must submit details of their professional indemnity insurance. Proof of insurance or confirmation from a reputable Insurance Broker that the tenderer is eligible for the prescribed professional indemnity insurance cover should he/she be awarded the contract, must be appended to this schedule.

PROFESSIONAL INDEMNITY INSURANCE (<u>Refer to cover required in clause C.2.1.4.4</u>)		
NAME OF INSURED	NAME OF INSURER	LIMIT OF INDEMNITY IRO EACH CLAIM

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 15: FUNCTIONALITY CRITERIA

The Tenderer shall provide information for the functionality criteria listed in this Returnable Schedule.

The Tenderer's attention is drawn to the appropriate clause(s) in the Tender Data for a more detailed explanation of the functionality criteria given in the table below and how the score will be calculated (with applicable values).

Description of functionality criteria	Maximum possible score for Quality Assurance Inspection (Items 1 – 6)	Maximum possible score for Design Review (Item 7)
Expertise of key personnel (No. of QA inspection and Design Reviews)	10	10
Experience of key personnel (Years' Experience)	5	5
Maximum possible score for Quality (Ms)	15	15

The minimum score for functionality is **9**. Tenderers that fail to achieve the minimum score for functionality will be declared non-responsive.

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

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 16: PROPOSED WORK PLAN

NOT APPLICABLE.

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 17: CONFIRMATION OF REGISTRATION / ACCREDITATION

Not applicable to this tender.

SANS 9001

Where a QA system has been approved in terms of SANS 9001, state registration certificate number and standard.

Certificate No:

CESA Membership (Consulting Engineers South Africa)

Where a company/firm has been registered with CESA to practise as a firm of consulting engineers and allied professionals

Certificate No:

Subconsultant 1 Certificate No:

Subconsultant 2 Certificate No:

Subconsultant 3 Certificate No:

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 18: OTHER CRITERIA

Not applicable

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 19: PERSONNEL SCHEDULE (OTHER THAN KEY PERSONNEL)

The tenderer shall indicate on the schedule below what human resources, **other than** the key personnel listed in the appropriate clause(s) of the tender conditions, they have at their disposal and intend allocating to this project as and when required. These resources could, for example, include road/pavement engineers (in respect of the NMT component), a tender documentation specialist, cad operators/architectural draft persons/modellers, or experienced construction monitoring staff, amongst others.

ITEM	NAME	TITLE	JOB DESCRIPTION	QUALIFICATIONS
Item 1: Quality Assurance of Electrical Cables				
Item 2 : Quality Assurance of High Voltage Switchgear				
Item 3 : Quality Assurance of Medium Voltage Switchgear				

Item 4 : Quality Assurance of Ancillary Equipment				
Item 5 : Quality Assurance of Distribution Transformers				
Item 6 : Quality Assurance of Power Transformers and Reactors				
Item 7 : Design Review for Power Transformers & Reactors				

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 20: SCHEDULE OF SUB-CONTRACTORS

We notify you that it is our intention to employ the following sub-contractors for work (excluding work covered by provisional sums and contingencies) in this contract.

Acceptance of this tender shall not be construed as approval of all or any of the listed sub-contractors. Should any of the sub-contractors not be approved subsequent to acceptance of the tender, this shall in no way invalidate the contract, and the tendered unit rates for the various items making up the work activities shall remain final and binding.

SUB-CONTRACTORS		
Sub-contractor's name	Work activities to be undertaken by the Sub-contractor	Estimated value of work (Rand)

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

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 21: DEVIATIONS AND QUALIFICATIONS BY TENDERER

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter attached to his tender and reference such letter in this schedule. Any 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 C.3.8 of the Standard Conditions of Tender referenced in the Tender Data regarding the Employer's handling of material deviations and qualifications.

If no deviations or modifications are desired, the schedule hereunder is to be marked NIL and signed by the Tenderer.

PAGE	CLAUSE OR ITEM	DEVIATION OR QUALIFICATION

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

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 22 : RECORD OF ADDENDA TO TENDER DOCUMENTS

We confirm that the following communications received from the Employer 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.

SIGNED ON BEHALF OF TENDERER:

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS. REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

[illegible]

*** State Customs Duty Tariff Reference for each item**

Note:

Note that any Resources not inserted in this schedule shall be deemed to be manufactured / supplied in South Africa for the purposes of Contract Price Adjustment. The BASE DATE referred to in column (B) will be 7 calendar days before tender closing.

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 24: PREFERENCE SCHEDULE

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

1.2 To be completed by the organ of state

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

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

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

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

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

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

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

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).

FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

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

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{min} = 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 for the tender and points claimed are indicated per the table below.

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Gender	5	
Race	5	
Disability	3	
Promotion of Micro and Small Enterprises	7	

DECLARATION WITH REGARD TO COMPANY/FIRM

Contract
Part C5: Returnable Documents
Schedules
Reference No. DP8347C/2023/24

210

C5.2
Returnable

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 contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 25: APPEAL APPLICATION (ANNEXURE B)

OFFICIAL RECEIPT
(Valid only if printed
by official cash
receipting machine)

IRISITI ESESIKWENI
(Isemthethweni kuphela
xa ishicilelwe
ngumatshini wokukhupa
irisiti osesikweni.)

annexure 'B'

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

CONTACT PERSON: CHARLENE CEBEKHULU / MELANIE CLOETE

PHONE NO: 021 400 2503 / 021 400 3788

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

CONTACT PERSON: CHARLENE CEBEKHULU / MELANIE CLOETE

PHONE NO: 021 400 2503 / 021 400 3788

CIVIC CENTRE IZIKO LOLUNGU BURGERSENTRUM
12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 298 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

CITY OF CAPE TOWN
ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 115C/2025/26

TERM TENDER FOR PROVISION OF PROFESSIONAL SERVICES : QUALITY ASSURANCE INSPECTION OF ELECTRICAL CABLES, SWITCHGEAR (HV & MV), ANCILLARY EQUIPMENT, DISTRIBUTION AND POWER TRANSFORMERS, REACTORS AND DESIGN REVIEW OF POWER TRANSFORMERS AND REACTORS.

SCHEDULE 26: INFORMATION TO BE PROVIDED WITH THE TENDER

The following information shall be provided with the Tender:

- a. The Curriculum Vitae of all key personnel (including sub-consultants), should be submitted with the tender submission with Experience Records specifically to Quality Assurance Inspection and/or Design Review Services and must at least consist of the start and end dates (for the last 20 years), the project titles, the relevant duties and responsibilities, and the number of equipment/items inspected.
- b. The Curriculum Vitae of all Additional Personnel (excluding key personnel) listed in Schedule 19, should be submitted with the tender submission.
- c. A company profile of the business detailing the products, services and projects (quality assurance) undertaken.
- d. A copy of a transformer / reactor design review report undertaken in the past 20 years to demonstrate understanding of the Employers Scope of Work

SIGNED ON BEHALF OF TENDERER: