


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

TENDER NO: 235G/2023/24

TENDER DESCRIPTION: SUPPLY, DELIVERY AND/OR INSTALLATION AND/OR COMMISSIONING OF EXPANSIONS TO CCT ETSI TETRA DIGITAL RADIO TRUNKING INFRASTRUCTURE

CONTRACT PERIOD: The contract period shall be from commencement date not prior to 1 July 2025 to be terminated 30 June 2028.

CLOSING DATE: 27 May 2024

CLOSING TIME: 10:00 a.m.

**TENDER BOX: 165
NUMBER**

TENDER FEE

R 200 Non – refundable tender fee payable to the City of Cape Town (CCT) for a hard copy of the tender document. This fee is not applicable to website downloads of the tender document.

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

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

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

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THE TENDER

T.1 GENERAL TENDER INFORMATION

TENDER ADVERTISED	:	26 April 2024
SITE VISIT/CLARIFICATION MEETING	:	Monday, 13 May 2024 at 10:00 a.m. (Not compulsory, but strongly recommended)
VENUE FOR SITE VISIT/CLARIFICATION MEETING	:	Skype For Business
	:	HTTPS://MEET.CAPETOWN.GOV.ZA/KEIKENAMETSI.NABA/7S7S743T
TENDER BOX & ADDRESS	:	<p>Tender Box as per front cover at the Tender & Quotation Boxes Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.</p> <p>The Tender Document (which includes the Form of Offer and Acceptance) completed and signed in all respects, plus any additional supporting documents required, must be submitted in a sealed envelope with the name and address of the tenderer, the endorsement “TENDER NO. 235G/2023/24 – SUPPLY, DELIVERY AND/OR INSTALLATION AND/OR COMMISSIONING OF EXPANSIONS TO CCT ETSI TETRA DIGITAL RADIO TRUNKING INFRASTRUCTURE, the tender box number. and the closing date indicated on the envelope. The sealed envelope must be inserted into the appropriate official tender box before closing time. If the tender offer is too large to fit into the abovementioned box or the box is full, please enquire at the public counter (Tender Distribution Office) for alternative instructions. It remains the tenderer’s responsibility to ensure that the tender is placed in either the original box or as alternatively instructed.</p>
CCT TENDER REPRESENTATIVE	:	Email: Tender.DP7510G@capetown.gov.za

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”

T.2 CONDITIONS OF TENDER

2.1 General

2.1.1 Actions

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

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

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

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

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

2.1.2 Interpretation

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

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

2.1.3 Communication during tender process

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

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

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

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

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

2.1.5 Procurement procedures

2.1.5.1 General

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

The CCT intends to appoint two tenderers (the highest ranked tenderer ("the winner") and in addition a "alternative tenderer") for the allocation of work. If insufficient responsive bids are received, the CCT reserves the right to appoint fewer tenderers, or not to appoint any tenderers at all.

Suppliers, once appointed and subject to operational requirements, will be invited to deliver the goods or services on a "winner-takes-all" basis, whereby the order will always be offered and, if accepted, allocated to the highest ranked tenderer ("the winner"), and only if he refuses will the work be offered to the next highest ranked tenderer from the alternative tenderers).

The contract period shall be from commencement date not prior to 1 July 2025 to be terminated 30 June 2028.

2.1.5.2 Proposal procedure using the two stage-system

A two-stage system will not be followed.

2.1.5.3 Nomination of Standby Bidder

"Standby Bidder" means a bidder, identified by the CCT at the time of awarding a bid that will be considered for award should the contract be terminated for any reason whatsoever. In the event that a contract is terminated during the execution thereof, the CCT may consider the award of the contract, or non-award, to the Standby Bidder in terms of the procedures included its SCM Policy, as amended from time to time.

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

2.1.6.1 Disputes, objections, complaints and queries

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

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

2.1.6.2 Appeals

- a) In terms of Section 62 of the Local Government: Municipal Systems Act, 32 of 2000 a person whose rights are affected by a decision taken by the CCT, may appeal against that decision by giving written notice of the appeal and reasons to the City Manager within 21 days of the date of the notification of the decision.
- b) An appeal must contain the following:
 - i. Must be in writing
 - ii. It must set out the reasons for the appeal
 - iii. It must state in which way the Appellant's rights were affected by the decision;
 - iv. It must state the remedy sought; and
 - v. It must be accompanied with a copy of the notification advising the person of the decision
- c) The relevant CCT appeal authority must consider the appeal and **may confirm, vary or revoke** the decision that has been appealed, but no such revocation of a decision may detract from any rights that may have accrued as a result of the decision.

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

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

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

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

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

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

The CCT, its employees, representatives and sub-contractors may, from time to time, Process the tenderer's and/or its employees', representatives' and/or sub-contractors' Personal Information, for purposes of, and/or relating to, the tender, the contract and these Conditions of Tender, for research purposes, and/or as otherwise may be envisaged in the CCT's Privacy Notice and/or in relation to the CCT's Supply Chain Management Policy or as may be otherwise permitted by law. This includes the Processing of the latter Personal Information by the CCT's due diligence assurance provider, professional advisors and the Appeal Authority as applicable. The CCT's justification for the processing of such aforesaid Personal Information is based on section 11(1)(b) of POPIA, i.e., in terms of which the CCT's Processing of the said Personal Information is necessary to carry out actions for the conclusion and/or performance of the contract, to which the applicable data subject (envisaged in this clause 2.1.6.6 above) is a party.

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

2.1.6.7 Compliance to the CCTs Appeals Policy.

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

related appeals.

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

The current surcharge for vexatious and frivolous or otherwise manifestly inappropriate tender related appeals will be calculated as $\frac{1}{2}$ (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 CCT, the fee or surcharge may be recovered in terms of the CCT's Credit Control and Debt Collection By-law, 2006 (as amended) and its Credit Control and Debt Collection Policy.

2.1.7 CCT Supplier Database Registration

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

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

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

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

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

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

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

2.2 Tenderer's obligations

2.2.1 Eligibility Criteria

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

2.2.1.1.1 Submit a tender offer

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

2.2.1.1.2 Compliance with requirements of CCT SCM Policy and procedures

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

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

2.2.1.1.3 Mandatory Requirements

Tenderers must comply with the Mandatory requirements indicated below. Non-compliance to the mandatory requirements will render the tender non-responsive. The below required documents must be submitted at close of tender. **Failure to provide the documents at the closing of the tender will deem the Tenderer non-responsive:**

A. ICASA Type Approval certification for TETRA

The Tenderer must supply valid ICASA Type Approval certification for TETRA Base Transceiver and Microwave Radio equipment. Please provide evidence in Schedule F.13

B. OEM (Manufacturer or Distributor) and provide a valid letter indicating authorisation

Tenderers and/or it's sub-contractors must be authorised by the OEM (Manufacturer or Distributor) and provide a valid letter indicating authorisation to provide and support the following equipment:

- TETRA Base Transceiver, Mobile Switching Office and Dispatching Consoles (Motorola or equivalent)
- Microwave Radio equipment (Ceragon or equivalent)
- Voice logging equipment (Datavoice or equivalent)
- Subscriber Tracking system (Safe Mobile or equivalent)

- a) Should the tenderer be accredited by an OEM, proof of accreditation from the OEM **MUST** be submitted with the tender document, please append evidence in Schedule F.13.
- b) Should the tenderer be accredited by an Accredited Distributor, the following document **MUST** be submitted with the tender, please append evidence in Schedule F.13.
 - Proof of the Distributor's OEM accreditation by the OEM **MUST** be submitted with the tender document, and
 - Proof of of accreditation / authorisation of the Tenderer by the Distributor **MUST** be submitted with the tender document.

NOTE: a confirmation letter from the OEM or authorised Distributor must be provided in Schedule F.13 on a letterhead by the OEM, showing the name of the bidder and sub-contractor confirming authorisation and support, manage any warranty processes and escalations, as and when required.

Offered equipment must be fully compatible and interoperable with existing infrastructure (hardware and software)

Where offered equipment are for equivalent OEM, the bidder must provide evidence such as a confirmation letter that the equivalent OEM is fully compatible and interoperable with the existing equipment (hardware and software). As per specification clause 5.15.

In the event where the Tenderer utilises sub-contractors for specific authorised support services then **sub-contracting agreements or confirmation letter is to be provided and attached to Schedule F.13**. Permission and agreement between the Tenderer and the sub-contractor indicating the relevant authorised support service is required.

- C. **Letter from the City Radio Trunking existing OEM (Motorola)** Please provide a letter from the City Radio Trunking existing OEM (Motorola) that the offered Switching, Firewall and Server equipment is approved for use in the City Radio Trunking network. **Please provide evidence in Schedule F.13**

2.2.1.1.4 Minimum score for functionality

Not applicable.

2.2.1.1.5 Provision of samples

Only those tenders submitted by tenderers who provided acceptable samples as stated in the Tender Specifications will be declared responsive.

2.2.2 Cost of tendering

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

2.2.3 Check documents

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

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

2.2.4 Confidentiality and copyright of documents

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

2.2.5 Reference documents

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

2.2.6 Acknowledge and comply with notices

The tenderer shall acknowledge receipt of notices to the tender documents, which the CCT may issue, and shall fully comply with all instructions issued in the said notices, and if necessary, apply for an extension of the closing time stated on the front page of the tender document, in order to take the notices into account. Notwithstanding any requests for confirmation of receipt of the said notices issued, the tenderer shall be deemed to have received such notices if the CCT can show proof of transmission thereof via electronic mail, facsimile, or registered post or other lawful means.

2.2.7 Clarification meeting

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

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

2.2.8 Seek clarification

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

2.2.9 Pricing the tender offer

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

2.2.10 Alterations to documents

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

2.2.11 Alternative tender offers

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

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

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

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

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

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

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

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

2.2.12 Submitting a tender offer

2.2.12.1 The tenderer is required to submit one tender offer only on the original tender documents as issued by the CCT, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the Conditions of Contract and described in the Specifications. Only those tenders submitted on the tender documents as issued by the CCT together with all Tender Returnable Documents duly completed and signed will be declared responsive.

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

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

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

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

2.2.12.6 The CCT shall not assume any responsibility for the misplacement or premature opening of the tender

offer if the outer package is not sealed and marked as stated.

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

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

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

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

2.2.13 Information and data to be completed in all respects

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

2.2.14 Closing time

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

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

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

2.2.15 Tender offer validity and withdrawal of tenders

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

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

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

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

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

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

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

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

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

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

2.2.17 Provide other material

2.2.17.1 Tenderer's shall promptly provide, upon request by the CCT, any other material that has a bearing on the tender offer, the tenderer's commercial position (including joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the CCT for the purpose of the evaluation of the tender. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the CCT's request, the CCT may regard the tender offer as non-responsive.

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

- a) audited annual financial statement for the past 3 years, or for the period since establishment if established during the past 3 years, if required by law to prepare annual financial statements for auditing;
- b) a certificate signed by the tenderer certifying that the tenderer has no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days;
- c) particulars of any contracts awarded to the tenderer by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract;
- d) a statement indicating whether any portion of the goods or services are expected to be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality or municipal entity is expected to be transferred out of the Republic.

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

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

2.2.18 Samples, Inspections, tests and analysis

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

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

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

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

2.2.19 Certificates

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

2.2.19.1. Preference Points for Specific Goals

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

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

2.2.19.2 Evidence of tax compliance

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

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

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

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

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

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

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

2.2.21 Claims arising from submission of tender

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

- a) Inspected the Specifications and read and fully understood the Conditions of Contract.
- b) Read and fully understood the whole text of the Specifications and Price Schedule and thoroughly acquainted himself with the nature of the goods or services proposed and generally of all matters which may influence the Contract.
- c) visited the site(s) where delivery of the proposed goods will take place, carefully examined existing conditions, the means of access to the site(s), the conditions under which the delivery is to be made, and acquainted himself with any limitations or restrictions that may be imposed by the Municipal or other Authorities in regard to access and transport of materials, plant and equipment to and from the site(s) and made the necessary provisions for any additional costs involved thereby.

- d) requested the CCT to clarify the actual requirements of anything in the Specifications and Price Schedule, the exact meaning or interpretation of which is not clearly intelligible to the Tenderer.
- e) Received any notices to the tender documents which have been issued in accordance with the CCT's Supply Chain Management Policy.

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

2.3 The CCT's undertakings

2.3.1 Respond to requests from the tenderer

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

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

2.3.2 Issue Notices

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

Notwithstanding any requests for confirmation of receipt of notices issued, the tenderer shall be deemed to have received such notices if the CCT can show proof of transmission thereof via electronic mail, facsimile or registered post.

2.3.3 Opening of tender submissions

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

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

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

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

2.3.4 two-envelope system

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

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

2.3.5 Non-disclosure

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

2.3.6 Grounds for rejection and disqualification

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

2.3.7 Test for responsiveness

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

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

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

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

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

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

2.3.8 Arithmetical errors, omissions and discrepancies

2.3.8.1 Check the responsive tenders for:

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

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

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

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

2.3.8.3 In the event of tendered rates or lump sums being declared by the CCT to be unacceptable to it because they are not priced, either excessively low or high, or not in proper balance with other rates or lump sums, the tenderer may be required to produce evidence and advance arguments in support of the tendered rates or lump sums objected to. If, after submission of such evidence and any further evidence requested, the CCT is still not satisfied with the tendered rates or lump sums objected to, it may request the tenderer to amend these rates and lump sums along the lines indicated by it.

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

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

2.3.9 Clarification of a tender offer

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

2.3.10 Evaluation of tender offers

2.3.10.1 General

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

2.3.10.1.2 For evaluation purposes only, the effects of the relevant contract price adjustment methods will be considered in the determination of comparative prices as follows:

- a) If the selected method is based on bidders supplying rates or percentages for outer years, comparative prices would be determined over the entire contract period based on such rates or percentages.
- b) If the selected method is based on a formula, indices, coefficients, etc. that is the same for all bidders during the contract period, comparative prices would be the prices as tendered for year one.
- c) If the selected method is based on a formula, indices, coefficients, etc. that varies between bidders, comparative prices would be determined over the entire contract period based on published indices relevant during the 12 months prior to the closing date of tenders.
- d) If the selected method includes an imported content requiring rate of exchange variation, comparative prices would be determined based on the exchange rates tendered for the prices as tendered for year one. The rand equivalent of the applicable currency 14 days prior to the closing date of tender will be used (the CCT will check all quoted rates against those supplied by its own bank).
- e) If the selected method is based on suppliers' price lists, comparative prices would be the prices as tendered for year one.
- f) If the selected method is based on suppliers' price lists and / or rate of exchange, comparative prices would be determined as tendered for year one whilst taking into account the tendered percentage subject to rate of exchange (see sub clause (d) for details on the calculation of the rate of exchange).

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

2.3.10.2 Decimal places

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

2.3.10.3 Scoring of tenders (price and preference)

[2.3.10.3.1 Points for price will be allocated in accordance with the formula set out in this clause based on the price per item / rates as set out in the **Price Schedule (Section 7)**:

- Based on the sum of the prices/rates in relation to a typical project/job.]

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

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

2.3.10.3.4 Applicable formula:

Either the 80/20 or 90/10 preference point system will apply to this tender and the lowest acceptable tender will be used to determine the applicable preferences

The 80/20 price/preference points system will be applied to the evaluation of responsive tenders up to and including a Rand value of R50'000'000 (all applicable taxes included), whereby the order(s) will be placed with the tenderer(s) scoring the highest total number of adjudication points. Price shall be scored as follows:

$$Ps = 80 \times \left(1 - \frac{(Pt - Pmin)}{Pmin}\right)$$

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

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

Table 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	<ul style="list-style-type: none"> • Company Registration Certification • Central Supplier Database report 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • B-BBEE certificate; • Company Registration Certification • Central Supplier Database report 	<ul style="list-style-type: none"> • 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	<p>Disability are disabled persons (ownership)*</p> <p>WHO disability guideline >2% ownership: 3 points >0% - 2% ownership: 1.5 point 0% ownership = 0 points</p>	3	<ul style="list-style-type: none"> • Proof of disability • Company Registration Certification 	<ul style="list-style-type: none"> • Medical certificate/ South African Revenue Services disability registration • Issued by the Companies and Intellectual Property Commission
<i>Reconstruction and Development Programme (RDP) as published in Government Gazette</i>				
4	<p>Promotion of Micro and Small Enterprises</p> <p>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)</p> <p>SME partnership, sub-contracting, joint venture or consortiums</p>	7	<ul style="list-style-type: none"> • B-BBEE status level of contributor; • South African owned enterprises; • Financial Statement to determine annual turnover 	<ul style="list-style-type: none"> • Specifically in line with the respective sector codes which the company operates, • South African National Accreditation System approved certificate or commissioned sworn affidavit • Certificate of incorporation or commissioned sworn affidavit • Latest financial statements (1 Year)
	Total points	20		

*Ownership: main tendering entity

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

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

Where: P_s is the number of points scored for price;
 P_t is the price of the tender under consideration;
 P_{min} is the price of the lowest responsive tender.

