

TENDER DOCUMENT GOODS AND SERVICES		 CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD
SUPPLY CHAIN MANAGEMENT		
SCM - 542	Approved by Branch Manager: 10/04/2017	Version: 7.1 Page 1 of 162

TENDER NO: 135S/2019/20

SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES

CONTRACT PERIOD: From date of commencement of contract until 30 June 2025

CLOSING DATE: 12 December 2019

CLOSING TIME: 10:00 a.m.

**TENDER BOX
NUMBER:** 129

TENDER FEE:

R 200 Non-refundable tender fee payable to 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~~	
TRADING AS (if different from above)	

P.O BOX
EMAIL:
TEL:

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

TABLE OF CONTENTS

(1) GENERAL TENDER INFORMATION.....	3
(2) DETAILS OF TENDERER.....	4
(3) FORM OF OFFER AND ACCEPTANCE.....	5
(4) PRICE SCHEDULE.....	8
(5) SPECIFICATION(S)	43
(6) CONDITIONS OF TENDER	72
(7) SPECIAL CONDITIONS OF CONTRACT	92
(8) GENERAL CONDITIONS OF CONTRACT	99
(9) SUPPORTING SCHEDULES	109
SCHEDULE 1: CERTIFICATE OF AUTHORITY FOR PARTNERSHIPS/ JOINT VENTURES/ CONSORTIUMS.....	109
SCHEDULE 2: DECLARATION FOR PROCUREMENT ABOVE R10 MILLION.....	110
SCHEDULE 3: PREFERENCE SCHEDULE	112
SCHEDULE 4: DECLARATION OF INTEREST – STATE EMPLOYEES (MBD 4)	117
SCHEDULE 5: CONFLICT OF INTEREST DECLARATION	119
SCHEDULE 6: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES (MBD 8)	120
SCHEDULE 7: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CITY OF CAPE TOWN.....	122
SCHEDULE 8: CONTRACT PRICE ADJUSTMENT AND/OR RATE OF EXCHANGE VARIATION	123
SCHEDULE 9: OCCUPATIONAL HEALTH AND SAFETY AGREEMENT	124
SCHEDULE 10: CERTIFICATE OF INDEPENDENT TENDER DETERMINATION	125
SCHEDULE 11: LOCAL CONTENT DECLARATION / ANNEXURE C.....	126
SCHEDULE 12: PRICE BASIS FOR IMPORTED RESOURCES – NOT USED	131
SCHEDULE 13: SCHEDULE OF PRE-QUALIFICATION CRITERIA SUB-CONTRACTORS – NOT USED	132
SCHEDULE 14: LIST OF OTHER DOCUMENTS ATTACHED BY TENDERER	133
SCHEDULE 15: RECORD OF ADDENDA TO TENDER DOCUMENTS.....	134
SCHEDULE 16: INFORMATION TO BE PROVIDED WITH THE TENDER	135
(10) CONTRACT DOCUMENTS	148
ANNEXURE 1: FORM OF GUARANTEE / PERFORMANCE SECURITY – NOT USED.....	148
ANNEXURE 2: FORM OF ADVANCE PAYMENT GUARANTEE – NOT USED.....	149
ANNEXURE 2A: ADVANCE PAYMENT SCHEDULE	150
ANNEXURE 3: MONTHLY PROJECT LABOUR REPORT (EXAMPLE)	151
ANNEXURE 4: BBBEE SUB-CONTRACT EXPENDITURE REPORT (PRO FORMA)	153
ANNEXURE 5: PARTNERSHIP/ JOINT VENTURE (JV) / CONSORTIUM/ EXPENDITURE REPORT (PRO FORMA).....	154
ANNEXURE 6: INSURANCE BROKER'S WARRANTY (PRO FORMA).....	155
ANNEXURE 7: PERFORMANCE LEVEL AGREEMENTS: FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES.....	156
ANNEXURE 8: FAULT SEVERITY CLASSIFICATION: FIRE ALARM SYSTEMS.....	157

PO BOX
EMAIL:
TEL

(1) GENERAL TENDER INFORMATION

- TENDER ADVERTISED** : 08 NOVEMBER 2019
- SITE VISIT/CLARIFICATION MEETING** : 27 November 2019 @ 10:00
Compulsory Clarification Meeting – Only Tenderers attending the Clarification Meeting and signed the attendance register at the meeting will be allowed to submit a tender response
- VENUE FOR SITE VISIT/CLARIFICATION MEETING** : NCC Boardroom,
- TENDER BOX & ADDRESS** : Tender Box as per front cover at the Tender & Quotation Boxes Office,
- : The Tender Document (which includes the Form of Offer and Acceptance) completed in all respects, plus any additional supporting documents required, must be submitted in a sealed envelope with the name and address of the tenderer, the endorsement "TENDER NO. 135S/2019/20 - SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES., the tender box No. and the closing date indicated on the envelope. The sealed envelope must be inserted into the appropriate official tender box before closing time.
- If the tender offer is too large to fit into the abovementioned box or the box is full, please enquire at the public counter (Tender Distribution Office) for alternative instructions. It remains the tenderer's responsibility to ensure that the tender is placed in either the original box or as alternatively instructed.