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

Table B2: Awards above R50 mil (VAT Inclusive)

#	Specific goals allocated points	Preference Points (90/10) <i>Above R50 mil</i>	Evidence	Additional Guidance
<i>Persons, or categories of persons, historically disadvantaged- (HDI) by unfair discrimination on the basis of</i>				
1	<p>Gender are women (ownership)*</p> <p>>75% - 100% women ownership: 3 points >50% - 75% women ownership: 2 points >25% - 50% women ownership: 1 point >0% - 25% women ownership: 0.5 point 0% women ownership = 0 points</p>	3	<ul style="list-style-type: none"> • Company Registration Certification • Central Supplier Database report 	<ul style="list-style-type: none"> • Issued by the Companies and Intellectual Property Commission • Report name: CSD Registration report

2	Race are black persons (ownership)* >75% - 100% black ownership: 3 points >50% - 75% black ownership: 2 points >25% - 50% black ownership: 1 point >0% - 25% black ownership: 0.5 point 0% black ownership = 0 points	3	• B-BBEE certificate;	• South African National Accreditation System approved certificate or commissioned sworn affidavit
			• Company Registration Certification	• Issued by the Companies and Intellectual Property Commission
			• Central Supplier Database report	• Report name: CSD Registration report
3	Disability are disabled persons (ownership)* WHO disability guideline >2% ownership: 1 points >0% - 2% ownership: 0.5 point 0% ownership = 0 point	1	• Proof of disability	• Medical certificate/ South African Revenue Services disability registration
			• Company Registration Certification	• 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>	3	• B-BBEE status level of contributor;	• Specifically in line with the respective sector codes which the company operates,
			• South African owned enterprises;	• South African National Accreditation System approved certificate or commissioned sworn affidavit
			• Financial Statement to determine annual turnover	• Certificate of incorporation or commissioned sworn affidavit • Latest financial statements (1 Year)
Total points		10		

**Ownership: main tendering entity*

2.3.10.5 Risk Analysis

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

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

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

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

2.3.11 Negotiations with preferred tenderers

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

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

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

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

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

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

2.3.12 Acceptance of tender offer

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

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

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

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

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

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

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

- a) reports of poor governance or unethical behaviour, or both;
- b) association with known notorious individuals and family of notorious individuals;
- c) poor performance issues, known to the CCT;

- d) negative media reports, including negative social media reports;
- e) adverse assurance (e.g. due diligence) report outcomes; and
- f) circumstances where the relevant vendor has employed, or is directed by, anyone who was previously employed in the service of the state (as defined in clause 1.53 of the SCM Policy), where the person is or was negatively implicated in any SCM irregularity.

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

2.3.13 Prepare contract documents

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

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

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

2.3.14 Notice to successful and unsuccessful tenderers

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

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

2.3.15 Provide written reasons for actions taken

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

TENDER DOCUMENT GOODS AND SERVICES		 CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD
SUPPLY CHAIN MANAGEMENT		
SCM - 542	Approved by Branch Manager: February 2024	Version: 10 Page 23 of 130

TENDER NO: 235G/2023/24

TENDER DESCRIPTION: SUPPLY, DELIVERY AND/OR INSTALLATION AND/OR COMMISSIONING OF EXPANSIONS TO CCT ETSI TETRA DIGITAL RADIO TRUNKING INFRASTRUCTURE

CONTRACT PERIOD: The contract period shall be from commencement date not prior to 1 July 2025 to be terminated 30 June 2028.

THE CONTRACT

THE CITY OF CAPE TOWN

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

AUTHORISED REPRESENTATIVE

AND

SUPPLIER

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

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

NATURE OF TENDER OFFER (please indicate below)

Main Offer (see clause 2.2.11.1)	
Alternative Offer (see clause 2.2.11.1)	

C.1 DETAILS OF TENDERER/SUPPLIER

1.1 Type of Entity (Please tick one box)

- Individual / Sole Proprietor
 Close Corporation
 Company
 Partnership or Joint Venture or Consortium
 Trust
 Other:

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

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

C.2 FORM OF OFFER AND ACCEPTANCE

TENDER NO – 235G/2023/24 TENDER DESCRIPTION – SUPPLY, DELIVERY AND/OR INSTALLATION AND/OR COMMISSIONING OF EXPANSIONS TO CCT ETSI TETRA DIGITAL RADIO TRUNKING INFRASTRUCTURE

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

The tenderer, identified in the offer signature table below,

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

1. confirms that it has examined the documents listed in the Index (including Schedules and Annexures) and has accepted all the Conditions of Tender;
2. confirms that it has received and incorporated any and all notices issued to tenderers issued by the CCT;
3. confirms that it has satisfied itself as to the correctness and validity of the tender offer; that the price(s) and rate(s) offered cover all the goods and/or services specified in the tender documents; that the price(s) and rate(s) cover all its obligations and accepts that any mistakes regarding price(s), rate(s) and calculations will be at its own risk;
4. offers to supply all or any of the goods and/or render all or any of the services described in the tender document to the CCT in accordance with the:
 - 4.1 terms and conditions stipulated in this tender document;
 - 4.2 specifications stipulated in this tender document; and
 - 4.3 at the prices as set out in the **Price Schedule**.
5. accepts full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on it in terms of the Contract.

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

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

Witness 1 Signature
Name and Surname:

Witness 2 Signature
Name and Surname:

INITIALS OF CCT OFFICIALS		
1	2	3

FORM OF OFFER AND ACCEPTANCE (continued)

TENDER NO – 235G/2023/24
TENDER DESCRIPTION – SUPPLY, DELIVERY AND/OR INSTALLATION
AND/OR COMMISSIONING OF EXPANSIONS TO CCT ETSI TETRA
DIGITAL RADIO TRUNKING INFRASTRUCTURE

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

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

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

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

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

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

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

 Witness 1 Signature
 Name and Surname:

 Witness 2 Signature
 Name and Surname:

FORM OF OFFER AND ACCEPTANCE (continued)

**TENDER NO – 235G/2023/24
TENDER DESCRIPTION – SUPPLY, DELIVERY AND/OR INSTALLATION
AND/OR COMMISSIONING OF EXPANSIONS TO CCT ETSI TETRA
DIGITAL RADIO TRUNKING INFRASTRUCTURE**

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

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

The..... (Day)

Of..... (Month)

20..... (year)

At..... (Place)

For the Supplier: Signature(s)

Name(s)

Capacity

Signature and name of witness:

Signature Name

ONLY TO BE COMPLETED AT ACCEPTANCE STAGE

C.3 OCCUPATIONAL HEALTH AND SAFETY AGREEMENT

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

..... ,
(Supplier/Mandatory/Company/CC Name)

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

I,, representing

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

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

COID ACT Registration Number:

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

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

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

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

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

Signed at on the day of 20....

Witness

Mandatory

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

Witness

for and on behalf of
CCT

C.4 PRICE SCHEDULE

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

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

Pricing Instructions:

- 4.1 State the rates and prices in Rand unless instructed otherwise in the tender conditions.
- 4.2 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the General Tender Information.
- 4.3 All prices tendered must include all expenses, disbursements and costs (e.g. transport, accommodation etc.) that may be required for the execution of the tenderer's obligations in terms of the Contract, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the Contract as well as overhead charges and profit (in the event that the tender is successful). All prices tendered will be final and binding.
- 4.4 All prices shall be tendered in accordance with the units specified in this schedule.
- 4.5 Where a value is given in the Quantity column, a Rate and Price (the product of the Quantity and Rate) is required to be inserted in the relevant columns.
- 4.6 The successful tenderer is required to perform all tasks listed against each item. The tenderer must therefore tender prices/rates on all items as per the section in the Price Schedule. **An item against which no rate is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash or the word "included" or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item. The Tenderer may be requested to clarify nil rates, or items regarded as having nil rates; and the Employer may also perform a risk analysis with regard to the reasonableness of such rates.**
- 4.7 For the items listed below, first year rates will be fixed. Rates for year 2 and year 3 will be subject to Contract Price Adjustments (CPA) as specified in clause 17 of the Special Conditions of contract and Schedule F.1 of this tender document.
 - **Table A.2: Installation of Radio Equipment and ancillaries**
 - **Table B.2: Installation of Tetra Equipment and ancillaries – Standard installation**
 - **Table B.3: Installation of Tetra Equipment and ancillaries – NON - Standard installation**
 - **Table C.2: Civils**
 - **Table E.1: Labour Rates**
- 4.8 Provide the mark-up percentage for the Tables listed below, that the tenderer will charge in addition to the OEM's (Original Equipment Manufacturer) prices:

Offered mark-up percentage (%) shall be fixed for the duration of the tender contract period. .

The mark-up % must cover all costs in addition to the OEM price to deliver the goods to the City of Cape Town. (Please provide mark-up percentages per schedule)

- **Table A.1: Supply of Radio Equipment and Ancillaries**
- **Table A.3: Supply of Networking Equipment and Ancillaries**
- **Table B.1: Supply of TETRA Equipment and Ancillaries**
- **Table C.1: Electrical and Mechanical Works**

- **Table D.1: Ad hoc Materials/Parts Required for Emergency Repairs**

Firm prices will not be considered for these Schedules and the tenderer will be declared non-responsive. Offered mark-ups shall be fixed for the duration of the tender contract period. Please provide a mark-up percentage (%) for these Schedules that the tenderer will charge in addition to the OEM's (Original Equipment Manufacturer) prices. The mark-up % must cover all costs in addition to the OEM price to deliver the goods to the City of Cape Town. (Please provide mark-up percentages per schedule)

Mark-up value – the amount that you add to the OEM (Original Equipment Manufacturer) price in Rands. That is, final price minus Mark-up Price. This may be expressed as a percentage using the following formula:

$$\text{Mark up \%} = (\text{Mark-up value} \div \text{OEM Price}) \times 100$$

Final Price – this is the price that you invoice your customers, i.e. the City. That is, OEM Price in Rands plus Mark-up value (excluding VAT).

$$\text{Final Price} = \text{OEM Price} + \text{Mark-up value}$$

- 4.9 The Tenderer **MUST furnish with the tender document** a complete and comprehensive OEM (Original Equipment Manufacturer)/Distributor Pricelists which shall include all relevant spares, accessories and optional items, in this tender submission for the schedules where mark-up pricing is required. (Schedule A1, A3, B1, C1 and D1). Insert these pricelists under **Schedule F.13: List of other documents attached by tenderer.**
- 4.10 The price list **MUST** be in the OEM/Distributor letterhead. The CCT reserves the right to approach the Original Equipment Manufacturers or Distributor directly for Price Lists, to ensure fair, equitable, transparent, competitive and cost-effective evaluation of the Bid. Please provide contact details of the OEM/ Distributor in Schedule F.13 to enable the City to verify authenticity of the price lists submitted
- 4.11 Tenderers shall include in the cost of training any travel costs associated with travelling to Cape Town (if not local) for the vendors Trainers. No explicit travel costs will be paid.
- 4.12 The licencing costs shall be once off and shall be included in the tender pricing where relevant.
- 4.13 Tenderers shall provide all available optional items including radio cards in the OEM/Distributor price list.
- 4.14 The minimum licenced capacity for each radio modem card shall be 10 Mbps and shall be included in the tender item price. The pricing for optional licences to increase the capacity shall be provided in OEM/Distributor price list.
- 4.15 Provide the equipment and licence cost per bandwidth range to allow the City to order expansions in the OEM/ Distributor price list.
- 4.16 Tenderers **MUST** provide a detailed OEM/Distributor Price list for items listed in the Pricing Schedule and other available items in Schedule F.13 with the tender submission. Tenderers shall complete the column in the below Pricing Schedule "Item/code or page number in the OEM/DISTRIBUTOR Price list" and cross-reference the OEM/Distributor priced items in the Tender pricing schedule with the OEM/Distributor price list. Failure to provide the Price lists with the tender submission will render the tender non-responsive. Should the requested item no longer be available, equivalents must be priced.
- 4.17 All equivalent products tendered must be able to integrate into the existing environment seamlessly and with no disruption to the working environment with no additional integration costs for the City of Cape Town apart from the integration costs provided for in the price schedule. All ambiguity must be explained as part of the equivalent product information that must be provided with your tender submission. Fully explain equivalent solutions. State all assumptions upfront and note that any unconfirmed assumptions that are deemed by the City as being not fit for purpose or infringing the City of Cape Town's interests may render the equivalent solution as non-responsive." Please provide information on equivalent solutions in **Schedule F.13G.**

INITIALS OF CCT OFFICIALS		
1	2	3

SCHEDULE A. SUPPLY OF RADIO EQUIPMENT AND ANCILLARIES

This schedule is for the supply of Radio Equipment and ancillary equipment

Table A.1: Supply of Radio Equipment and Ancillaries			
<p>The award for this schedule will be for the mark-up percentage on the supply of all equipment, the items in the table below are for comparative pricing purposes only. The City currently utilises Ceragon radios with a Netmaster Management System and to ensure the usability of the existing systems, radios must be equivalent to the existing ones and compatible with the Network management system.</p> <p>Tenderers must identify the Original Equipment Manufacturer (OEM)/Distributor that will be used in the Tenderer’s solution by completing for each item in the column “OEM/Distributor Offered”, and which the Tenderer proposes in the submitted tender response.</p>			
<p>Please indicate here the partner status for OEM provider(s)/ Distributor (s) offered in your response:</p>			
<p>OEM (s)/ Distributor (s) Offered</p>		<p>Partner Status</p>	
Item	Description	OEM/Distributor Offered	Mark-Up %
A1.	Radio Outdoor equipment (Ceragon or equivalent)		%
A2.	Radio Aggregation indoor equipment (Ceragon or equivalent)		%
A3.	Antenna (Ceragon or equivalent)		%
A4.	Microwave Network management system (supply, or upgrade) (Ceragon or equivalent)		%

PRICING WILL BE USED FOR EVALUATION PURPOSES ACCORDING TO A TYPICAL PROJECT

Item	Description	Unit	(OEM/Distributor Unit Price) Excluding Mark-Up and VAT	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
8 GHz radio outdoor equipment					
A5.	<u>Redundant</u> outdoor radio unit (licenced single chassis1+0)	Each	R	A1	

Item	Description	Unit	(OEM/Distributor Unit Price) Excluding Mark-Up and VAT	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
A6.	Licence cost to upgrade the redundant outdoor radio units to single chassis 1+1	Each	R		
A7.	<u>Standard</u> outdoor radio unit (Hardware for 1+0 only)	Each	R		
<u>23 GHz radio outdoor equipment</u>					
A8.	<u>Redundant</u> outdoor radio unit (licenced single chassis1+0)	Each	R	A1	
A9.	Licence cost to upgrade the redundant outdoor radio units to single chassis 1+1	Each	R		
A10.	<u>Standard</u> outdoor radio unit (Hardware for 1+0 only)	Each	R		
<u>Radio aggregation indoor equipment</u>					
A11.	<u>Redundant</u> Indoor radio aggregation node (10 slots)	Each	R	A2	
A12.	<u>Standard</u> Indoor radio aggregation node (5 slots)	Each	R		
A13.	Radio modem card	Each	R		
A14.	Ethernet card	Each	R		
<u>8 GHz antenna equipment</u>					
A15.	Complete dish 2 ft. (0.6m)	Each	R	A3	
A16.	Complete dish 3ft (0.9m)	Each	R		
A17.	Complete dish 4ft (1,2 m)	Each	R		
<u>23 GHz antenna equipment</u>					
A18.	Complete dish 1 ft. (0,3 m)	Each	R	A3	
A19.	Complete dish 2 ft. (0.6m)	Each	R		
A20.	Complete dish 3ft (0.9m)	Each	R		
<u>Microwave Network Management System</u>					
A21.	Network Management system for upto 50 complete links	Each	R	A4	

Table A.2: Installation of Radio Equipment and ancillaries

The award for this schedule will be for the installation of Radio Equipment and ancillaries and includes all costs. The City will pay no overtime or standby rates.

A Standard installation means installation within the City of Cape Town Metropolitan area AND at a building or High Site that does not require 4x4 access or hand-transporting equipment more than 200m.

A Non-Standard installation means installation either within the City of Cape Town Metropolitan area or within 100km of the City boundary AND at a building or High Site that requires 4x4 access or hand-transporting equipment more than 200m

Item	Description	Unit	Year 1 (Excl VAT)
A2.1	8GHz and 23 GHz Radio Outdoor equipment (standard installation)	Sum of a single installation per site	R
A2.2	8GHz and 23 GHz Radio Outdoor equipment (non-standard installation)	Sum of a single installation per site	R
A2.3	Complete radio outdoor unit cabling, earthing, suppression and accessories (standard installation)	Sum of a single installation per site	R
A2.4	Complete radio outdoor unit cabling, earthing, suppression and accessories (non-standard installation)	Sum of a single installation per site	R
A2.5	Radio Aggregation indoor equipment (standard installation)	Sum of a single installation per site	R
A2.6	Radio Aggregation indoor equipment (non-Standard installation)	Sum of a single installation per site	R
A2.7	Complete radio indoor unit cabling, earthing, suppression and accessories (standard installation)	Sum of a single installation per site	R
A2.8	Complete radio indoor unit cabling, earthing, suppression and accessories (non-standard installation)	Sum of a single installation per site	R
A2.9	Antennae (1-4ft for 8Ghz and 23GHz (standard installation)	Sum of a single installation per site	R
A2.10	Antennae (1-4ft for 8Ghz and 23GHz (non-standard installation)	Sum of a single installation per site	R

A2.11	Microwave Network management system (install, upgrade)	Sum of a single installation per site	R
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Table A.3: Supply of Networking Equipment and Ancillaries

The award for this schedule will be for the mark-up percentage on the supply of all equipment, the items in the table below are for comparative pricing purposes only.

Tenderers must identify the **Original Equipment Manufacturer (OEM)/Distributor** that will be used in the Tenderer's solution by completing for each item in the column "OEM Offered/ Distributor", and which the Tenderer proposes in the submitted tender response.

Please indicate here the partner status for OEM/ Distributor provider(s) offered in your response:

OEM(s)/ Distributor (s) Offered Partner Status		-	
Item	Description	OEM/Distributor Offered	Mark-Up %
A3.1	Switching Equipment (Aruba or equivalent/ Must be interoperable)		%
A3.2	Firewall Equipment (Fortinet or equivalent/ Must be interoperable)		%
A3.3	19 inch rack (Must be interoperable)		%
A3.4	Rack mounted server (HPE DL360 G10 or equivalent)		%
A3.5	SMF to LAN/E1 interface (Must be interoperable)		%
A3.6	MMF to LAN/E1 interface (Must be interoperable)		%
A3.7	KVM (Controller, LCD screen and keyboard, extender) (Must be interoperable)		%
A3.8	Windows or equivalent Server Software license		%
A3.9	Windows or equivalent OS and license		%
A3.10	Ethernet to E1 converter		%

PRICING WILL BE USED FOR EVALUATION PURPOSES ACCORDING TO A BASKET OF QUANTITIES

Item	Description	Unit	OEM/Distributor Unit Price in Rands Excluding VAT and Mark-up	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
Networking Equipment					
A3.11	Rack mount server (Refer to A3.4 mark-up)	Each	R	A3.4	
A3.12	Windows or equivalent server software with licence 2016 or higher licence (Refer to A3.8 mark-up)	Each	R	A3.8	
A3.13	Windows 10 or equivalent operating software and licence	Each	R	A3.9	
A3.14	Single mode fibre optic to 4 x E1/ 100M LAN interface (one side)	Each	R	A3.5	
A3.15	Single mode fibre optic to 8 x E1/ 100M LAN interface (one side)	Each	R		
A3.16	Single mode fibre optic to 16 x E1/ 100M LAN interface (one side)	Each	R		
A3.17	Single mode fibre optic to 100M LAN interface (one side)	Each	R		
A3.18	Multi-mode fibre optic to 100M LAN interface (one side)	Each	R		A3.6
A3.19	Multi-mode fibre optic to 4 x E1 interface (one side)	Each	R		
A3.20	Multi-mode fibre optic to 8 x E1 interface (one side)	Each	R		
A3.21	Multi-mode fibre optic to 16 x E1 interface (one side)	Each	R		
A3.22	Ethernet to E1 converter	Each	R	A3.10	
A3.23	KVM controller with 19" LCD screen and keyboard	Each	R	A3.7	
A3.24	16 port KVM	Each	R		
A3.25	KVM extender	Each	R		

A3.26	24 Port Switch Aruba or equivalent	Each	R	A3.1	
A3.27	28 Port Switch Aruba or equivalent	Each	R		
A3.28	4 port Fortinet or equivalent Fire Wall	Each	R	A3.2	
A3.29	8 port Fortinet or equivalent Fire Wall	Each	R		

SCHEDULE B. SUPPLY OF TETRA EQUIPMENT AND ANCILLARIES

This schedule is for the supply of TETRA Equipment and ancillary equipment

Table B.1: Supply of TETRA Equipment and Ancillaries

The award for this schedule will be for the mark-up percentage on the supply of all TETRA and ancillary equipment, the items in the table below are for comparative pricing purposes only.

Tenderers must identify the **Original Equipment Manufacturer (OEM)/ Distributor** that will be used in the Tenderer's solution by completing for each item in the column "**OEM/ Distributor Offered**", and which the Tenderer proposes in the submitted tender response.

Please indicate here the partner status for OEM/ Distributor provider(s) offered in your response:

OEM(s)/ Distributor (s) Offered Partner Status

Item	Description	OEM/Distributor Offered	Mark-Up %
B1.1	TETRA Repeaters (Motorola or equivalent)		%
B1.2	TETRA Antennas (Sinclair or equivalent)		%
B1.3	TETRA Site Suppression (Polyphaser or equivalent)		%
B1.4	Tetra Mobile Switching office (Motorola or equivalent)		%
B1.5	MSO Cabinets (Rittel or equivalent)		%
B1.6	Subscriber Tracking System (Safemobile or equivalent)		%

B1.7	Dispatching Consoles (Motorola or equivalent)		%
B1.8	TETRA Voice logger (Datavoice or equivalent)		%

PRICING WILL BE USED FOR EVALUATION PURPOSES ACCORDING TO A BASKET OF QUANTITIES

Item	Description	Unit	OEM/Distributor Unit Price in Rands Excluding VAT and Mark-up	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
<u>TETRA Repeaters</u>					
B1.9	Complete MTS or equivalent Base Transceiver system wired for 4 base radios (with one base radio fitted), including duplexer and filters	Each	R	B1.1	
B1.10	Complete MTS or equivalent Base Transceiver extension cabinet wired for 4 base radios (with one base radio fitted), including duplexers and filters	Each	R		
B1.11	MTS or equivalent Site controller	Each	R		
B1.12	900W Power Supply Unit	Each	R		
B1.13	XHUB MTS or equivalent Controller	Each	R		
B1.14	BR 380-470 MHz High Power MTS or equivalent	Each	R		
B1.15	Complete MTS1 or equivalent Base Transceiver System (220 VAC or 48 VDC)	Each	R		
B1.16	Motorola or equivalent BTS GPS antenna	Each	R		
<u>TETRA Antennas</u>					
B1.17	TETRA antenna, 3db gain, 0 degree down tilt	Each	R	B1.2	
B1.18	TETRA antenna, 3db gain, 3 degree down tilt	Each	R		

Item	Description	Unit	OEM/Distributor Unit Price in Rands Excluding VAT and Mark-up	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
B1.19	TETRA antenna, 3db gain, 6 degree down tilt	Each	R		
TETRA Site Suppression					
B1.20	Coax surge protector, 750W Polyphaser or equivalent	Each	R	B1.3	
B1.21	Ethernet surge protector Polyphaser or equivalent	Each	R		
TETRA Mobile Switching Office					
B1.22	Motorola or equivalent AIS controller (Including licence for 120 concurrent calls)	Each	R	B1.4	
B1.23	Redundant Short data router	Each	R		
B1.24	Redundant Packet data router	Each	R		
B1.25	Motorola or equivalent Licence and MSO costs per additional 4 BTS sites for main site (Current 41 sites)	Each	R		
B1.26	Motorola or equivalent Licence and MSO costs for main site per additional 1 000 subscribers (current 17 749)	Each	R		
B1.27	Motorola or equivalent Licence and MSO costs for main site per additional Vortex or equivalent site (Currently 11)	Each	R		
B1.28	Licence and hardware costs to implement "Agency Partitioning" functionality	Each	R		
B1.29	Licence and hardware costs to implement "Agency Priority matrix" functionality	Each	R		
B1.30	Licence and hardware costs to implement "Dual Control Channel"	Each	R		
B1.31	Licence for geographical redundancy implementation	Each	R		
B1.32	Licence per additional Network Management terminal	Each	R		
B1.33	Licence for RUI/RUA or equivalent system implementation per 10 000 subscribers	Each	R		

Item	Description	Unit	OEM/Distributor Unit Price in Rands Excluding VAT and Mark-up	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
B1.34	Object call system licence per 100 subscribers (BIC/BOC system license)	Each	R		
B1.35	Short data store and forward implementation per SDR	Each	R		
B1.36	Licence per subscriber for local site trunking ignore licence (Home cell stickiness)	Each	R		
B1.37	Licence cost per subscriber for RUI/RUA or equivalent implementation	Each	R		
B1.38	Licence cost to upgrade subscribers for dual control channel operation per subscriber	Each	R		
B1.39	Rittel or equivalent 19 inch (42u x1 m deep) equipment cabinet	Each	R		
B1.40	RF Coverage and Evaluation system	Each	R		
B1.41	RF Coverage and Evaluation system license (1 000 users)	Each	R		
B1.42	Network Management Terminal	Each	R		
<u>Subscriber Tracking System</u>					
B1.43	Subscriber tracking server (Safemobile or equivalent)	Each	R	B1.6	
B1.44	GPS Module	Each	R		
B1.45	Text Messaging module	Each	R		
B1.46	Reporting Module	Each	R		
B1.47	Google or equivalent Mapping Engine	Each	R		
B1.48	Subscriber tracking console (Safemobile or equivalent)	Each	R		
B1.49	Subscriber Tracking user license for 1 000 users	Each	R		
<u>TETRA Dispatching Console</u>					

Item	Description	Unit	OEM/Distributor Unit Price in Rands Excluding VAT and Mark-up	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
B1.50	Motorola or equivalent dispatching console (Complete unit)	Each	R	B1.7	
B1.51	Motorola or equivalent dispatching console (without recorder adaptor and beacon)	Each	R		
B1.52	Local recorder adaptor	Each	R		
B1.53	Beacon	Each	R		
B1.54	Motorola or equivalent dispatching console (Complete unit excluding router, switch, recorder adaptor and beacon)	Each	R		
<u>TETRA Voice Logger</u>					
B1.55	Additional TETRA Voice Logger	Each	R	B1.8	

Table B.2: Installation of Tetra Equipment and ancillaries – Standard installation

The award for this schedule will be for the installation of equipment and includes all transport, travel and other costs. No overtime or standby rates will be paid by the City.

A Standard installation means installation within the City of Cape Town Metropolitan area AND at a building or High Site that does not require 4x4 access or hand-transporting equipment more than 200m

Item	Description	Unit	Year 1 (Excl VAT)
B2.1	Install and commission a MTS4 or equivalent for one site	Sum of a single installation per site	R
B2.2	Complete MTS4 or equivalent cabling, earthing, suppression and accessories for one site (4 Base radios)	Sum of a single installation per site	R
B2.3	Install and commission a MTS1 or equivalent for one site	Sum of a single installation per site	R
B2.4	Complete MTS1 or equivalent cabling, earthing, suppression	Sum of a single installation per site	R

	and accessories for one site (1 base radio)		
B2.5	Install and commission a TETRA expansion cabinet	Sum of a single installation per site	R
B2.6	Install and commission a TETRA repeater system	Sum of a single installation per site	R
B2.7	Complete dispatching console installation (Including cabling and accessories)	Sum of a single installation per site	R
B2.8	Replacement dispatching console installation (Excluding cabling and accessories)	Sum of a single installation per site	R

Table B.3: Installation of Tetra Equipment and ancillaries – NON - Standard installation

The award for this schedule will be for the installation of equipment and includes all transport, travel and other costs. No overtime or standby rates will be paid by the City.

A Non- Standard installation means installation either within the City of Cape Town Metropolitan area or within 100km of the City boundary AND at a building or High Site that requires 4x4 access or hand-transporting equipment more than 200m

Item	Description	Unit	Year 1 (Excl VAT)
B3.1	Install and commission a MTS4 or equivalent for one site	Sum of a single installation per site	R
B3.2	Complete MTS4 or equivalent cabling, earthing, suppression and accessories for one site (4 Base radios)	Sum of a single installation per site	R
B3.3	Install and commission a MTS1 or equivalent for one site	Sum of a single installation per site	R
B3.4	Complete MTS1 or equivalent cabling, earthing, suppression and accessories for one site (1 base radio)	Sum of a single installation per site	R
B3.5	Install and commission a TETRA expansion cabinet	Sum of a single installation per site	R
B3.6	Install and commission a TETRA repeater system	Sum of a single installation per site	R
B3.7	Complete dispatching console installation (Including cabling and accessories)	Sum of a single installation per site	R

B3.8	Replacement dispatching console installation (Excluding cabling and accessories)	Sum of a single installation per site	R
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SCHEDULE C. SUPPLY AND INSTALLATIONS OF MATERIALS AND PARTS

Table C.1: Electrical and Mechanical Works	
<p>Tenderers must identify the Original Equipment Manufacturer (OEM)/Distributor that will be used in the Tenderer’s solution by completing for each item in the column “OEM/ Distributor Offered”, and which the Tenderer proposes in the submitted tender response.</p> <p>Tenderers must also note it is required for this tender to submit proof of certification by the OEM/Distributor that the Tenderer can provide and support the identified product or solution. Please provide the evidence of OEM/Distributor certification in Schedule F.13B Error! Reference source not found. for each OEM/Distributor identified in the Tender response.</p>	
<p>Please indicate here the partner status for OEM provider(s)/Distributor(s) offered in your response:</p>	
OEM(s)/Distributor (s) Offered	Partner Status

Item	Description	OEM/Distributor Offered	Mark-Up %
C1.1	Supply one -48 VDC Eaton (or equivalent) power supply unit excluding power modules and batteries (Wired to accommodate 3 power modules and 2 battery banks) (Eaton or equivalent)		%
C1.2	Supply one 1800 Watt power module (Eaton or equivalent)		%
C1.3	Supply one 48 Volt, 200 A/H, 5 years, battery bank (Must be interoperable)		%
C1.4	Supply one 12 Volt, 105 A/H, 5 year, battery (Must be interoperable)		%
C1.5	Supply one 12 Volt, 9 A/H UPS battery (Must be interoperable)		%

Item	Description	OEM/Distributor Offered	Mark-Up %
C1.6	12 000 Btu split unit inverter air conditioner (Samsung/Daiken or equivalent)		%
C1.7	18 000 Btu split unit inverter air conditioner (Samsung/Daiken or equivalent)		%
C1.8	24 000 Btu split unit inverter air conditioner (Samsung/Daiken or equivalent)		%
C1.9	75 000 Btu split unit inverter air conditioner (Samsung/Daiken or equivalent)		%
C1.10	Dual air con controller 48V DC (Must be interoperable)		%
C1.11	Vandal proof cage per air conditioner outdoor unit (Must be interoperable)		%
C1.12	15 KVA diesel generator		%
C1.13	30 KVA diesel generator		%
C1.14	40 KVA diesel generator		%
C1.15	100 KVA diesel generator		%
C1.16	220 VAC Single phase Surge protection unit		%
C1.17	380 VAC Three phase Surge protection unit		%
C1.18	4 Core armoured power cable		%

PRICING WILL BE USED FOR EVALUATION PURPOSES ACCORDING TO A BASKET OF QUANTITIES

Item	Description	Unit	OEM/Distributor Unit Price in Rands Excluding VAT and Mark-up	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
<u>Power Supply Unit</u>					
C1.19	Supply one -48 VDC Eaton (or equivalent) power supply unit excluding power modules and batteries (Wired to accommodate 3 power modules and 2 battery banks) (Eaton or equivalent)	Each	R	C1.1	
C1.20	Supply one 1800 Watt power module (Eaton or equivalent)	Each	R	C1.2	
C1.21	Supply one 48 Volt, 200 A/H, 5 years, battery bank (Must be interoperable)	Each	R	C1.3	
C1.22	Supply one 12 Volt, 105 A/H, 5 year, battery (Must be interoperable)	Each	R	C1.4	
C1.23	Supply one 12 Volt, 9 A/H UPS battery (Must be interoperable)	Each	R	C1.5	
<u>Air Conditioner Unit</u>					
C1.24	12 000 Btu split unit inverter air conditioner (Samsung/Daiken or equivalent)	Each	R	C1.6	
C1.25	18 000 Btu split unit inverter air conditioner (Samsung/Daiken or equivalent)	Each	R	C1.7	
C1.26	24 000 Btu split unit inverter air conditioner (Samsung/Daiken or equivalent)	Each	R	C1.8	
C1.27	75 000 Btu split unit inverter air conditioner (Samsung/Daiken or equivalent)	Each	R	C1.9	
C1.28	Vandal proof cage per air conditioner outdoor unit	Each	R	C1.11	
<u>Generator</u>					
C1.29	15 KVA diesel generator	Each	R	C1.12	
C1.30	30 KVA diesel generator	Each	R	C1.13	
C1.31	40 KVA diesel generator	Each	R	C1.14	

Item	Description	Unit	OEM/Distributor Unit Price in Rands Excluding VAT and Mark-up	Applicable Mark-up	Item/code or page number in the OEM/Distributor price list
C1.32	100 KVA diesel generator	Each	R	C1.15	
C1.33	220 VAC Single phase Surge protection unit	Each	R	C1.16	
C1.34	380 VAC Three phase Surge protection unit	Each	R	C1.17	
C1.35	16 mm 4 core armoured power cable.	Per metre	R	C1.18	
C1.36	25 mm 4 core armoured power cable	Per metre	R	C1.18	
C1.37	35 mm 4 core armoured power cable	Per metre	R	C1.18	
C1.38	70 mm 4 core armoured power cable	Per metre	R	C1.18	
C1.39	95mm 4 core armoured power cable	Per metre	R	C1.18	