CCT TENDER REPRESENTATIVE@capetown.gov.za

(2) DETAILS OF TENDERER**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	P.O. Box 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	
City of Cape Town Supplier Database Registration Number (See Conditions of Tender)	
National Treasury Central Supplier Database registration number (See Conditions of Tender)	

(3) FORM OF OFFER AND ACCEPTANCE**TENDER 135S/2019/20 - SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES.****PART A (TO BE FILLED IN BY TENDERER):****2.1 Required Details** (Please provide applicable details in full):

Name of Tendering Entity* ("the tenderer")	
Trading as (if different from above)	

AND WHO IS represented herein by: (full names of signatory)

duly authorised to act on behalf of the tenderer in his capacity as: (title/ designation)

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

- confirms that it has examined the documents listed in the Index (including Schedules and Annexures) and has accepted all the Conditions of Tender;
- confirms that it has received and incorporated any and all notices issued to tenderers issued by the CCT;
- 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;
- 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:
 - terms and conditions stipulated in this tender document;
 - specifications stipulated in this tender document; and
 - at the prices as set out in the Price Schedule (**Section 4**).
- accepts full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on it in terms of the Contract.

Signature(s)

Print name(s):

On behalf of the tenderer (duly authorised)

11th Dec. 2019.

Date

INITIALS OF CITY OFFICIALS

P.O BOX
EMAIL:

TEL:

FORM OF OFFER AND ACCEPTANCE (continued)

TENDER 135S/2019/20 - SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES.

PART B (TO BE FILLED IN BY THE CITY OF CAPE TOWN)

By signing this *Form of Offer and Acceptance* the City of Cape Town (also referred to as the 'Purchaser'):

1. accepts the offer submitted by (DETAILS OF SUCCESSFUL TENDERER, ALSO REFERRED TO AS THE "SUPPLIER") _____, thereby concluding a contract with the supplier for a contract period from date of commencement and terminating on **30 June 2025**;
2. undertakes to make payment for the goods/services delivered in accordance with the terms and conditions of the Contract.

SIGNED AT _____ ON THIS THE _____ DAY OF _____ 20____
(PLACE) (DD) (MM) (YY)

Signature(s) and stamp of
Executive Director or his/ her delegated authority

Print name(s):
(duly authorised in terms of the System
of Delegations as approved by Council)

FORM OF OFFER AND ACCEPTANCE (continued)

(TO BE FILLED IN BY THE CITY OF CAPE TOWN)

Schedule of Deviations

Notes:

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

1 Subject

Details

2 Subject

Details

3 Subject

Details

4 Subject

Details

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

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

x

(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".

All descriptions or clauses where trade names or proprietary products are specified herein, are deemed to include the phrase "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 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 (or rates, in the case of rate categories if provided) 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 evaluated as a nil rate having been entered against that item, i.e. that there is no charge for that item.**
- 4.6 Provide fixed rates and prices for the duration of the contract that are not subject to adjustment except as otherwise provided for in clause 17 of the Conditions of Contract and as amplified in the Special Conditions of Contract.
- 4.7 The completion of the Pricing Schedule requires the following information:
 - In the following pricing schedules where requested Tenderers are required to respond with their chosen Original Equipment Manufacturer (OEM) or Distributor of the proposed goods and the **Mark-Up percentage** which will be applied to the OEM's list price of an item
Mark-up Value – the amount that the Tenderer adds to the OEM (Original Equipment Manufacturer) price in Rand.
Mark-up percentage (%) – This is the Mark-up Value as expressed as a percentage (%) of the OEM price by applying the formula:

$$\text{Mark-up \%} = (\text{Mark-up value} \div \text{OEM Price}) \times 100$$
Final Price – This is the price that will be invoiced to the City and is calculated by the formula:

$$\text{Final Price} = \text{OEM Price} + \text{Mark-Up Value}$$
 (All tendered rates must be in Rand (ZAR) and exclude VAT).

- 4.8 Should the tenderer be unable to provide the goods and/or services in accordance with (8) **GENERAL CONDITIONS OF CONTRACT OR (7) SPECIAL CONDITIONS OF CONTRACT** OR not be able to provide services and goods in accordance with the Performance Level Agreements in **ANNEXURE 7: Performance Level Agreements: FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES**, the goods and/or services will be procured from an alternative service provider.