Table C.2: Civils

A Standard installation means installation within the City of Cape Town Metropolitan area AND at a building or High Site that does not require 4x4 access or hand-transporting equipment more than 200m

A Non-Standard installation means installation either within the City of Cape Town Metropolitan area or within 100km of the City boundary AND at a building or High Site that requires 4x4 access or hand-transporting equipment more than 200m

Item	DESCRIPTION	UNIT	Price for Year 1 (Excl VAT)
C2.1	Supply and install 4x3m equipment room and 2x3m generator room container at typical remote site – STANDARD SITE	Sum of a single installation per site	R
C2.2	Supply and install 4x3m equipment room and 2x3m generator room container at typical remote site – NON-STANDARD SITE	Sum of a single installation per site	R
C2.3	Supply and install 4x3m equipment room at typical remote site – STANDARD SITE	Sum of a single installation per site	R

C2.4	Supply and install 4x3m equipment room at typical remote site – NON-STANDARD SITE	Sum of a single installation per site	R
C2.5	Supply and install 2x3m equipment room container at typical remote site – STANDARD SITE	Sum of a single installation per site	R
C2.6	Supply and install 2x3m equipment room container at typical remote site – NON-STANDARD SITE	Sum of a single installation per site	R
C2.7	Supply, install, commission and certify 14m meter free standing lattice mast including foundation and earthing at a typical remote site in Cape Town Metropolitan Area (CMA) (Easy access) [wind 50 m/s, terrain category 1, artificial datum 200m, antenna area 4m ² , excluding EIA	Sum of a single installation per site	R
C2.8	Supply, install, commission and certify 18 meter free standing lattice mast including foundation and earthing at a typical remote site in CMA (Easy access)	Sum of a single installation per site	R
C2.9	Supply, install, commission and certify 24 meter free standing lattice mast including foundation and earthing at a typical remote site in CMA (Easy access)	Sum of a single installation per site	R
C2.10	Certified wind loading assessment for masts at a typical remote site in CMA	per site	R
C2.11	Provide a certificate of structural conformance for masts at typical remote site in CMA	per site	R

Schedule D: Ad hoc Materials/Parts Required for Emergency Repairs

Table D.1: Ad hoc Materials/Parts Required for Emergency Repairs		
Item	Description	Mark-Up %
Ad hoc Materials/Parts Required for Emergency Repairs		
D.1	R1 upto R 5900	%
D.2	> R5900 upto R 11 800	%
D.3	> R 11 800 < R 23 600	%

SCHEDULE E. SPECIALISED SERVICES

Table E.1: Labour Rates			
Item	Description	Unit	Year 1 (Excl VAT)
E1.1	Senior Engineer	Rate per Hour	R
E1.2	Junior Engineer	Rate per Hour	R
E1.3	Senior Technician	Rate per Hour	R
E1.4	Junior Technician	Rate per Hour	R
E1.5	Microwave Engineering Design / development	Rate per Hour	R
E1.6	TETRA Engineering design / development	Rate per Hour	R
E1.7	Project Engineering	Rate per Hour	R

E1.8	Technical support	Rate per Hour	R
E1.9	Software design / development	Rate per Hour	R
E1.10	Switch configuration and operation training	Rate per Hour	R
E1.11	Project Management and design	Rate per Hour	R
E1.12	Design / Planning activities	Rate per Hour	R
E1.13	Microwave Training for City Staff (up to 10 people at City Venue)	Sum	R
E1.14	TETRA Training for City Staff (up to 10 people at City Venue)	Sum	R
E1.15	Environmental Impact Assessment consultancy	Rate per hour	R
E1.16	Architectural consultancy	Rate per hour	R
E1.17	License Application and other Permits	Rate per hour	R
E1.18	Subscriber Tracking System Engineer	Rate per hour	R
E1.19	Subscriber Tracking Software support (ad hoc)	Rate per month	R

C.5 SPECIFICATION(S)

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

5.1. INTRODUCTION AND BACKGROUND

5.1.1. The City currently operates a Motorola Dimetra version 9.2, ETSI TETRA digital radio trunking infrastructure with an integrated Ceragon microwave infrastructure to provide the data links between the Mobile Switching Office (MSO) and the remote Base Transceiver Systems (BTS).

Offered equipment therefore must be able to integrate seamlessly and be fully compatible with the Motorola Dimetra version 9.2, ETSI TETRA digital radio trunking system.

5.1.2. This specification provides for the supply, delivery and/or installation and commissioning of expansions to the City of Cape Town European Telecommunications Standards Institute (ETSI) Terrestrial Trunked Radio (TETRA) digital radio trunking network and associated infrastructure. The following components of infrastructure and services are required:

- A. Radio equipment and ancillaries
- B. TETRA equipment and ancillaries
- C. Electrical and Civil material and parts
- D. Specialised Services

5.1.3. Due to the importance of reliability of the repeater sites electrical installations, the protection thereof as well as for integration and compatibility reasons, the tender will be awarded to a Main Tenderer and if possible an Alternative Tenderer.

5.1.4. No orders shall be placed on the basis of the quantities in this tender document. A scope of works will be defined by the Employer on a per project basis and an order placed in terms of the project requirement and the prices and mark-up tendered. Any projects issued to the successful tenderer(s) shall be completed within the financial year that the purchase order is issued.

5.2. Regulatory and Interoperability

5.2.1. The City has been awarded an ECNS Telecommunications licence by ICASA. It shall be the responsibility of the successful tenderer to identify suitable inter modulation free frequencies, apply to ICASA for the required frequencies for the infrastructure and Microwave frequencies on behalf of the City and ensure that the solutions offered meets all ICASA requirements.

5.2.2. It shall be the tenderers responsibility to ensure that the solutions offered shall provide a total seamless solution with total functionality throughout the systems offered as specified.

5.2.3. The sites for installation have existing but unique floor spacing, power availability, air conditioning, and mast capacities. Some sites are remote and difficult to access. The onus shall be on the tenderers to ensure that their solutions offered will be compatible with existing infrastructures or must allow for additional infrastructure development/installation in their tender to provide a total solution for supply, delivery, installation and commissioning.

5.3. Installation and Commissioning

- 5.3.1. The successful Tenderer will be responsible for the installation and successful commissioning of the equipment and systems. This shall include but not limited to power installations, RF installations (antenna systems), software and equipment.
- 5.3.2. For the upgrade of the infrastructure, tenderers shall make provision for a SAT with necessary documentation.
- 5.3.3. The installation standard shall be similar to or better than the existing standard and similar cable trays shall be utilized. All cables shall be properly marked to enable easy tracing from documentation.

5.4. Design and Standardisation

- 5.4.1. The design of the equipment shall be in accordance with the best current engineering practice, and workmanship shall be of a uniformly high standard. The design shall be such as to ensure complete accessibility for ease of maintenance.
- 5.4.2. All equipment utilized shall be industrial type equipment to ensure reliable operation.
- 5.4.3. All the equipment offered shall be 19" rack mounted and supplied and wired in 19 inch cabinets.

5.5. Accessories

- 5.5.1. Tenderers shall provide all available accessories for optional items in their comprehensive OEM/Distributor price list.

5.6. Technical Brochures

- 5.6.1. Tenderers shall submit at the close of tender full technical brochures and where applicable, drawings in respect of equipment offered in in the Pricing Schedule sections A1, A3, B1 and C1 (Radio, Networking, TETRA and Electrical and Mechanical equipment) as requested in **Schedule F.13**. The City reserves the right to request any additional information to finalise the evaluation process.

5.7. Training

- 5.7.1. Should any equipment or software other than the existing microwave equipment and applications be offered, Tenderers shall provide adequate training to enable the City staff to effectively operate and maintain the microwave infrastructure and all its components.
- 5.7.2. Tenderers shall include in the cost of training any travel costs associated including subsistence costs when travelling to Cape Town (if not local) for the vendors Trainers. No explicit travel costs will be paid.
- 5.7.3. Training shall consist of:
- In depth system training to enable technical staff to undertake their own fault finding, maintenance, trouble shooting and repair/replacement down to replacement part level.
 - In depth software programming training to allow technicians to undertake their own software programming and fault-finding.

5.8. Documentation

- 5.8.1. The successful Tenderer shall provide if requested, on or before commencement of contract, two sets of technical and operating instructions in English, including full layout plan, schematic and wiring diagrams of all equipment installed (As built drawings) to enable the Council to maintain and operate the system.
- 5.8.2. One complete user manual for all the software shall be provided on or before Commencement of contract.
- 5.8.3. The cost for documentation for equipment and systems shall be included in the tender pricing for that equipment or system.
- 5.8.4. The cost for documentation for site acceptance tests shall be included in the tender pricing for that equipment or system.

5.9. Software and Tools

- 5.9.1. All software licence fees shall be included in the tender item price. No annual software fees are acceptable for any sub systems or applications.
- 5.9.2. Equipment supplied shall include any special tools needed for effecting routine adjustments, tuning and general maintenance of the equipment offered including connecting cords with associated plugs and sockets. At least four (4) sets shall be supplied.
- 5.9.3. At least two (2) sets of programming and diagnostic software shall be provided together with all the necessary interface hardware for each type of equipment required to be programmed.

5.10. Spares

- 5.10.1. The Tenderer shall provide the City with a list of critical spares that need to be held by the City to enable the City to meet its uptime requirements. All critical spares items shall form part of the comprehensive OEM/Distributor price list submitted with the tender. Please submit with the tender response the List of Critical Spares in **Schedule F.13**.

5.11. Inspection and Tests

- 5.11.1. The system shall be inspected by the Engineer and shall be subjected to such tests as the Engineer may deem necessary.
- 5.11.2. Arrangements for the testing of the system will be effected by the Engineer with the successful Tenderer.
- 5.11.3. These tests shall include as a minimum total functional testing and coverage testing for the BTS systems.
- 5.11.4. A test schedule for Site Acceptance testing shall be drawn up by the successful tenderer and approved by the Engineer.
- 5.11.5. Tenderers shall include all the acceptance test costs in the tender price.

5.12. Technical Specifications and Standards for Transmission Systems.

- 5.12.1. The City has an installed Ceragon microwave system with a Netmaster Network Management application to provide remote management, configuration, diagnostics and alarms.
- 5.12.2. This system forms an integral part of the radio trunking infrastructure. Therefore, the equipment offered is required to be Ceragon or equipment with equivalent or better technical, functional and environmental specifications that will interface seamlessly into the existing equipment with the same functionality. Tenderers will be required to submit information on how they intend to interface and demonstrate the functionality. Please submit with the tender response the proof of adherence to this requirement in **Schedule F.13A**.
- 5.12.3. The equipment is required to interface seamlessly into the Netmaster and Network Management applications. If not, tenderers have to supply suitable Network Management packages that will accommodate both the existing and new equipment. Any integration requirements will be for the tenderers costs.
- 5.12.4. The City may have Ceragon microwave equipment in stock which the successful tenderer may be required to install at tendered installation rates.
- 5.12.5. The onus will be on the tenderer to ensure full compatibility and functionality of the equipment offered to the existing systems.
- 5.12.6. The following minimum specifications of standards shall apply.

Applicable Standards	
EMC	EN301489
RF	EN302217
Safety for equipment and accessories	EN60950

Environmental	ETSI EN 300019 applicable standards
Carrier grade service resilience	G.8032, MSTP
Integrated synchronisation solutions	Native/SyncE/IEEE1588
Regulatory	Electronics Communications Act of 2005 and ICASA regulations
E1	G.703
Ethernet	IEEE 802.3

5.12.7. General technical requirements of the transmission systems are as follows.

Technical Requirements: General	
Alarm Logging	Local & remote alarm logging
Configuration & management	Software, remote via link
System Fade Margin	Greater than 40dB
End to end link delay	<10 milliseconds
Residual bit error rate	< 10 to power-11
System redundancy (when specified)	Hot standby, Single chassis 1+1
External clock synchronisation	End to end
Frequency band	6 to 42 GHz
Power	-40 to -60VDC
<u>Microwave Antenna requirements</u>	
Type	Dish antenna
Wind velocity capability	Up to 200 Km/hour

5.12.8. Indoor Radio Aggregation Node Unit

5.12.8.1. The equipment offered shall be carrier grade equipment and of such a standard, design and built-in redundancy to ensure a design reliability of 99,999%. Tenderers must provide technical design proof of how their system offered can meet this requirement.

5.12.8.2. The equipment offered shall employ the following configuration:

Redundant solution: -

- Full Hardware and software HSB (Hot standby) with single chassis 1+1.

Standard solution: -

- Single chassis 1+0

- No hardware or software redundancy is required for this equipment
- For this solution two units will be installed if redundancy is required

5.12.8.3. The unit shall be installed in a standard 19-inch rack.

5.12.8.4. The unit shall interface seamlessly with the outdoor radio node specified in this tender. The unit shall provide Power over Internet (PoE) for the radio outdoor unit.

5.12.8.5. The unit shall be a full IP/E1 switch for up to 10 separate IP radios

5.12.8.6. The unit shall cater for any mix of Ethernet and TDM traffic cards with at least 10 slots. (slots for standard solution)

5.12.8.7. The unit shall ensure high capacity throughput of packet aggregation nodes by employing up to 1024 QAM modulation.

5.12.8.8. The unit shall be fully remotely manageable and configurable.

5.12.8.9. The unit shall include a HTTP web-based element manager to perform monitoring remote diagnostics, etc.

5.12.8.10. The unit shall provide a standard SNMPv3 interface

5.12.8.11. The unit shall accommodate and be fully wired for the following service cards, each utilising one of the 10 or 5 available slots:

- Radio modem card
- Ethernet card accommodating 4 x GE electrical interfaces
- Ethernet card accommodating 4 x GE optical interfaces
- TDM card accommodating 16 x E1 interfaces

5.12.8.12. The Indoor radio aggregation node unit shall be supplied and priced as a fully functional unit but without any service cards. Tenderers shall supply the cost of the service cards separately in the pricing schedule.

5.12.8.13. The licencing costs shall be once off and shall be included in the tender pricing where relevant.

5.12.8.14. Tenderers shall supply all the cards in the unit as optional items in the pricing schedule in order to undertake repairs of the unit.

5.12.8.15. The minimum licenced capacity for each radio modem card shall be 10 Mbps and shall be included in the price. The pricing for optional licences to increase the capacity shall be provided in OEM/Distributor price list

5.12.8.16. The equipment offered shall be expandable to at least 1000 Mb/s. Tenderers shall provide detail of how this is achieved. Please submit with the tender response the relevant information in **Schedule 13B**. Provide the equipment and licence cost per bandwidth range to allow the City to order such expansions when required in the **OEM/Distributor** price list.

5.12.8.17. The system shall comply with the technical requirements as specified in the table below.

Technical Requirements: Indoor Unit	
Modulation	Up to 1024 QAM
Frequency stability	0,001%

Ethernet throughput	Up to 500 Mbps
Latency	<0,15 ms@400 Mbps
QoS	4 GB packet buffer
E1 ports	16 per module
Ethernet Interface	10/100/1000Base-T (RJ-45) or 1000base-X (SFP)
Mounting	19 inch rack mount

5.12.9. Outdoor Full Radio Unit

5.12.9.1. The equipment offered shall be carrier grade equipment and of such a standard, design and built-in redundancy to ensure a design reliability of 99,999%. Tenderers must provide technical design proof of how their system offered can meet this requirement.

5.12.9.2. The equipment offered shall employ either one of the following configurations:

Redundant solution: -

- Full Hardware HSB (Hot standby) with single chassis 1+1.
- For the radio equipment only the software redundancy licence must be priced for separately
- For the radio equipment one common dish will be utilised

Standard solution

- Single chassis 1+0
- No hardware or software redundancy is required for the radio equipment
- For this solution two-radio units will be installed with separate dishes if required

5.12.9.3. The equipment offered shall be expandable to at least 1000 Mb/s. Tenderers shall provide detail of how this is achieved. Please submit with the tender response the relevant information in **Schedule 13B**. Provide the equipment and licence cost per bandwidth range to allow the City to order such expansions when required in the **OEM/Distributor** price list.

5.12.9.4. The microwave antennas shall be dish antennas and shall be capable of withstanding wind speeds of up to 200 Km/h.

5.12.9.5. The unit shall be a fully functional standalone radio unit utilising multi-core radio technology to provide a Gbps backhaul system

5.12.9.6. The unit licencing shall be once off and shall be included in the tender pricing.

5.12.9.7. The cost of the integrated antenna element shall be included in the unit price. The cost of the antenna dishes shall be quoted for separately.

5.12.9.8. The unit shall have a throughput capacity of at least 1000 Mbps at 112 MHz bandwidth

5.12.9.9. The minimum licenced capacity for the unit shall be 10 Mbps and shall be included in the price. The pricing for optional licences to increase the capacity shall be provided in the pricing schedule as optional items.

5.12.9.10. The unit shall be powered by -48 VDC and POE supplied by the indoor unit.

5.12.9.11. The redundant unit shall have separate data ports for each radio (10/100/1000 Base T electrical) or option to fit an optical interface.