- 4.9 In section (5) **SPECIFICATION(S)**, general specification appears. Tenderers must refer to these specifications where indicated in Schedule 16: Information to Be Provided with the Tender. This evidence is **PLEASE NOTE – The provision of a Tenderers evidence**

crucial so as to ensure that a tender submission is considered to be responsive and move forward to the evaluation of submitted tenders.

- 4.10 This tender consists of three schedules ie. **Schedule A:** Supply of Existing Fire Alarm Systems, Equipment and Ancillaries; **Schedule B:** Supply of New Fire Alarm Systems, Equipment and Ancillaries and **Schedule C:** Installation, Upgrades and Maintenance of Fire Alarm Systems, Equipment and Ancillaries. Tenderers must submit bids for all schedules and complete the requested pricing schedules in order to be considered for evaluation. All Schedules A, B and C will be awarded together, where possible, to a primary Tenderer, in accordance with 4.8 above.
- 4.11 It is the intention of the City of Cape Town to award this tender subject to application of Section 33 of the Local Government Municipal Finance Management Act 56 of 2003, for 5 (five) years, whereby this tender will be valid for a period longer than the regulatory condition of only three (3) financial years. The tender will be valid for the initial period of 3-years but not exceeding the 3rd financial year from contract commencement date. Thereafter, an additional 2-year term will apply subject to the City of Cape Town's Council approval and successful application of the MFMA Section 33 process during the award phase of the tender.
- 4.12 The award of this tender is from the date of commencement for a contract duration spanning 5 of the City's financial years. The City's financial year begins on the 1st July of the calendar year and ends on 30th June of the following calendar year. This means that the first year of the award ("Year 1") may be less than 12 calendar months. "Year 1" therefore means the period of time from the date of award until the end of the month of June; "Year 2" means the next twelve-month period coinciding with the next full financial year; and so on. "Year 5" will end on 30 June of the fifth financial year of the contract term. The contract period will only be for full 5 years' months if the commencement date is 1 July 2020.
- 4.13 The tender provides a "like for like" replacement or equivalent, fully compatible with the existing software/systems/equipment/ancillaries and the onus is on the Tenderer to ensure that where an equivalent is proposed, it must seamlessly integrate into the existing configured environment, including the Facilities Management Enterprise System [FMES], with no disruption to operational continuity and at no additional cost to CTT.
- 4.14 The Tenderer shall take note that any discount percentage offered in the Pricing Schedules shall be fixed for the duration of the contract period, and therefore cannot be subject to any conditions. The Tenderer is under no obligation to offer any percentage discount and if the percentage discount column is left blank for an item, then it is understood that no discount is being offered for this item.

INITIALS OF CITY OFFICIALS	
1	

Schedule A. Supply of Existing Fire Alarm Systems, Equipment and Ancillaries

Tenderers wishing to bid for this Tender must fill in the tables below and provide complete OEM/Distributor price lists in Schedule 16. Refer to (5) **Specifications** section for technical specifications of this schedule.

Table A.1 Supply of Existing Fire Alarm Systems, Equipment and Ancillaries

This schedule is for the supply of equipment for existing Fire Alarm Systems, Equipment and Ancillaries equivalent to and compatible with existing equipment. Please provide technical data sheets and/or product specifications and complete product price lists in **Schedule 16 A. Information on Fire Alarm Systems, Equipment and Ancillaries.**

Fill in the costing tables as provided below.

It is important for the City to determine that the proposed goods for Fire Alarm Systems, Equipment and Ancillaries, meet the City's specifications and will enable the Tenderer to supply, support and adhere to the Performance Level requirements. For that reason, the City requires Tenderers to identify the systems, equipment and ancillaries whether it is the Original Equipment Manufacturer (OEM) or the Distributor where goods will be sourced from. Tenderers must also indicate their relationship with the supplier of systems, equipment and ancillaries. In the following table for each category, where applicable, identify the supplier(s) in the "Source of Goods" column, the relationship in the "Partner Status" column, as well as completing the discount offered percentage and mark-up percentage columns, for that specific supplier. In order to be compliant with the Pricing Instruction, Tenderers must fill in this information for at least one supplier for each category of items, and the Tenderer may add additional lines per column as required.

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
A.1.1	Networked Fire Alarm Systems (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		RATINLW9	30%	7,2%
				%	%
			INTEGRATOR	40%	8,3%

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
A.1.2	Stand-Alone Fire Alarm Systems (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		PLATINUM	30%	7,2%
				%	%
			INTEGRATOR	40%	8,3%
				%	%
A.1.3	Fire Alarm Peripherals and General (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		PLATINUM	30%	7,2%
				%	%
			INTEGRATOR	40%	8,3%
				%	%

P.O BOX
 EMAIL:
 TEL: (

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
A.1.4	Fire Alarm Systems Ancillaries and General (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		PLATINUM	30%	7,2%
			INTEGRATOR	40%	8,3%
A.1.5	Audio Evacuation Systems (TOA or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	TOA	INTEGRATOR	30%	16%

P.O BOX
EMAIL:
TEL:

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
A.1.6	Cabling Refer to (5) Specification for cable specifications. Tenderers must provide at least one Price List for each specific cable category		Good	20%	25%
	It is the responsibility of the Tenderer to verify the applicability of Local Content requirements for Cabling and Accessories.	/	/	/	/
	The tenderers response to section 6.2.1.1.5 on Local Content as well as related Schedule 11 and Annexure C of the tender is compulsory where Local Content applies.	/	/	/	/
		UTC	PLATINUM	0%	25%

P.O BOX

EMAIL:

TEL:

REFER TO SCHEDULE 15: RECORD OF ADDENDA TO TENDER DOCUMENTS - AMENDED BILL OF QUANTITIES

TENDER NO: 135S/2019/20

Table A.2 Typical Project for Supply of Existing Fire Alarm Systems, Equipment and Ancillaries.

THE FOLLOWING TABLE WILL BE USED FOR EVALUATION PURPOSES ONLY.

Tenderers must fill in the OEM/Distributor, OEM/Distributor price (excluding VAT), the Discount Offered and Mark-up percentages, as is valid at the closing date of the advertised tender. For evaluation purposes the CCT will take the OEM/Distributor Price (excluding VAT) per item multiplied by the item's quantities to obtain a price for evaluation purposes.

Tenderers must use the identified OEM/Distributor, OEM/Distributor Price List (excluding VAT), Discount Offered and Mark-Up percentages, as reflected in Table A.1 of the Pricing Schedule.

Refer to (5) **Specifications** and specific paragraphs Error! Reference source not found. Error! Reference source not found. and Error! Reference source not found. Error! Reference source not found. for detail specifications for these services.

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
A.2.1 Networked Fire Alarm Systems (Ziton or equivalent)						
A.2.1.1	Server		1			R
A.2.1.2	Client PC Workstation with 24" LCD monitor		1			R
A.2.1.3	Maestro dongle and software or equivalent		1			R
A.2.1.4	Ziton ZP3 Fire Panel complete with 4 loops (Version 3.1 or higher) or equivalent		1			R
A.2.1.5	Upgrade of Ziton ZP3 panels from version 2 to version 3.1 or higher or equivalent		1			R
A.2.1.6	ATS8600 software and licence or equivalent		1			R
A.2.1.7	Ziton ZP3 Master Panel display or equivalent		1			R
A.2.2 Stand-Alone Fire Alarm Systems (Ziton or equivalent)						
A.2.2.1	Ziton ZP3 Fire Panel complete with 4 loops or equivalent		1			R

* See page attached

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
A.2.2.2	Conventional Fire Panel with 8 zones or equivalent		1	7,2%	30%	R 2804,55
A.2.3 Fire Alarm Peripherals and General (Ziton or equivalent)						
A.2.3.1	Ziton 4 loop ZP3 motherboard on chassis or equivalent		1	7,2%	30%	R 8242,46
A.2.3.2	Ziton CPU for ZP3 (1MB) or equivalent		1	7,2%	30%	R 2656,54
A.2.3.3	Ziton RS232 port and commissioning key switch board or equivalent		1	7,2%	30%	R 464,26
A.2.3.4	Ziton Replacement ZP3 keypad (blue) or equivalent		1	7,2%	30%	R 515,37
A.2.3.5	Ziton Display board (Euro LCD) or equivalent		1	7,2%	30%	R 4104,24
A.2.3.6	Ziton A Series mini interface unit or equivalent		1	7,2%	30%	R 350,90
A.2.3.7	Ziton A Series mini relay unit or equivalent		1	7,2%	30%	R 535,64
A.2.3.8	Ziton A Series mini relay unit, mains switching or equivalent		1	7,2%	30%	R 659,21
A.2.3.9	Ziton A Series mini isolator unit or equivalent		1	7,2%	30%	R 291,91
A.2.3.10	Ziton A70 conventional interface or equivalent		1	7,2%	30%	R 1048,07
A.2.3.11	Ziton Optical sensor or equivalent		100	7,2%	20%	R 32581,00
A.2.3.12	Ziton Heat sensor (ZP3 Version 3 software) or equivalent		100	7,2%	30%	R 36974,00