5.12.9.12. The link design for all installations shall allow for a Radio Frequency Fade Margin of at least 40 dB.

5.12.9.13. The equipment and the operation thereof shall comply with all relevant ICASA standards and requirements.

5.12.9.14. All required licensing shall be included in the tender price as a once off cost.

5.12.9.15. It shall be required for the successful tenderer to design and submit for the City's approval a comprehensive Site Acceptance Test. The cost of which must be included in the tender price.

5.12.9.16. It shall be the tenderers responsibility to apply for all frequencies to ICASA on the city's behalf. The cost thereof shall be included in the item tender pricing.

5.12.9.17. The system shall comply with the technical requirements as specified in the table below.

Technical Requirements: Outdoor Unit	
Modulation	QPSK, up to 2048 QAM
Frequency stability	0.001%
Protection	Hot standby, Single chassis 1+1
Level Of Service (LOS)	4 x 4 MIMO
Max IP traffic capacity	1 000 Mb/s
Max E1 traffic capacity	84 x E1 (42xE1 for 1+1)
Power	48VDC direct and/or via POE
Data port	Separate for each radio

5.12.10. Networking Equipment

5.12.10.1. The following are minimum requirements for networking equipment.

Technical Requirements: Networking Equipment	
<u>Core Server</u>	
Processor	2.3 GHz Xeon 8000 series or equivalent
Number of cores	12
RAM	192 GB
Hard Disk Interface	Serial ATA
Storage	8x 600gb hot swappable disk drives, configured for RAID 1+0 (disk mirroring) operation.
Data link protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Ethernet ports	4 Gigabit LAN, in addition to 4 embedded ports
Form factor	Rack mountable
Cooling	High performance fan kit

Power	Dual 500w hot swappable power supplies
Remote diagnostics and problem resolution	Integrated Lights Out (iLO) facility

Technical Requirements: Networking Equipment	
<u>Non-Core Server</u>	
Processor	2.3 GHz Xeon 8000 series or equivalent
Number of cores	8
RAM	32 GB
Hard Disk Interface	Serial ATA
Storage	4x 600gb
Data link protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Ethernet ports	4
Form factor	Rack mountable

5.12.11. Management Applications

- 5.12.11.1. The radio, aggregation and multiplexing equipment is required to interface seamlessly into the existing Netmaster Network Management applications. Please submit with the tender response proof of adherence to this requirement in **Schedule F.13C**. If not, tenderers have to supply suitable Network Management packages that will accommodate both the existing and new equipment.
- 5.12.11.2. The onus shall be on the tenderer to investigate the existing management packages and to ensure full functionality of existing and new systems. Tenderers shall provide a detailed explanation and description of how they envisage accomplishing this integration.
- 5.12.11.3. The equipment shall be remotely programmable from the Network Control centre for mapping/cross connecting of the Ethernet/E1 time slots at each remote site.
- 5.12.11.4. The equipment shall allow for full remote diagnostics, alarms and history of each remote installation from the Network Control Centre via the existing microwave system

5.12.12. Functionality and Features for Microwave Radio Equipment

- 5.12.12.1. All units shall at least support the functionality as defined in the table below.

Functionality	
Protocols supported	E1,IP,Ethernet LAN
Remote functionality	Remote dropdown of E1time slots

	Remote diagnostics
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5.12.13. Environmental Specifications for Microwave Radio Equipment

5.12.13.1. All units shall comply with the environmental requirements as specified in the table below:

Environmental requirements (IDU)	
Operating	ETSI EN 300 019 1-3 Class 3.2
Operating temperature	-5 to +55 deg. centigrade
Humidity	5% RH to 95%RH
Environmental requirements (RFU)	
Operating	ETSI 300 019 1-4 Class 4.1
Operating temperature	-33 to +55 deg. centigrade
Humidity	5%RH to 100%RH

5.12.14. Installation Requirements for Microwave Radio Equipment

5.12.14.1. Tenderers are to assume that a suitable equipment room with 48 VDC standby power, overhead cable trays and RF entry plate for surge protection is available for the installation.

5.12.14.2. Tenderers are to assume that a suitable mast with cable trays is available for the dish installation.

5.12.14.3. Tenderers are to make provision under the microwave and multiplexor cabling, earth and suppression item in the Pricing Schedule for surge protectors for all cabling entering and leaving the equipment room via the RF entry plate.

5.12.14.4. The installation needs to conform to the standard of installation at the existing remote sites. The onus shall be on the tenderer to affair themselves with and meeting the standard.

5.12.14.5. Tenderers are to include under the installation item on the Pricing Schedule, the cost to design the link for the required reliability and fade margin.

5.12.14.6. Tenderers are to ensure that all licensing, equipment, accessories, materials and labour are included in the tender pricing to enable a complete installation and commissioning of the system according to specification.

5.12.15. Site Establishment

5.12.15.1. It is required to install additional repeater sites in the Cape Metropolitan Area and beyond, including areas outside of the metropolitan area but within the Western Cape, as the need arises.

5.12.15.2. It is required from the tenderer to provide all the environmental, civil, mechanical and electrical design and installation services required to develop and commission new repeater sites.

5.13. Supply and Installation of TETRA Equipment and Ancillaries

5.13.1. Technical Requirements and Standards for TETRA Base Transceiver Equipment

5.13.1.1. The City has moved away from the older Motorola Enhanced Base Transceiver Systems (EBTS) to the latest Motorola Transceiver Stations (MTS)

5.13.1.2. All the equipment offered must integrate seamlessly with the existing Motorola infrastructure.

- 5.13.1.3. For remote, low traffic solutions, the City requires an integrated MTS solution with only one MTS base radio that can operate as an alone standing unit in the field.
- 5.13.1.4. The equipment offered shall be of such a standard, design and built-in redundancy to ensure an extremely reliable system. Single chassis 1+1 redundancy shall be provided for all system components, required for basic functionality of the infrastructure. Tenderers must provide proof of their equipment reliability and how their system offered meets this requirement as part of the Technical Brochures requested.
- 5.13.1.5. The system shall employ Ethernet switching between the master site and remote sites. The required switching to be confirmed at ordering. The multiplexing and transmission equipment is included under the transmission equipment.
- 5.13.1.6. All required licensing shall be included in the tender price as a once off cost.
- 5.13.1.7. All antennas provided shall be RF rated to operate with the full expandable capacity of the repeater equipment.
- 5.13.1.8. All external RF cabling shall be 7/8-inch foam heliax.
- 5.13.1.9. The successful tenderer shall be required to design and submit a comprehensive coverage test and Site Acceptance Test for any new site established, for the City's approval. The cost of which must be included in the tender price.
- 5.13.1.10. The installation needs to conform to the standard of installation at the existing remote sites. The onus shall be on the tenderer to affair themselves with and meeting the standard.
- 5.13.1.11. The following standards shall apply:

Applicable Standards	
Infrastructural	All relevant ETSI TETRA standards
Safety	EN 60950
Air interface	EN 300 392-2
Environmental	Relevant ETSI 300019 standards
Regulatory	Electronics Communications Act of 2005 and ICASA regulations
Interface	E1, Ethernet

- 5.13.1.12. The system shall comply with the technical requirements as specified in the table below.

Technical Requirements	
Duplex spacing	10 Mhz
Operating bandwidth	5 Mhz
Channel spacing	25 khz
Frequency	400 - 430 MHz
Remote site data link protocol	E1 and Ethernet

Remote site configured capacity	Upto 8 Base radios
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5.13.2. Functionality and Features for TETRA Equipment

5.13.2.1. The system is fully equipped and licensed to provide subscriber authentication and encryption to in excess of 17 000 users. Tenderers shall provide the licence cost per 1 000 users to further expand the user base. Should there be any hardware requirements, tenderers must provide the full extent of requirements in **Schedule F.13D** and costing in the Pricing Schedule (C.4) to enable the City to place orders for the delivery and installation of the hardware.

5.13.2.2. The system is fully equipped and licensed to provide 41 BTS sites with encryption and authentication. Tenderers shall provide the licence cost per 4 additional sites to further expand the BTS sites. Should there be any hardware requirements, tenderers must provide the full extent of requirements in **Schedule F.13E** and pricing in the Pricing Schedule (C.4) to enable the City to place orders for the delivery and installation of the hardware.

5.13.2.3. The system shall comply with the functional requirements as specified below. **Please indicate in the column “YES / NO” whether the functional requirement can be complied with in full and in the case of “NO” please provide a comment as to how the requirement will be met or mitigated:**

Functional Requirements	YES / NO	Comments
Announcement talk group		
Late entry		
Dynamic Group number assignment		
Stunning		
Radio status		
Site status		
Auto cell handover		
Local site trunking		
System announcement		
Talkgroup patching		
Multi talk group		
Storm plan or equivalent implementation		
Talk group All start		

Functional Requirements	YES / NO	Comments
Talk group fast start		
System Alert		
System Alarms		
Equipped and licensed for Authentication.		
Equipped and licensed for Encryption.		
Equipped and licensed for IP security.		
Capable of Agency partitioning		
Capable of Dual Control Channel operation		

5.13.3. Dispatching Consoles

5.13.3.1. The City operates Motorola Vortex MCC 7500 dispatching consoles connected to the MSO via the microwave network or fibre optic interfaces and additional consoles at existing control room is required as well as the establishment of new control room sites.

5.13.3.2. The consoles shall be provided with a headset with noise cancelling microphone for an operator to perform all voice functions.

5.13.3.3. The consoles shall have the ability to send and receive free alphanumeric text to/from a subscriber.

5.13.3.4. Any existing building in the Cape Metropolitan Area may be utilised for dispatching console installations.

5.13.3.5. The consoles shall consist of at least a 19-inch LCD monitor, separate “select” and “unselect” speakers with separate volume controls and a footswitch for PTT.

5.13.3.6. The consoles shall be complete with all ancillary equipment and cabling required to effect a complete installation via an E1/Ethernet microwave or fibre optic link.

5.13.3.7. Should a site with more than two consoles be required, the domain controller cost shall include all the ancillary equipment and cabling required to effect a complete installation via an Ethernet link.

5.13.3.8. Tenderers are to ensure that all licensing, equipment, accessories, materials and labour are included in the tender pricing to enable a complete installation and commissioning of the system according to specification.

5.13.3.9. The following standards and minimum technical requirements shall apply.

Applicable Standards	
Safety	EN 60950
Technical Requirements	
Remote link to infrastructure	Ethernet

Monitor	19 inch LCD, colour or equivalent
Speaker Selection	Separate select & unselect speakers
Switch	Footswitch
Headset	Integrated headset
Talk group capacity	> 15 Multi-Select groups
Logging	Caller log information

5.13.4. Functionality and Features for Dispatching Consoles

5.13.4.1. The system is fully equipped and licensed to operate 11 dispatching console sites. Tenderers shall provide the licence cost per site to further expand the user base. Should there be any hardware requirements, tenderers must provide the full extent of requirements in **Schedule F.13F** and costing in the Pricing Schedule (C.4) to enable the City to place orders for the delivery and installation of the hardware.

5.13.4.2. The system shall comply with the functional requirements as specified below: **Please indicate in the column “YES / NO” whether the functional requirement can be complied with in full and in the case of “NO” please provide a comment as to how the requirement will be met or mitigated:**

Functional Requirements	YES / NO	Comments
Alphanumeric Text Service		
Talk group patching		
System broadcast		
Talk group multi select		
Group call		
Private call		
Telephone call		
Emergency call		
Caller log information		
Talk group priority		
Intercom between consoles		
Patch external telephones to radio		

Functional Requirements	YES / NO	Comments
Patch conventional radio to talk groups		
Patch Talk groups to external trunking systems		

5.13.5. RF Coverage and Evaluation system

5.13.5.1. The tenderer shall provide a solution for monitoring performance and coverage of the TETRA network. The system should have the following capabilities at minimum:

- Continuously track network performance, generate reports and take corrective actions
- Provide real time location, performance and usage information of the TETRA radios
- Provide error logs and communication failures of the end-user TETRA radios
- Provide detailed analysis of a problem
- Provide full visibility of the network from end-user perspective

5.13.6. Subscriber Tracking System

5.13.6.1. The tenderer shall provide a solution for Subscriber Tracking System with functionality that is equal or better than SafeMobile. The subscriber tracking solution is required for the real-time GPS (or equivalent) tracking of TETRA radios and their graphical display.

5.13.7. Environmental Requirements

5.13.7.1. All specified units shall comply with the environmental requirements as specified below:

Environmental requirements	
TETRA Antenna Operating temperature	- 10 to + 50 °C
TETRA Antenna wind velocity	200 km/h or higher

5.13.8. Coverage

5.13.8.1. A comprehensive coverage test shall be provided as part of the System Acceptance Test (SAT) and shall be included in the tender price.

5.13.8.2. The successful tenderer will be required to design an expected coverage map for each site and the system coverage which will be used for system acceptance as part of the tender submission.

5.13.9. Site Establishment

5.13.9.1. It is required for the city to establish new repeater sites and the tender pricing should include all possible work to be undertaken to develop and establish such a site, excluding power to the site but including environmental, architectural, civil, mechanical and electrical services.

5.13.9.2. The installation needs to conform to the standard of installation at the existing remote sites. The onus shall be on the tenderer to affair themselves with and meeting the standard.

5.13.9.3. Tenderers are to ensure that all licensing, equipment, accessories, materials and labour are included in the tender pricing to enable a complete installation and commissioning of the system according to specification.

5.13.10. TETRA Voice logger

The voice recorder must be an integrated solution for the current Motorola Dimetra system.
 All voice calls must be recorded and must include, private calls, interconnect and group calls.
 A total of 240 channels must be recorded
 The voice logger must be able to connect to up to 4 x AIS's
 The voice recording must include scenario recreation playback interfaces
 A total of 11 concurrent web-based replay clients/licences is required
 The recorder must record 50 SDS conversations including location and must be able to expand if more devices are added.

5.14. Supply and Installation of Material and Parts

5.14.1. Technical Requirements Equipment Room

- 5.14.1.1. The installation shall comply with all relevant SABS electrical standards and a certificate of conformance must be supplied with the tender.
- 5.14.1.2. The installation shall cater for overhead cable trays and an RF entry plate as per existing sites.
- 5.14.1.3. The installation shall include an alarm system with two door alarms, two movement detectors, mains power fail alarm, generator run alarm, generator low fuel alarm, generator oil pressure alarm, equipment room high temperature alarm, 48VDC PSU alarm and navigational light. The alarms to be terminated on a krone block.
- 5.14.1.4. The installation shall cater for an air conditioner duty cycle controller
- 5.14.1.5. The installation shall include a building earth equal to or better than existing sites.
- 5.14.1.6. An electrical distribution board, connected to the generator distribution board shall be supplied equipped with separate circuit breakers, cabling, plugs and fittings for 2 air conditioners, 48 VDC supply, alarm system, three 19 inch racks, two 220 VAC plug outlets, 2 x double florescent lights, navigational lights and two spare circuit breakers.

5.14.2. Technical Requirements Generator Room

- 5.14.2.1. The installation shall comply with all relevant SABS electrical standards, and a certificate of conformance must be supplied.
- 5.14.2.2. The installation shall cater for overhead cable trays as per existing sites.
- 5.14.2.3. The installation shall cater for a drip tray as per existing installations.
- 5.14.2.4. The installation shall include full wiring of generator controller unit.
- 5.14.2.5. The installation shall include power surge protection and building earth equal to or better than at existing sites.
- 5.14.2.6. An electrical distribution board connected to the main incoming supply shall be supplied equipped with separate circuit breakers, cabling, plugs and fittings for 1 x double florescent light, 1 x 220 Volt plug outlet, and equipment room DB outlet.
- 5.14.2.7. The generators shall be of similar or better quality and capacity as existing 15/30/40/100 KVA (John Deere or equivalent) generators with at least the same functionality, connections and features.
- 5.14.2.8. Generator engines shall comply with ISO 8528-1 with each generator complying with the below specifications:

Generator specification	15KV	30KV	40KV	100KV
Phase	Single	Single	3 Phase	3 Phase
Performance class	G3	G3	G3	G3
Tank capacity	100L	100L	100L	190L

Injection type	Direct	Direct	Direct	Direct
Speed	RPM 1500	RPM 1500	RPM 1500	RPM 1500
Cylinders	3	3	3	4

5.14.2.9. Relevant technical documentation and brochures for offered generators shall be submitted in **Schedule F.13**.

5.14.2.10. Unless otherwise stated all cabling shall be polyvinyl chloride insulated (PVC/SWA/PVC) and shall comply with SABS-1507. The cores shall be stranded copper and the cores and insulation shall be 600/1000V grade.

5.14.3. Technical requirements Surge Protection and Power

5.14.3.1. The remote site equipment shall operate from a dedicated 48 Volt DC supply, backed up by a generator supply (except the MTS1 which operates from 220 VAC).

5.14.3.2. All inputs and outputs of the equipment shall adequately protect against induced surges and spikes due to lightning strikes and mains instabilities. Tenderers are to make provision under the BTS cabling, earth and suppression item in the Pricing Schedule for surge protectors for all cabling entering and leaving the equipment room via the RF entry plate and the electrical distribution board.

5.14.3.3. All RF cabling entering or leaving the central equipment room and repeater sites shall go through the RF entry plates and be equipped with similar or better surge protection as existing.

5.14.3.4. Earthing equal or better than the current standard at the sites shall be employed for any new installations (Less than 10 Ohms) between the RF entry plate, mast and ground.

5.14.4. Technical requirements Containers

5.14.4.1. The containers shall be of the same type as installed at existing sites or better quality.

5.14.4.2. A concrete slab of suitable strength and size shall be constructed for the container.

5.14.4.3. An additional concrete plinth of suitable size and strength shall be provided for the generator to rest on, inside the container as per existing installations.

5.14.4.4. The 6 x 3-meter container shall consist of a 4 x 3-meter equipment room and a 2 x 3-meter generator room.

5.14.4.5. The 2 x 3-meter container will serve as either a generator or equipment room

5.14.5. Technical requirements Air conditioners

5.14.5.1. The air conditioners shall be split units and be of same or better quality than existing units installed.

5.14.5.2. The outdoor unit shall be provided with a lockable metal cage to prevent tampering.

5.14.5.3. The indoor unit shall be provided with a controller to allow 2 units to be installed in an equipment room and to control both units for a shared duty cycle and common control of temperature.

5.14.6. Technical requirements Masts

5.14.6.1. The mast design, construction and installation shall be in accordance with all the relevant SANS specifications

5.14.6.2. The masts shall have the following minimum specifications:

5.14.6.3. Able to withstand wind speed of up to 200 Km/hour.

5.14.6.4. Designed for terrain category one with artificial datum of 200 meters.

5.14.6.5. Minimum wind loading factor for antenna shall be a useable area of 4-meter square

5.14.6.6. The tender price shall include the cost of the mast, the construction of the base, installation of earth mat, installation of the mast as well as certification.

5.14.6.7. The loading factor included in the tender pricing schedule, shall be used to provide for the different installation environments as stipulated in the pricing schedule.

5.14.6.8. The cost for environmental impact assessment studies and architectural design shall be included in the tender pricing schedule.

5.15 Equivalent Products

Offered equipment **must** be fully compatible and interoperable with existing infrastructure (hardware and software). Where offered equipment are for equivalent OEM, the bidder must provide evidence such as a confirmation letter that the equivalent OEM is fully compatible and interoperable with the existing equipment (hardware and software).

All equivalent products tendered must be able to integrate into the existing environment seamlessly and with no disruption to the working environment with no additional integration costs for the City of Cape Town apart from the integration costs provided for in the price schedule. All ambiguity must be explained as part of the equivalent product information that must be provided with your tender submission. Fully explain equivalent solutions. State all assumptions upfront and note that any unconfirmed assumptions that are deemed by the City as being not fit for purpose or infringing the City of Cape Town's interests may render the equivalent solution as non-responsive. Please provide information in **Schedule F.13G**.

5.16. Delivery

The City requires the Tenderer to ensure that any goods ordered in this tender are to be delivered to the City within a period not exceeding 8 weeks from date of purchase order receipt. In the case of unforeseen issues causing late delivery, it is the responsibility of the Supplier to timeously inform the City if the goods ordered will not meet the contract delivery period.

5.17. Ad hoc Materials/Parts Required for Emergency Repairs

This shall cover material or parts required in the event of theft and/or vandalism at City of Cape Town repeater sites. These material or parts are for minor items required in the vicinity of the Repeater site consisting of the mast, generator, air conditioner, equipment and generator rooms with value not exceeding R23 600.

5.18. Technical support

Technical support is required for the Radio Subscriber (GPS or equivalent) Tracking system.

5.19 Performance Review meetings

Performance review meetings will be arranged as and when required.

5.20 TRADE NAMES OR PROPRIETARY PRODUCTS

Tenderers/Suppliers 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".

5.21 EMPLOYMENT OF SECURITY PERSONNEL

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

5.22 FORMS FOR CONTRACT ADMINISTRATION

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

a) Monthly Project Labour Report (described below)

The Monthly Project Labour Report must include details of all labour (including that of sub-contractors) that are South African citizens earning less than **R 350** per day, as adjusted from time to time (excluding any benefits), who are employed on a temporary or contract basis on this contract in the month in question.

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

C.6 SPECIAL CONDITIONS OF CONTRACT

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

1. Definitions

Insert new clause 1.1A with the following:

- 1.1A “Commencement Date” means the date the Supplier confirms receipt from the Purchaser of 1 (one) complete, signed copy of the Contract, the *Schedule of Deviations* (if any).
- 1.1B “Conditions of Contract” means the general conditions of contract and special conditions of contract including all other contract data incorporated by reference.

Delete Clause 1.15 and substitute with the following

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

Delete Clause 1.19 and substitute with the following

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

Delete Clause 1.21 and substitute with the following:

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

Add the following after Clause 1.25:

- 1.26 ‘Supplier’ means the provider of Goods and / or Services with whom the Contract is concluded also referred to as “contractor” in the GCC.
- 1.27 "Intellectual Property" means any and all intellectual property rights of any nature anywhere in the world whether registered, registerable or otherwise, including patents, trademarks, registered designs and domain names, applications for any of the foregoing, trade or business names, copyright and rights in the nature of copyright, design rights, rights in databases, know-how, trade secrets and any other intellectual property rights which subsist in computer software, computer programs, websites, documents, information, techniques, business methods, drawings, logos, instruction manuals, lists and procedures and particulars of customers, marketing methods and procedures and advertising literature, including the "look and feel" of any websites
- 1.28 “Working Day” means Monday to Friday excluding weekends and Public Holidays (in the Republic of Sotuh Africa).

3. General Obligations

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

- 3.2 The Parties will be liable to each other arising out of or in connection with any breach of the obligations detailed or implied in this contract, subject to clause 28.
- 3.3 If the Supplier is a joint venture, all parties in a joint venture or consortium shall be jointly and severally liable to the Purchaser in terms of the Contract and shall carry individually the minimum levels of insurance stated in the Contract, if any.

- 3.4 The Parties shall comply with all laws, regulations and bylaws of local or other authorities having jurisdiction regarding the Delivery of the Goods and/or Services and give all notices and pay all charges required by such authorities.
- 3.4.1 The Parties agree that this Contract shall also be subject to the CCT's Supply Chain Management Policy ("SCM Policy") that was applicable on the date the bid was advertised as amended from time to time. If the Purchaser adopts a new SCM Policy which contemplates that any clause therein would apply to the Contract emanating from this tender, such clause shall also be applicable to the Contract. Please refer to this document contained on the CCT's website.
- 3.4.2 Abuse of the supply chain management system is not permitted and may result in termination of the Contract, restriction of the Supplier, and/or the exercise by the CCT of any other remedies available to it as described in the SCM Policy or in law.
- 3.5 The Supplier shall:
- 3.5.1 Arrange for the documents listed below to be provided to the Purchaser prior to the issuing of the Purchase Order by the Purchaser and no later than the periods as set out in the Contract:
- a) Proof of Insurance (Refer to Clause 11) or Insurance Broker's Warrantee,
 - b) Letter of good standing from the Compensation Commissioner, or a licensed compensation insurer (Refer to Clause 11),
 - c) Initial delivery programme, and
 - d) Other requirements as detailed in the Contract.
- 3.5.2 Only when notified of the acceptance of the bid on the Date of Commencement of Contract, the Supplier shall commence with and carry out the Delivery of the Goods and/or Services in accordance with the Contract, to the satisfaction, of the Purchaser.
- 3.5.3 Provide all of the necessary materials, labour, plant and equipment required for the delivery of the Goods and/or Services including any temporary services that may be required.
- 3.5.4 Insure his workmen and employees against death or injury arising out of the delivery of the Goods.
- 3.5.5 Be continuously represented during the Delivery of the Goods and/or Services by a competent representative duly authorised to execute instructions.
- 3.5.6 In the event of a loss resulting in a claim against the insurance policies stated in clause 11, pay the first amount (excess) as required by the insurance policy.
- 3.5.7 Comply with all written instructions from the Purchaser subject to clause 18.
- 3.5.8 Complete and Deliver the goods within the period stated in clause 10, or any extensions thereof in terms of clause 21.
- 3.5.9 Make good at his own expense, all incomplete and defective Goods during the warranty period.
- 3.5.10 Pay to the Purchaser any penalty for delay as due on demand by the Purchaser. The Supplier hereby consents to such amounts being deducted from any payment due to the Supplier.
- 3.5.11 Comply with the provisions of the OHAS Act & all relevant regulations.
- 3.5.12 Comply with all laws relating to wages and conditions generally governing the employment of labour in the Cape Town area and any applicable Bargaining Council agreements.
- 3.5.13 Deliver the Goods in accordance with the Contract and with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.
- 3.6 The Purchaser shall:
- 3.6.1 Issue Purchaser Orders for the Goods and/or Services required under this Contract. No liability for payment will ensue for arising out of the Delivery of the Goods and/or Services, unless a Purchase Order has been issued to the Supplier.

- 3.6.2 Make payment to the Supplier for the Goods and/or Services as set out herein.
- 3.6.3 Take possession of the Goods and /or Services upon Delivery by the Supplier.
- 3.6.4 Regularly inspect the Goods to establish that it is being delivered in compliance with the Contract.
- 3.6.5 Give any instructions and/or explanations and/or variations to the Supplier including any relevant advice to assist the Supplier to understand the Contract.
- 3.6.6 Grant or refuse any extension of time requested by the Supplier of the period stated in clause 10.
- 3.6.7 Inspect the Goods and/or Services to determine if, in the opinion of the Purchaser, it has been delivered in compliance with the Contract, alternatively in such a state that it can be properly used for the purpose for which it was intended.
- 3.6.8 Brief the Supplier and issue all documents, information, etc. in accordance with the contract.

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

Add the following after clause 5.4:

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

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

- 5.6 **Publicity and publication**
The Supplier shall not release public or media statements or publish material related to the services or agreement within two (2) years of Delivery of the Goods, without the written approval of the Purchaser, which approval shall not be unreasonably withheld.
- 5.7 **Confidentiality**
Both Parties shall keep all information obtained by them in the context of the agreement, confidential and shall not divulge it without the written approval of the other Party.
- 5.8 **Intellectual Property**
 - 5.8.1 The Supplier acknowledges that it shall not acquire any right, title or interest in or to the Intellectual Property of the Purchaser.
 - 5.8.2 The Supplier hereby assigns to the Purchaser, all Intellectual Property created, developed or otherwise brought into existence by it for the purposes of the agreement, unless the Parties expressly agree otherwise in writing.
 - 5.8.3 The Supplier shall, and warrants that it shall:
 - 5.8.3.1 Not be entitled to use the Purchaser's Intellectual Property for any purpose other than as contemplated in the agreement;
 - 5.8.3.2 not modify, add to, change or alter the Purchaser's Intellectual Property, or any information or data related thereto, nor may the Supplier produce any product as a result of, including and/or arising from any such information, data and Intellectual Property, and in the event that it does produce any such product, the product shall be, and be deemed in law to be, owned by the Purchaser;
 - 5.8.3.3 Not apply for or obtain registration of any domain name, trademark or design which is similar to any

Intellectual Property of the Purchser;

- 5.8.3.4 Comply with all reasonable directions or instructions given to it by the Purchaser in relation to the form and manner of use of the CCT Intellectual Property, including without limitation, any brand guidelines which the Purchaser may provide to the Supplier from time to time;
- 5.8.3.5 Ensure that its employees, directors, members and contractors comply strictly with the provisions of this Clause 5.5.8.4 above unless the Purchaser expressly agrees to the contrary, in writing and only after obtaining due internal authority for such agreement.
- 5.8.4 The Supplier represents and warrants to the Purchaser that, in providing Goods and/or Services for the duration of the agreement it will not infringe or make unauthorised use of the Intellectual Property rights of any third party and hereby indemnifies the Purchaser from any claims, liability, loss, damages, costs, and expenses arising from the infringement or unauthorised use by the Supplier of any third party's Intellectual Property rights.
- 5.8.5 Upon expiry of the contract period and in the event that the Contract is terminated, ended or is declared void, any and all of the Purchaser's Intellectual Property, and any and all information and data related thereto, shall be immediately handed over to the Purchaser by the Supplier and no copies thereof shall be retained by the Supplier unless the Purchaser expressly and in writing, after obtaining due internal authority, agrees otherwise.

Add the following after clause 5.8:

5.9 Protection of Personal Information Act of 2013

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

- 5.9.1 that the tenderer has been informed of the purpose of the collection and processing of its personal information as defined in the Protection of Personal Information Act of 2013 ("POPIA"), which, for the avoidance of doubt is for, and in relation to, the tender process and the negotiation, conclusion, performance and enforcement of the ensuing agreement, if applicable, as well as for the City of Cape Town's reporting purposes;
- 5.9.2 to the collection and processing of the tenderer's personal information by the City of Cape Town and agrees to make available to the City of Cape Town, all information reasonably required by the City of Cape Town for the above purposes;
- 5.9.3 that the personal information the City of Cape Town collects from the tenderer or about the tenderer may be further processed for other activities and/or purposes which are lawful, reasonable, relevant and not excessive in relation to the purposes set out above, for which it was originally collected;
- 5.9.4 that, the tenderer indemnifies the City of Cape Town and its officials, employees, and directors and undertakes to keep the City of Cape Town and its officials, employees, and directors indemnified in respect of any claim, loss, demands, liability, costs and expenses of whatsoever nature which may be made against the City of Cape Town (including the costs incurred in defending or contesting any such claim) in relation to the tenderer or the tenderer's employees', representatives' and/or sub-Suppliers' non-compliance with POPIA and/or the City of Cape Town's failure to obtain the tenderer's consent or to notify the tenderer of the reason for the processing of the tenderer's personal information;
- 5.9.5 to the disclosure of the tenderer's personal information by the City of Cape Town to any third party, where the City of Cape Town has a legal or contractual obligation to disclose such personal information to the third party (or a legitimate interest exists therein);
- 5.9.6 that, under POPIA, the tenderer may request to access, confirm, request the correction, destruction, or deletion of, or request a description of, personal information held by the City of Cape Town in relation to you, subject to applicable law; and

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

5.10 **PERFORMANCE MONITORING**

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

7. Performance Security

Delete clause 7.1 to 7.4 and replace with the following:

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

8. Inspections, tests and analyses

Delete Clause 8.2 and substitute with the following:

- 8.2 If it is a bid condition that Goods and/or Services to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or Supplier shall be open, at all reasonable hours, for inspection by a representative of the Purchaser or an organisation acting on behalf of the Purchaser.

10. Delivery and documents

Delete clauses 10.1 and 10.2 and replace with the following:

- 10.1 Delivery of the goods shall be made by the Supplier in accordance with the terms specified in the contract. The time for Delivery of the goods shall be the date as stated on the Purchase Order. In the case of agreements for Delivery of goods in terms of framework or panel agreements, Purchase Orders for the supply and delivery of goods may be raised up until the expiry of a framework or panel agreement, provided that the goods can be delivered within 30 (thirty) days of expiry of the framework or panel agreement. In this context, the "goods" does not include services and carries its ordinary meaning. All Purchase Orders other than for the supply and Delivery of goods (i.e. supply of services, professional services or constructions works), must be completed prior to the expiry of the contract period.
- 10.2 The Purchaser shall determine, in its sole discretion, whether the Goods and/or Services have been delivered in compliance with the Contract, alternatively in such a state that it can be properly used for the purpose for which it was intended. When the Purchaser determines that the Goods and/or Services have been satisfactorily delivered, the Purchaser must issue an appropriate certification, or written approval, to that effect. Invoicing may only occur, and must be dated, on or after the date of such written acceptance of the Goods.

11. Insurance

Add the following after clause 11.1:

- 11.2 Without limiting the obligations of the Supplier in terms of this Contract, the Supplier shall effect and maintain the following additional insurances:
- 11.2.1 Public liability insurances, in the name of the Supplier, covering the Supplier and the Purchaser against liability for the death of or injury to any person, or loss of or damage to any property, arising out of or in the course of this Contract, in an amount not less than **[R20 million]** for any single claim;
- 11.2.2 Motor Vehicle Liability Insurance, in respect of all vehicles owned and / or leased by the Supplier, comprising (as a minimum) "Balance of Third Party" Risks including Passenger Liability Indemnity;
- 11.2.3 Registration / insurance in terms of the Compensation for Occupational Injuries and Disease Act, Act 130 of 1993. This can either take the form of a certified copy of a valid Letter of Good Standing issued by the Compensation Commissioner, or proof of insurance with a licenced compensation insurer, from either the Supplier's broker or the insurance company itself (see the Pro Forma Insurance Broker's Warranty).

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

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

15. Warranty

Add to Clause 15.2:

15.2 The warranty for this Contract shall remain valid for **twelve (12) months** after the goods and services have been delivered.

16. Payment

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

16.1 Payment of invoices will be made:

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

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

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

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

Add the following after clause 16.4

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

16.6 Advance Payment Not Applicable.

17. Prices

Add the following after clause 17.1

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

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

17.4 The prices for the goods delivered and services performed shall be subject to contract price adjustment and the conditions will be applicable as indicated in Schedule F.1.