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
A.2.3.13	Ziton Surface mounting sensor base or equivalent		100	7,2%	30%	R 3329,00
A.2.4 Fire Alarm Systems Ancillaries and General (Ziton or equivalent)						
A.2.4.1	4 & 8 Input Addressable Module		1	8,3%	40%	R 790,38
A.2.4.2	Standalone Loop Isolator		1	8,3%	40%	R 298,26
A.2.4.3	IP67 Rated Addressable call point		1	8,3%	40%	R 1640,42
A.2.4.4	Graphics Display and Alarm Management System for upto 64 JUNO NET or JUNIOR fire alarm panels or equivalent		1	8,3%	40%	R 29 825,82
A.2.4.5	Networkable Analogue Addressable Control Panel		1	8,3%	40%	R 12 151,26
A.2.4.6	SMS Unit for Alarm Management		1	5%	40%	R 15 75,00
A.2.5 Audio Evacuation Systems (TOA or equivalent)						
A2.5.1	VM-3360ECE VM Extension Amplifier 360W or equivalent		1	16%	30%	R 33 452,78
A2.5.2	VM-3360VACE Voice Alarm System Amplifier 360W or equivalent - 6 Zone		1	16%	30%	R 37 876,55
A2.5.3	EV-700 Digital Announcer or equivalent		1	16%	30%	R 29 639,62
A2.5.4	VP-2421 1 Channel power amplifier @ 420W RMS per channel or equivalent		1	16%	30%	R 13 808,06
A2.5.5	PC-2369EN Ceiling Speaker or equivalent - Certified EN54-24			16%	30%	R 6 755,80

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
A2.5.6	PC-1869EN Ceiling Speaker or equivalent - Certified EN54-24		10	16%	30%	R 5204,90
A2.5.7	SC-615BS Horn Speaker or equivalent - Certified BS & EN54-24		10	16%	30%	R 13666,00
A2.5.8	BS-1015BSW Wall Speaker White or equivalent - Certified BS & EN54-24		10	16%	30%	R 21087,60
A2.5.9	BS-1015BSB Wall Speaker Black or equivalent - Certified BS & EN54-24		10	16%	30%	R 21087,60
A2.5.10	BS-678BSB Wall Speaker Black or equivalent - Certified BS & EN54-24		10	16%	30%	R 5952,00
A2.5.11	PJ-154BS Speaker or equivalent - Certified BS & EN54-24		10	16%	30%	R 22062,00
A2.5.12	19" Rack and Accessories 9U		1	16%	30%	2942,69 ~~R 5283,68~~
A2.5.13	19" Rack and Accessories 18U		1	16%	30%	R 5283,68
A2.5.14	19" Rack and Accessories 22U		1	16%	30%	R 5792,00
A2.5.15	Remote microphone input modules		1	16%	30%	R 1489,21
A2.5.16	Dual power supply modules		1	16%	30%	R 5983,50
A2.5.17	Power supply frames		1	16%	30%	R 2357,24
A2.5.18	Surveillance frames		1	16%	30%	R 19349,15
A2.5.19	Emergency supply units		1	16%	30%	R 11092,73
A2.5.20	Impedance fault detection mod		1	16%	30%	R 3797,72

16 B

EMAIL:

TEL:

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
A2.5.21	Fireman microphones		10	16%		R 155627,90
A2.5.22	Power amplifier input module with local input		1	16%		R 1713,32
A2.5.23	4 channel power amplifiers		1	16%		R 10564,93
A2.5.24	Integrated Voice Evacuation System		1	16%		R 31256,32
A2.5.25	100V line to line input attenuator boards		10	16%		R 3231,80
A2.5.26	Low impedance microphone input preamplifier with gain control		1	16%		R 781,14
A2.5.27	Remote microphone extensions		10	16%		R 37814,80
A2.5.28	Voice Announcement Boards with memory cards		1	16%		R 8944,18
A2.5.29	12V 70Ah Batteries		10	16%		R 43360,80
A2.5.30	Edwards or equivalent PA interface		1	7,2%		R 350,90
A2.5.31	Edwards or equivalent LAN Interface		1	7,2%		R 350,90
A.2.6 Cabling						
A.2.6.1	PH30 Fire resistant cable per metre (1mm ² , 2 core stranded)		100	25% ~~0%~~	0%	R 820,00 ~~(820,00)~~
A.2.6.2	PH120 Fire resistant cable per metre (1mm ² , 2 core stranded)		100	25%	0%	R 1119,00

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
A.2.6.3	0.8mm ² 2-core solid fire alarm cable per metre		100	25%	20%	R 750,00
A.2.6.4	4-Core screened communications cable per metre		100	25%	20%	R 712,50
A.2.6.5	0.55mm ² ripcord per metre		100	25%	20%	R 243,75.
A.2.6.6	CAT6E cable per metre		100	25%	20%	R 602,50.
A.2.6.7	1.5mm ² 3 core cabtyre per metre		100	25%	20%	R 1040,00

EMAIL: ()
TEL: ()

Schedule B. Supply of New Fire Alarm Systems, Equipment and Ancillaries

Supply of New Fire Alarm Systems, Equipment and Ancillaries

This schedule is for the supply of equipment for New Fire Alarm Systems, Equipment and Ancillaries equivalent to and compatible with existing equipment. Please provide technical data sheets and/or product specifications and complete product price lists in **Schedule 16 B. Information on Fire Alarm Systems, Equipment and Ancillaries**.