- **Table A.2: Installation of Radio Equipment and ancillaries**
- **Table B.2: Installation of Tetra Equipment and ancillaries – Standard installation**
- **Table B.3: Installation of Tetra Equipment and ancillaries – NON - Standard installation**
- **Table C.2: Civils**
- **Table E.1: Labour Rates**

18. Contract Amendments

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

18. Contract Amendments and Variations

Add the following to clause 18.1:

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

20. Subcontracts

Add the following after clause 20.1:

- 20.2 The Supplier shall be liable for the acts, defaults and negligence of any subcontractor, his agents or employees as fully as if they were the acts, defaults or negligence of the Supplier.
- 20.3 Any appointment of a subcontractor shall not amount to a contract between the Purchaser and the subcontractor, or a responsibility or liability on the part of the Purchaser to the subcontractor and shall not relieve the Supplier from any liability or obligation under the Contract.

21. Delays in the supplier's performance

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

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

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

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

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

22. Penalties

Delete clause 22.1 and replace with the following:

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

The penalty for this contract relating to delivery of goods shall be determined as 5% on the purchase order value as per specification clause 5.16, further delays after 12 weeks will result in another 5% penalty, delays of 16 weeks and beyond will result in an additional 5% penalty. Total penalty points will not exceed 15% of the purchase order. Any further delays may result in Clause 23 being considered or applied.

The penalty for this contract relating to delivery of projects where the agreed upon project schedule is not met (project regarded as completed on Site Acceptance Test sign-off) shall be determined as 5% on the purchase order value as per late delivery of project by 1 month, further delays beyond 2 months will result in another 5% penalty, delays of 3 months and beyond will result in an additional 5% penalty. Total penalty points will not exceed 15% of the purchase order. Any further delays may result in Clause 23 being considered or applied. In the case of unforeseen issues causing late delivery of projects, it is the responsibility of the Supplier to timeously inform the City

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

23. Termination for default

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

23. Termination

Add the following to the end of clause 23.1:

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

Add the following after clause 23.7:

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

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

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

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

23.8.4 Reputational risk or harm to the Purchaser

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

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

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

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

26. Termination for insolvency

Delete clause 26.1 and replace with the following:

- 26.1 In the event of the Supplier becoming bankrupt or otherwise insolvent the Purchaser may elect to:
- 26.1.1 At any time, terminate the Contract by giving written notice to the Supplier; or
- 26.1.2 Accept a Supplier's proposal (via the liquidator) to render delivery utilising the appropriate contractual mechanisms or takes steps to ensure its rights are protected and any negative impact on service delivery is mitigated.
- 26.2 In the event of the Purchaser electing to cancel the Contract in accordance with clause 26.1.1 above, the Purchaser shall make payment of all verified and signed off invoices. In the event of there being any dispute in respect of any outstanding invoices such dispute shall be dealt with in accordance with the dispute resolution mechanism in the Contract.

27. Settlement of Disputes

Amend clause 27.1 as follows:

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

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

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

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

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

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

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

28. Limitation of Liability

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

- (a) notwithstanding any provision to the contrary contained in this contract, neither the supplier nor any of its officers, directors, employees, agents contractors, consultants or other representatives shall be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect, incidental, special or consequential loss or damage of any kind, including without limitation the loss of use, loss of production, or loss of profits or interest costs, loss of goodwill, lost or damaged data or software, costs of substitute products/services and/or loss of business or business opportunities (whether foreseeable or unforeseeable), provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser;
- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the sums insured in terms of clause 11 in respect of insurable events,

or where no such amounts are stated, to an amount equal to twice the Contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

Add the following after clause 28.1:

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

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

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

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

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

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

31. Notices

Delete clauses 31.1 and 31.2 and replace with the following:

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

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

32. Taxes and Duties

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

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

Add the following after clause 32.3:

32.4 The VAT registration number of the CCT is 4500193497.

ADDITIONAL CONDITIONS OF CONTRACT

Add the following Clause after Clause 34:

35. Reporting Obligations

35.1 The Supplier shall complete, sign and submit with each delivery note, all the documents as required in the

Specifications. Any failure in this regard may result in a delay in the processing of payments.

C.7 GENERAL CONDITIONS OF CONTRACT

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

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1. Definitions

1. The following terms shall be interpreted as indicated:

- 1.1 'Closing time' means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 'Contract' means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 'Contract price' means the price payable to the supplier under the contract for the full and proper performance of his or her contractual obligations.
- 1.4 'Corrupt practice' means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 'Countervailing duties' are imposed in cases in which an enterprise abroad is subsidised by its government and encouraged to market its products internationally.

- 1.6 'Country of origin' means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognised new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 'Day' means calendar day.
- 1.8 'Delivery' means delivery in compliance with the conditions of the contract or order.
- 1.9 'Delivery ex stock' means immediate delivery directly from stock actually on hand.
- 1.10 'Delivery into consignee's store or to his site' means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 'Dumping' occurs when a private enterprise abroad markets its goods on its own initiative in the RSA at lower prices than that of the country of origin, and which action has the potential to harm the local industries in the RSA.
- 1.12 'Force majeure' means an event beyond the control of the supplier, not involving the supplier's fault or negligence, and not foreseeable. Such events may include, but are not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 'Fraudulent practice' means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 'GCC' means the General Conditions of Contract.
- 1.15 'Goods' means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 'Imported content' means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 'Local content' means that portion of the bidding price which is not included in the imported content, provided that local manufacture does take place.
- 1.18 'Manufacture' means the production of products in a factory using labour, materials, components and machinery, and includes other, related value-adding activities.
- 1.19 'Order' means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 'Project site', where applicable, means the place indicated in bidding documents.
- 1.21 'Purchaser' means the organisation purchasing the goods.
- 1.22 'Republic' means the Republic of South Africa.
- 1.23 'SCC' means the Special Conditions of Contract.

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

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

2. Application

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

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

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

3. General

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

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

4. Standards

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

5. Use of contract documents and information; inspection.

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

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

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

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

6. Patent rights

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

7. Performance Security

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

- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 1.3 The performance security shall be denominated in the currency of the contract or in a freely convertible currency acceptable to the purchaser, and shall be in one of the following forms:
- a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - b) A cashier's or certified cheque.
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than 30 (thirty) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in the SCC.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organisation acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention of such is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or analysed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier, who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal, the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of the GCC.

9. Packing

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

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

10. Delivery and documents

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

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

11. Insurance

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

12. Transportation

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

13. Incidental Services

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

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

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

14. Spare parts

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

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

15. Warranty

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

15.2 This warranty shall remain valid for 12 (twelve) months after the goods, or any portion thereof, as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for 18 (eighteen) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in the SCC.

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

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

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

16. Payment

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

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

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

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

17. Prices

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

18. Contract Amendments

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

19. Assignment

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

20. Subcontracts

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

21. Delays in the supplier's performance

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

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

- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure, outside of the contract, small quantities of supplies; or to have minor essential services executed if an emergency arises, or the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.
- 21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
- 21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and, without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

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

23. Termination for default

- 23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
 - (b) if the supplier fails to perform any other obligation(s) under the contract; or
 - (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
- 23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than 14 (fourteen) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated 14 (fourteen) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
- 23.5 Any restriction imposed on any person by the Accounting Officer/Authority will, at the discretion of the Accounting Officer/Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person is or was, in the opinion of the Accounting Officer/Authority, actively associated.

- 23.6 If a restriction is imposed, the purchaser must, within 5 (five) working days of such imposition, furnish the National Treasury with the following information:
- (i) the name and address of the supplier and/or person restricted by the purchaser;
 - (ii) the date of commencement of the restriction;
 - (iii) the period of restriction; and
 - (iv) the reasons for the restriction.

These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

- 23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, Act 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period of not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction, and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

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

25. Force majeure

- 25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if, and to the extent that, his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 25.2 If a force majeure situation arises, the supplier shall notify the purchaser promptly, in writing, of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

26. Termination for insolvency

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

27. Settlement of Disputes

- 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the Parties shall make every effort to resolve such dispute or difference amicably, by mutual consultation.
- 27.2 If, after 30 (thirty) days, the Parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.

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

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

- (a) the Parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
- (b) the purchaser shall pay the supplier any monies due to the supplier.

28. Limitation of Liability

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

- (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and
- (b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

29. Governing language

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

30. Applicable Law

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

31. Notices

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

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

32. Taxes and Duties

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

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

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

33. National Industrial Participation (NIP) Programme

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

34 Prohibition of Restrictive practices

34.1 In terms of section 4 (1) (b) (iii) of the Competition Act, Act 89 of 1998, as amended, an agreement between or concerted practice by firms, or a decision by an association of firms, is prohibited if it is between Parties in a horizontal relationship and if a bidder(s) is/are or a contractor(s) was/were involved in collusive bidding (or bid rigging).

- 34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has/have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act, Act 89 of 1998.
- 34.3 If a bidder(s) or contractor(s) has/have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and/or terminate the contract in whole or part, and/or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding 10 (ten) years and/or claim damages from the bidder(s) or contractor(s) concerned.

C.8 ANNEXURES

Annexure A – Pro Forma Insurance Broker’s Warranty



Letterhead of supplier’s Insurance Broker

Date _____

CCT
City Manager
Civic Centre
12 Hertzog Boulevard
Cape Town
8000

Dear Sir

TENDER NO.: 235G/2023/24

TENDER DESCRIPTION: SUPPLY, DELIVERY AND/OR INSTALLATION AND/OR COMMISSIONING OF EXPANSIONS TO CCT ETSI TETRA DIGITAL RADIO TRUNKING INFRASTRUCTURE

NAME OF SUPPLIER: _____

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

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

Yours faithfully

Signed: _____

For: _____ (Supplier’s Insurance Broker)

MONTHLY PROJECT LABOUR REPORT



BENEFICIARY DETAILS AND WORK INFORMATION

CONTRACT OR WORKS PROJECT NUMBER:

Year	Month

Sheet		
1	of	

No.	(8) First name	(8) Surname	(8) ID number	(9) New Beneficiary (Y/N)	Gender (M/F)	Disabled (Y/N)	(10) Job seeker database (Y/N)	Contract start date (DDMMYY)	(11) Contract end date (DDMMYY)	(12) No. days worked this month (excl. training)	(13) Training days	(14) Rate of pay per day (R - c)
1												
2												
3												
4												
5												
6												
7												
8												
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0 0 R -

Declared by Contractor or Vendor to be true and correct:	Name		Signature	
	Date			

Received by Employer's Agent / Representative:	Name		Signature	
	Date			

Annexure C - Pro Forma Performance Security/ Guarantee

GUARANTEE PERFORMANCE SECURITY

NOT APPLICABLE

Annexure D - Pro Forma Advance Payment Guarantee

ADVANCE PAYMENT GUARANTEE

NOT APPLICABLE

Approved Financial Institution as at 28 February 2023:

NOT APPLICABLE

Schedule F.1: Contract Price Adjustment

The Contract Price Adjustment (CPA) will be applicable in this tender for the below Schedules as advised in the Price Schedule.

- **Table A.2: Installation of Radio Equipment and ancillaries**
- **Table B.2: Installation of Tetra Equipment and ancillaries – Standard installation**
- **Table B.3: Installation of Tetra Equipment and ancillaries – NON - Standard installation**
- **Table C.2: Civils**
- **Table E.1: Labour Rates**

- 1.1 The Contract Price Adjustment mechanism and/or provisions relating to Rate of Exchange Variation, contained in this schedule is compulsory and binding on all tenderers.
- 1.2 Failure to complete this schedule or any part thereof may result in the tender offer being declared non-responsive.
- 1.3 Tenderers are not permitted to amend, vary, alter or delete this schedule or any part thereof unless otherwise stated in this schedule, failing which the tender offer shall be declared non-responsive.
- 1.4 Tenderers are not permitted to offer firm prices except as provided for in the Price Schedule, and if the tenderer offers firm prices in contravention of this clause the tender offer shall be declared non-responsive.
- 1.5 Any claim for an increase in the Contract price shall be submitted in writing to the: Director Supply Chain Management, City of Cape Town, P O Box 655, Cape Town, 8000 or
by email to: CPA.Request@capetown.gov.za and Irfaan.Hamdulay@capetown.gov.za and Lawrence.Mtileni@capetown.gov.za.
prior to the month upon which the price adjustment would become effective.
- 1.6 The CCT reserves the right to withhold payment of any claim for contract price adjustment while only provisional figures are available and until the final (revised) figures are issued by the relevant authority.
- 1.7 When submitting a claim for contract price adjustment a supplier shall indicate the actual amount claimed for each item. A mere notification of a claim for contract price adjustment without stating the new price claimed for each item shall, for the purpose of this clause, not be regarded as a valid claim.
- 1.8 The CCT reserves the right to request the supplier to submit auditor's certificates or such other documentary proof as it may require in order to verify a claim for contract price adjustment. Should the supplier fail to submit such auditor's certificates or other documentary proof to the CCT within a period of **30 (thirty) days** from the date of the request, it shall be presumed that the supplier has abandoned his claim.
- 1.9 The effective date of any price increases granted will be the date on which the abovementioned documentation/claim is submitted or, by agreement between the Contractor and the City, a subsequent date on which the price increase will be effective.
- 1.10 In instances where the Contractor's price claimed is less than entitled, the lesser price will be accepted.
- 1.11 The CCT reserves the right to apply the indices available at the date of the claim submitted by the Contractor.
- 1.12 **Process that will be followed:**

- Contractor submits all the documentation indicated above prior to the effective date of the variation.
- The City will consider the variation and based on the documentary evidence, the City may approve the variation.
- Letters authorising the price variation will be communicated to the contractor indicating the effective date.
- All purchase orders for the contracted goods shall be issued at, and the Goods supplied, invoiced and paid for at the contract unit prices approved for that period and no further contract price adjustment claims will be considered, irrespective of the actual month of delivery and whether or not deliveries were subject to any manufacturing or delivery delays.
- All purchase orders from the effective date will be generated at the approved contract price. Purchase orders placed prior to the effective date will not be varied.

1.13 **Price Adjustment Mechanism:**

1.13.1 The Contract Price as per GCC shall remain **Firm** for the first 12 months from date of commencement of the contract and no claims for contract price adjustment will be considered for the first 12 months' subject to the provisions in the price schedule.

1.13.2 Subject to 8.11.1. Above, Contract Price Adjustment will be applicable as from commencement of the 13 month of the contract. Contractors shall be entitled to claim contract price adjustment as follows:

1.13.3 **10%** of the rate will remain fixed for the duration of the contract.

1.13.4 **90%** of the year on year rate will be subject to adjustment **annually** based on the average percentage of 12 months as published by STATSSA: Consumer Price Index (P0141–Table B2 – CPI headline year-on-year rates) as follows:

From start of 13th month to the end of the 24th month: Subject to contract price adjustment in accordance with the **Consumer Price Index (P0141–Table B2 – CPI headline year-on-year rates)**. **Base month** for the price adjustment shall be two (2) calendar months prior to the date of commencement. The **end month** shall be two (2) calendar months prior to the 12th month.

From start of 25th month to end of the C: Subject to the contract price adjustment in accordance with the **Consumer Price Index (P0141–Table B2 – CPI headline year-on-year rates)**. **Base month** for the price adjustment shall be two (2) calendar months prior to the 13th month. The **end month** shall be two (2) calendar months prior to 24th month.

The **average CPI percentage** will be calculated, the base month to the end month (both included) divided by the number of months.

Example:

The claim will be based on the **average** between the “base month” and the “end month” **e.g.:**
 $7+6+9+6 = 28$ ($28/4$) = 7 therefore the claim will be 7%.

Schedule F.2: Certificate of Authority for Partnerships/ Joint Ventures/ Consortia

This schedule is to be completed if the tender is submitted by a partnership/joint venture/ consortium.

1. We, the undersigned, are submitting this tender offer as a partnership/ joint venture/ consortium and hereby authorize Mr/Ms _____, of the authorised entity _____, acting in the capacity of Lead Partner, to sign all documents in connection with the tender offer and any contract resulting from it on the partnership/joint venture/ consortium’s behalf.

2. By signing this schedule the partners to the partnership/joint venture/ consortium:
 - 2.1 warrant that the tender submitted is in accordance with the main business and objectives of the partnership/joint venture/ consortium;
 - 2.2 agree that the CCT shall make all payments in terms of this Contract into the following bank account of the Lead Partner:
 Account Holder: _____
 Financial Institution: _____
 Branch Code: _____
 Account No.: _____
 - 2.3 agree that in the event that there is a change in the partnership/ joint venture/ consortium and/or should a dispute arise between the partnership/joint venture/ consortium partners, that the CCT shall continue to make any/all payments due and payable in terms of the Contract into the aforesaid bank account until such time as the CCT is presented with a Court Order or an original agreement (signed by each and every partner of the partnership/joint venture/ consortium) notifying the CCT of the details of the new bank account into which it is required to make payment.
 - 2.4 agree that they shall be jointly and severally liable to the CCT for the due and proper fulfilment by the successful tenderer/supplier of its obligations in terms of the Contract as well as any damages suffered by the CCT as a result of breach by the successful tenderer/supplier. The partnership/joint venture/ consortium partners hereby renounce the benefits of excussion and division.