Fill in the costing tables as provided below.

It is important for the City to determine that the proposed goods for Fire Alarm Systems, Equipment and Ancillaries, meet the City's specifications and will enable the Tenderer to supply, support and adhere to the Performance Level requirements. For that reason, the City requires Tenderers to identify the systems, equipment and ancillaries whether it is the Original Equipment Manufacturer (OEM) or the Distributor where goods will be sourced from. Tenderers must also indicate their relationship with the supplier of systems, equipment and ancillaries. In the following table for each category, where applicable, identify the supplier(s) in the "Source of Goods" column, the relationship in the "Partner Status" column, as well as completing the discount offered percentage and mark-up percentage columns, for that specific supplier. In order to be compliant with the Pricing Instruction, Tenderers must fill in this information for at least one supplier for each category of items, and the Tenderer may add additional lines per column as required.

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mak-Up %
B.1.1	Networked Fire Alarm Systems (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		PLATINUM	30%	7,2%
			INTEGRATOR	40%	8,3%

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mak-Up %
B.1.2	Stand-Alone Fire Alarm Systems (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		PLATINUM INTEGRATOR	30%% 40%	7,2%% 8,3%
B.1.3	Fire Alarm Peripherals and General (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		PLATINUM INTEGRATOR	30%% 40%	7,2%% 8,3%

EMAIL:
TEL: 021

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mak-Up %
B.1.4	Fire Alarm Systems Ancillaries and General Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		PLATINUM	30%	7.2%
			INTEGRATOR	40%	8.3%
B.1.5	Audio Evacuation Systems (TOA or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		INTEGRATOR	30%	16%

P.O BOX
EMAIL:
TEL:

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mak-Up %
B.1.6	Fire Suppression Systems (INERGEN or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		Integrator	40%	5%
B.1.7	Aspirating Smoke Detection Systems (SecuriRAS or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		Partner	40%	11,5%

P.O BOX
EMAIL:
TEL:

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mak-Up %
B.1.8	Emergency Lighting Systems (FIREscape or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.		INTEGRATOR	25%	3,7%
B.1.9	Cabling Refer to (5) Specification for cable specifications. Tenderers must provide at least one Price List for each specific cable category It is the responsibility of the Tenderer to verify the applicability of Local Content requirements for Cabling and Accessories. The tenderers response to section 6.2.1.1.5 on Local Content as well as related Schedule 11 and Annexure C of the tender is compulsory where Local Content applies.		Gold	20%	25%
			RATINUM	0%	25%
					

PO BOX 1

EMAIL:

TEL:

REFER TO SCHEDULE 15: RECORD OF ADDENDA TO TENDER DOCUMENTS - AMENDED BILLS OF MATERIALS

TENDER NO: 135S/2019/20

Table B.2 Typical Project for Supply of New Fire Alarm Systems, Equipment and Ancillaries.

THE FOLLOWING TABLE WILL BE USED FOR EVALUATION PURPOSES ONLY.

Tenderers must fill in the OEM/Distributor, OEM/Distributor price (excluding VAT), the Discount Offered and Mark-up percentages, as is valid at the closing date of the advertised tender. For evaluation purposes the CCT will take the OEM/Distributor Price (excluding VAT) per item multiplied by the item's quantities to obtain a price for evaluation purposes.

Tenderers must use the identified OEM/Distributor, OEM/Distributor Price List (excluding VAT), Discount Offered and Mark-Up percentages, as reflected in Table B.1 of the Pricing Schedule.

Refer to (5) Specifications and specific paragraphs Error! Reference source not found. Error! Reference source not found. Error! Reference source not found. for detail specifications for these services.

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.1 Networked Fire Alarm Systems (Ziton or equivalent)					
B.2.1.1	Server		1		R
B.2.1.2	Client PC Workstation with 24" LCD monitor		1		R
B.2.1.3	ATS8600 software and licence or equivalent		1		R
B.2.1.4	Ziton ZP2 Fire Panel complete with 4 loops (Version 3.1 or higher) or equivalent		1		R
B.2.1.5	Ziton ZP2 Master Panel display or equivalent		1		R
B.2.2 Stand-Alone Fire Alarm Systems (Ziton or equivalent)					
B.2.2.1	Ziton ZP2 Fire Panel complete with 4 loops or equivalent		1		R
B.2.2.2	Conventional Fire Panel with 8 zones		1		R
B.2.3 Fire Alarm Peripherals and General (Ziton or equivalent)					
B.2.3.1	Ziton 4 loop ZP2 motherboard on chassis or equivalent		1		R

* See page

Refer to Schedule 15: RECORD OF ADDENDA TO
TENDER Documents - AMENDED Bill of Quantities

TENDER NO: 135S/2019/20

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.3.2	Ziton CPU for ZP2 (1MB) or equivalent		1		R
B.2.3.3	Ziton RS232 port and commissioning key switch board or equivalent		1		R
B.2.3.4	Ziton Replacement ZP2 keypad (blue) or equivalent		1		R
B.2.3.5	Ziton Display board (Euro LCD) or equivalent		1		R
B.2.3.6	Ziton A Series mini interface unit or equivalent		1		R
B.2.3.7	Ziton A Series mini relay unit or equivalent		1		R
B.2.3.8	Ziton A Series mini relay unit, mains switching or equivalent		1		R
B.2.3.9	Ziton A Series mini isolator unit or equivalent		1		R
B.2.3.10	Ziton A70 conventional interface or equivalent		1		R
B.2.3.11	Ziton Optical sensor or equivalent		1		R
B.2.3.12	Ziton Heat sensor (ZP2) or equivalent		1		R
B.2.3.13	Ziton Surface mounting sensor base or equivalent		1		R
B.2.4 Fire Alarm Systems Ancillaries and General (Ziton or equivalent)					
B.2.4.1	4 & 8 Input Addressable Module		1		R
B.2.4.2	Standalone Loop Isolator		1		R

Refer to SCHEDULE 15: RECORD of A Addenda to
TENDER DOCUMENTS - AMENDED BILL OF QUANTITIES
TENDER NO: 135S/2019/20

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.4.3	IP67 Rated Addressable Call Point		1		R
B.2.4.4	Graphics Display and Alarm Management System for upto 64 fire alarm panels		1		R
B.2.4.5	Networkable Analogue Addressable Control Panel		1		R
B.2.4.9	SMS Unit for Alarm Management		1		R
B.2.5 Audio Evacuation System (TOA or equivalent)					
B.2.5.1	VM-3360ECE VM Extension Amplifier 360W or equivalent		1		R
B.2.5.2	VM-3360VACE Voice Alarm System Amplifier 360W - 6 Zone or equivalent		1		R
B.2.5.3	EV-700 Digital Announcer or equivalent		1		R
B.2.5.4	VP-2421 1 Channel power amplifier @ 420W RMS per channel or equivalent		1		R
B.2.5.5	PC-2369EN Ceiling Speaker - Certified EN54-24 or equivalent		10		R
B.2.5.6	SC-615BS Horn Speaker - Certified BS & EN54-24 or equivalent		10		R
B.2.5.7	BS-678BSB Wall Speaker Black - Certified BS & EN54-24 or equivalent		10		R
B.2.5.8	19" Rack and Accessories 22U		1		R
B.2.5.9	Fireman microphones		10		R
B.2.5.10	Remote microphone input modules		1		R

REFER TO SCHEDULE 15: RECORD OF ADDENDA
TO TENDER DOCUMENTS - AMENDED BILL OF QUANTITIES

TENDER NO: 135S/2019/20

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.5.11	Dual power supply modules		1		R
B.2.5.12	Power supply frames		1		R
B.2.5.13	Surveillance frames		1		R
B.2.5.14	Emergency supply units		1		R
B.2.5.15	Impedance fault detection modules		1		R
B.2.5.16	Power amplifier input module with local input		1		R
B.2.5.17	4 channel power amplifiers		1		R
B.2.5.18	Integrated Voice Evacuation System		1		R
B.2.5.19	100V line to line input attenuator boards		10		R
B.2.5.20	Low impedance microphone input preamplifier with gain control		1		R
B.2.5.21	Remote microphone extensions		10		R
B.2.5.22	Voice Announcement Boards with memory cards		1		R
B.2.5.23	12V 70Ah DPD Batteries		10		R
B.2.5.24	Edwards PA interface or equivalent		1		R
B.2.5.25	Edwards LAN Interface or equivalent		1		R