SIGNED BY THE PARTNERS OF THE PARTNERSHIP/ JOINT VENTURE/ CONSORTIUM		
NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner		Signature..... Name..... Designation.....
		Signature..... Name..... Designation.....
		Signature..... Name..... Designation.....
		Signature..... Name..... Designation.....

Note: A copy of the Joint Venture Agreement shall be appended to *List of Other Documents Attached by Tenderer Schedule*.

Schedule F.3: Declaration for Procurement above R10 million

If the value of the transaction is expected to exceed R10 million (VAT included) the tenderer shall complete the following questionnaire, attach the necessary documents and sign this schedule:

1. Are you by law required to prepare annual financial statements for auditing? **(Please mark with X)**

YES		NO	
-----	--	----	--

If YES, submit audited annual financial statements:

- (i) For the past three years, or
- (ii) Since the date of establishment of the tenderer (if established during the past three years)

By attaching such audited financial statements to **List of Other Documents Attached by Tenderer Schedule**.

2. Do you have any outstanding undisputed commitments for municipal services towards the CCT or other municipality in respect of which payment is overdue for more than 30 (thirty) days? **(Please mark with X)**

YES		NO	
-----	--	----	--

2.1 If NO, this serves to certify that the tenderer has no undisputed commitments for municipal services towards any municipality for more than three (3) (three) months in respect of which payment is overdue for more than 30 (thirty) days.

2.2 If YES, provide particulars:

3. Has any contract been awarded to you by an organ of state during the past five (5) years? **(Please mark with X)**

YES		NO	
-----	--	----	--

If YES, insert particulars in the table below including particulars of any material non-compliance or dispute concerning the execution of such contract. Alternatively attach the particulars to **List of Other Documents Attached by Tenderer** schedule in the same format as the table below:

Organ of State	Contract Description	Contract Period	Non-compliance/dispute (if any)

4. Will any portion of the goods or services be sourced from outside the Republic, and if so, what portion and whether any portion of payment from the CCT is expected to be transferred out of the Republic? **(Please mark with X)**

YES		NO	
-----	--	----	--

If YES, furnish particulars below

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.4: Preference Points Claim Form In Terms Of the Preferential Procurement Regulations 2022

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to invitations to tender:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

[Either the 90/10 or 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

- 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	80/90
SPECIFIC GOALS	20/10
Total points for Price and SPECIFIC GOALS	100

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

The following definitions shall apply to this schedule:

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

POINTS AWARDED FOR PRICE

THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

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

80/20 or 90/10

Or

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

POINTS AWARDED FOR PRICE

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

80/20 or 90/10

Or

Where:

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

5. POINTS AWARDED FOR SPECIFIC GOALS

5.1 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:

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

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

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

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

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

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

The specific goals allocated points in terms of this tender	To be Completed by the Organ of State		To be Completed by the Tenderer	
	Number of points Allocated (90/10 system)	Number of points Allocated (80/20 system)	Number of points claimed (90/10 system)	Number of points claimed (80/20 system)
Gender	3	5		
Race	3	5		
Disability	1	3		
Promotion of Micro and Small Enterprises	3	7		

DECLARATION WITH REGARD TO COMPANY/FIRM

5.3 Name of company/firm.....

5.4 Company registration number:

5.5 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]

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

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 4.1 and 4.2, the Supplier may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or Supplier, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

<i>Signature of Tenderer</i>	<i>Date</i>	<i>Name and Surname</i>	<i>Address</i>

For official use.		
SIGNATURE OF CCT OFFICIALS AT TENDER OPENING		
1.	2.	3.

Schedule F.5: Declaration of Interest – State Employees (MBD 4 amended)
--

1. No bid will be accepted from:
 - 1.1 persons in the service of the 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 (CCT) during the previous twelve (12) months, or
 - 1.4 from an entity who has employed a former CCT employee who was at a level of T14 or higher at the time of leaving the CCT's employ and involved in any of the CCT's bid committees for the bid submitted, if:
 - 1.4.1 the CCT employee left the CCT's employment voluntarily, during the previous twelve (12) months;
 - 1.5 a person who was a CCT employee, or an entity that employs a CCT employee, if
 - 1.5.1 the CCT employee left the CCT's employment whilst under investigation for alleged misconduct, or
 - 1.5.2 was facing disciplinary action or potential disciplinary action by the CCT, or
 - 1.5.3 was involved in a dispute against the CCT during the previous thirty six (36) months.

2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the tenderer or their authorised representative declare their position in relation to the evaluating/adjudicating authority.

3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.
 - 3.1 Full Name of tenderer or his or her representative: _____
 - 3.2 Identity Number: _____
 - 3.3 Position occupied in the Company (director, trustee, 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 tenderer and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**
 - 3.11.1 If yes, furnish particulars: _____
 - 3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**
 - 3.12.1 If yes, furnish particulars: _____

- 3.13 Are any spouse, child or parent of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**
 3.13.1 If yes, furnish particulars: _____
- 3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract? **YES / NO**
 3.14.1 If yes, furnish particulars: _____
- 3.15 Have you, or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company been in the service of the CCT in the past twelve months? **YES / NO**
 3.15.1 If yes, furnish particulars: _____
- 3.16 Do you have any employees who was in the service of the CCT at a level of T14 or higher at the time they left the employ of the CCT, and who was involved in any of the CCT's bid committees for this bid? **YES / NO**
 3.16.1 If yes, furnish particulars: _____

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

Full Name	Identity Number	State Employee Number

If the above table does not sufficient to provide the details of all directors / trustees / shareholders, please append full details to the tender submission.

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

 Signature
 Print name: _____ Date
 On behalf of the tenderer (duly authorised)

¹MSCM Regulations: "in the service of the state" means to be –

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

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

Schedule F.6: Conflict of Interest Declaration

1. The tenderer shall declare whether it has any conflict of interest in the transaction for which the tender is submitted. **(Please mark with X)**

YES		NO	
-----	--	----	--

1.1 If yes, the tenderer is required to set out the particulars in the table below:

2. The tenderer shall declare whether it has directly or through a representative or intermediary promised, offered or granted:

2.1 Any inducement or reward to the CCT for or in connection with the award of this contract; or

2.2 Any reward, gift, favour or hospitality to any official or any other role player involved in the implementation of the supply chain management policy. **(Please mark with X)**

YES		NO	
-----	--	----	--

If yes, the tenderer is required to set out the particulars in the table below:

Should the tenderer be aware of any corrupt or fraudulent transactions relating to the procurement process of the CCT, please contact the following:

The CCT's anti-corruption hotline at 0800 32 31 30 (toll free)

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.7: Declaration of Tenderer's Past Supply Chain Management Practices (MBD 8)

Where the entity tendering is a partnership/joint venture/consortium, each party to the partnership/joint venture/consortium must sign a declaration in terms of the Municipal Finance Management Act, Act 56 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:
- a) abused the municipality's / municipal entity's supply chain management system or committed any fraudulent conduct in relation to such system;
 - b) been convicted for fraud or corruption during the past five years;
 - c) willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d) been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004) or Database of Restricted Suppliers.
- 2 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
2.1	<p>Is the tenderer or any of its directors/members listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.1.1	If so, furnish particulars:		
2.2	<p>Is the tenderer or any of its directors/members listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004) or Database of Restricted Suppliers?</p> <p>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.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.2.1	If so, furnish particulars:		
2.3	<p>Was the tenderer or any of its directors/members convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2.3.1	If so, furnish particulars:		
Item	Question	Yes	No

2.4	Does the tenderer or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
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 <input type="checkbox"/>	No <input type="checkbox"/>
2.5.1	If so, furnish particulars:		

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract,, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.8: Authorisation for the Deduction of Outstanding Amounts Owed to the CCT

To: THE CITY MANAGER, City of Cape Town

From: _____
(Name of tenderer)

RE: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CCT

The tenderer:

- a) hereby acknowledges that according to SCM Regulation 38(1)(d)(i) the City Manager may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the tenderer (or any of its directors/members/partners) to the CCT, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months; and
- b) therefore hereby agrees and authorises the CCT to deduct the full amount outstanding by the Tenderer or any of its directors/members/partners from any payment due to the tenderer; and
- c) confirms the information as set out in the tables below for the purpose of giving effect to b) above;

Physical Business address(es) of the tenderer	Municipal Account number(s)	Inside the CCT municipal boundary (Yes/No)

If there is not enough space for all the names, please attach the information to **List of other documents attached by tenderer** schedule in the same format:

Name of Director / Member / Partner	Identity Number	Physical residential address of Director / Member / Partner	Municipal Account number(s)	Inside the CCT municipal boundary (Yes/No)

The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the CCT of any other remedies available to it.

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

<h2>Schedule F.9: Certificate of Independent Tender Determination</h2>
--

I, the undersigned, in submitting this **Tender Number: 235G/2022/23 and Tender Description: SUPPLY, DELIVERY AND/OR INSTALLATION AND/OR COMMISSIONING OF EXPANSIONS TO CCT ETSI TETRA DIGITAL RADIO TRUNKING INFRASTRUCTURE** in response to the tender invitation made by THE CCT, do hereby make the following statements, which I certify to be true and complete in every respect:

I certify, on behalf of: _____ (Name of tenderer) that:

1. I have read and I understand the contents of this Certificate;
2. I understand that this tender will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorised by the tenderer to sign this Certificate, and to submit this tender, on behalf of the tenderer;
4. Each person whose signature appears on this tender has been authorised by the tenderer to determine the terms of, and to sign, the tender on behalf of the tenderer;
5. For the purposes of this Certificate and this tender, I understand that the word 'competitor' shall include any individual or organisation other than the tenderer, whether or not affiliated with the tenderer, who:
 - (a) has been requested to submit a tender in response to this tender invitation;
 - (b) could potentially submit a tender in response to this tender invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the tenderer and/or is in the same line of business as the tenderer.
6. The tenderer has arrived at this tender independently from and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium¹ will not be construed as collusive price quoting.
7. In particular, without limiting the generality of paragraphs 5 and 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation);
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit a tender;
 - (e) the submission of a tender which does not meet the specifications and conditions of the tender; or
 - (f) tendering with the intention not to win the contract.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this tender invitation relates.
9. The terms of this tender have not been and will not be disclosed by the tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to tenders and contracts, tenders that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act, Act 89 of 1998, and/o/r may be reported to the National Prosecuting Authority (NPA) for criminal investigation, and/or may be restricted from conducting business with the public sector for a period not exceeding 10 (ten) years in terms of the Prevention and Combating of Corrupt Activities Act, Act 12 of 2004, or any other applicable legislation.

Signature

Print name:

On behalf of the tenderer (duly authorised)

Date

(¹ Consortium: Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the

execution of a contract.)

Schedule F.10: Proposed Deviations And Qualifications By Tenderer
--

The Tenderer should record any **proposed** deviations or qualifications they may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such proposed deviations and qualifications in a covering letter attached to his tender and reference such letter in this schedule. Any proposed deviations or qualifications contained in a covering letter which is not referenced in this schedule will not be considered.

The Tenderer’s attention is drawn to clause 2.3.7.2 of the Standard Conditions of Tender referenced in the Tender Data regarding the CCT’s handling of material deviations and qualifications.

If no deviations or qualifications are proposed, the schedule hereunder is to be marked NIL and signed by the Tenderer.

PAGE	CLAUSE OR ITEM	PROPOSED DEVIATION OR QUALIFICATION

List relevant documentation attached in Schedule F.10 below.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.11: List of Other Documents Attached By Tenderer
--

The tenderer has attached to this schedule, the following additional documentation:

	Date of Document	Title of Document or Description (refer to clauses / schedules of this tender document where applicable)
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		

Attach additional pages if more space is required.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.12: Record of Addenda to Tender Documents

We confirm that the following communications received from the CCT before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

 Signature
 Print name:
 On behalf of the tenderer (duly authorised)

 Date

Schedule F.13: Information to Be Provided With the Tender

The following information shall be provided with the Tender:

1. Mandatory Requirements

- a) The Tenderer must supply valid ICASA Type Approval certification for TETRA Base Transceiver and Microwave Radio equipment. must supply valid ICASA Type Approval certification for TETRA Base Transceiver and Microwave Radio equipment. **Failure to provide valid ICASA Type approval certification at the closing of the tender will deem the Tenderer non-responsive.**
- b) Tenderers and/or it's sub-contractors **must** be authorised by the OEM (Manufacturer or Distributor) and provide a valid letter indicating authorisation to provide and support the following equipment:
 - TETRA Base Transceiver, Mobile Switching Office and Dispatching Consoles (Motorola or equivalent)
 - Microwave Radio equipment (Ceragon or equivalent)
 - Voice logging equipment (Datavoice or equivalent)
 - Subscriber Tracking system (Safe Mobile or equivalent)

NOTE: a confirmation letter from the OEM or authorised Distributor must be provided in this schedule on a letterhead by the OEM, showing the name of the bidder and sub-contractor confirming authorisation and support, manage any warranty processes and escalations, as and when required.

- c) Offered equipment **must** be fully compatible and interoperable with existing infrastructure (hardware and software)

Where offered equipment are for equivalent OEM, the bidder must provide evidence such as a confirmation letter that the equivalent OEM is fully compatible and interoperable with the existing equipment (hardware and software). As per specification clause 5.15.

- d) In the event where the Tenderer utilises sub-contractors for specific authorised support services then sub-contracting agreements or confirmation letter is to be provided and attached to this schedule. Permission and agreement between the Tenderer and the sub-contractor indicating the relevant authorised support service is required.
- e) Letter from the City Radio Trunking OEM (Original Equipment Manufacturer) that the offered Switching, Firewall and Server equipment is approved for use in the City Radio Trunking network.
- f) Proof of certification by the OEM/Distributor that the Tenderer is authorised to provide and support the identified product or solution for the following tender items:
 - **Table A.1: Supply of Radio Equipment and Ancillaries**
 - **Table A.3: Supply of Networking Equipment and Ancillaries**
 - **Table B.1: Supply of TETRA Equipment and Ancillaries**
 - **Table C.1: Electrical and Mechanical Works**

2. Specification Requirement 5.6.1

Full technical brochures and where applicable, drawings in respect of all equipment offered for Pricing Schedule sections A1, A3, B1 and C1 (Radio, Networking, TETRA and Electrical and Mechanical equipment).

3. Specification Requirement 5.10.1

List of critical spares that need to be held by the City to enable the City to meet its uptime requirements.

4. Specification Requirement 5.14.2.9

Relevant technical documentation and brochures for offered generators.

Schedule F.13A: Specification Requirement 5.12.2

Please submit information on how microwave radio equipment will interface with existing equipment (Ceragon) and demonstrate the functionality.

Tenderer's Response

A large, empty rectangular box with a thin black border, intended for the tenderer to provide their response to the specification requirement. The box occupies most of the page below the 'Tenderer's Response' header.

Schedule F.13B: Specification Requirement: 5.12.8.16 and 5.12.9.3

The equipment offered shall be expandable to at least 1000 Mb/s. Tenderers shall provide detail of how this is achieved.

Tenderer's response

Schedule F.13C: Specification Requirement: 5.12.11.1

Please provide Error! Reference source not found.

Tenderer's response

Empty response box for the tenderer's response.

Schedule F.13D: Specification Requirement: 5.13.2.1

Tenderers shall provide the licence cost per 1 000 users to further expand the user base. Should there be any hardware requirements, tenderers must provide the full extent of requirements.

Tenderer's response

Schedule F.13E: Specification Requirement: 5.13.2.2

The system must be fully equipped and licensed to provide 41 BTS sites with encryption and authentication. Tenderers shall provide the licence cost per 4 additional sites to further expand the BTS sites. Should there be any hardware requirements, tenderers must provide the full extent of requirements.

Tender's response

Empty response box for tenderer's input.

Schedule F.13F: Specification Requirement: 5.13.4.1

The system must be fully equipped and licensed to operate 11 dispatching console sites. Tenderers shall provide the licence cost per site to further expand the user base. Should there be any hardware requirements, tenderers must provide the full extent of requirements in this Schedule.

Tenderer's response

Schedule F. 13G: Specification Requirement: 5.15

Please provide information on equivalent solutions.

Tenderer's response

Signature
Print name:
On behalf of the tenderer (duly authorised)

Date

Schedule F.14: Appeal Application

annexure 'B'

OFFICIAL RECEIPT
(Valid only if printed
by official cash
receiving machine)

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(Isemthethweni kuphela
xa ishicilelwe
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SERVICE DEPARTMENT DETAILS-

DEPARTMENT: LEGAL SERVICES: APPEALS UNIT

CONTACT PERSON: CHARLENE CEBEKHULU / MELANIE CLOETE

PHONE NO: 021 400 2503 / 021 400 3788

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IRISITI ESESIKWENI
(Isemthethweni kuphela
xa ishicilelwe
ngumatshini wokukhupa
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(Geldig alleenlik indien deur
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PHONE NO: 021 400 2503 / 021 400 3788

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