REFER TO SCHEDULE 15: RECORD OF ADDENDA TO TENDER DOCUMENT - AMENDED BILL OF QUANTITIES

TENDER NO: 135S/2019/20

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.5.26	White Noise System		1		R
B.2.6 Fire Suppression System					
B.2.6.1	NAFMOD06 6 LITRE CYLINDER c/w BRACKET or equivalent		1		R
B.2.6.2	NAFMOD10 10 LITRE CYLINDER c/w BRACKET or equivalent		1		R
B.2.6.3	25 LITRE CAPACITY CYLINDER c/w BRACKET		1		R
B.2.6.4	45 LITRE CAPACITY c/w BRACKET		1		R
B.2.6.5	ECO202A ECKOSHIELD HFC FIRE EXTINGUISHING GAS or equivalent		1		R
B.2.6.6	FREIGHT6L FREIGHT CHARGES PER 6L CYLINDER or equivalent		1		R
B.2.6.7	FREIGHT10L FREIGHT CHARGES PER 10L CYLINDER or equivalent		1		R
B.2.6.8	FREIGHT25L FREIGHT CHARGES PER 25L CYLINDER or equivalent		1		R
B.2.6.9	FREIGHT45L FREIGHT CHARGES PER 45L CYLINDER or equivalent		1		R
B.2.6.10	ECO601 WARNING SIGN DOOR-HFC-227ea or equivalent		1		R
B.2.6.11	Z630-3P Conventional Optical Detector - POLAR WHITE or equivalent		10		R
B.2.6.12	Conventional Temperature Detector, 58°C, ROR, Grade 1		10		R
B.2.6.13	Conventional Temperature Detector, 58°C, Fixed, Grade 2		10		R

REFER TO SCHEDULE 15: RECORD OF ADDENDA TO TENDER DOCUMENTS - AMENDED BILL OF QUANTITIES

TENDER NO: 135S/2019/20

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.6.14	Conventional Temperature Detector, 77°C, Fixed, Grade 1		10		R
B.2.6.15	Z6-BS1-P Conventional Base, 2-wire - POLAR WHITE or equivalent		10		R
B.2.6.16	Z6-BS5-P Conventional Diode Base, 2-wire - POLAR WHITE or equivalent		10		R
B.2.6.17	Conventional Intrinsically Safe Heat Detector		10		R
B.2.6.18	Conventional Intrinsically Safe Smoke Detector		10		R
B.2.6.19	Conventional Intrinsically Safe Detector Base		10		R
B.2.6.20	Galvanic Barrier for Conventional Intrinsically Safe Devices		1		R
B.2.6.21	Remote Indicator		1		R
B.2.6.22	MCP RED, 100 Ohm Free Contact, Surface Mount, Resettable Element or equivalent t		1		R
B.2.6.23	MCP RED, 560 Ohm Free Contact, Intrinsically Safe, Outdoor or equivalent		1		R
B.2.6.24	MCP YELLOW, EXTINGUISHING RELEASE or equivalent		1		R
B.2.6.25	Surface Mounting Box with Earth Connector - YELLOW		1		R
B.2.6.26	Surface Mounting Box GREEN with Earth Connector		1		R
B.2.6.27	MCP GREEN, Double-pole Free Contact or equivalent		1		R
B.2.6.28	Surface Mounting Box GREEN with Earth Connector		1		R

REFER TO SCHEDULE 15: RECORD OF ADDENDA 10
TENDER DOCUMENTS - AMENDED BILL OF QUANTITIES

TENDER NO: 135S/2019/20

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.7.10	Pipe planning and calculation software		1		R
B.2.7.11	Pipe planning and calculation software Dongle and User License		1		R
B.2.7.12	USB 2.0 cable for connection between Aspirating Smoke Detector and PC		1		R
B.2.7.13	Detector Box		1		R
B.2.7.14	Filter-box extra large		1		R
B.2.7.15	Dirt trap box		1		R
B.2.7.16	Water retaining box		1		R
B.2.7.17	Air cooler and water collector		1		R
B.2.7.18	Automatic blow out device		1		R
B.2.7.19	Detonation flame arrester		1		R
B.2.7.20	Noise reduction housing		1		R
B.2.8 Emergency Lighting System (Firescape or equivalent)					
B.2.8.1	FIREscape or equivalent 2 Loop Control Panel for up to 254 luminaires		1		R
B.2.8.2	FIREscape or equivalent Transformer 35V AC, 222VA		1		R
B.2.8.3	FIREscape or equivalent Addressable LED Corridor Luminaire (including battery)		1		R

REFER TO SCHEDULE 15: RECORD OF ADDENDA TO TENDER DOCUMENTS - AMENDED BILL OF QUANTITIES

TENDER NO: 135S/2019/20

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.8.19	FIREscape or equivalent Expansion Unit		1		R
B.2.8.20	FIREscape or equivalent Installation and Maintenance Program		1		R
B.2.8.21	FIREscape or equivalent Input / Output Unit		1		R
B.2.8.22	FIREscape or equivalent RS232 Channel Isolator		1		R
B.2.8.23	FIREscape or equivalent Remote Keypad Controller		1		R
B.2.8.24	FIREscape or equivalent Terminal Server TCP/IP-RS232 Converter		1		R
B.2.8.25	FIREscape or equivalent Media Converter		1		R
B.2.8.26	FIREscape or equivalent Phase Monitor Relay Unit		1		R
B.2.8.27	FIREscape or equivalent Bus Controlled Power Supply Unit		1		R
B.2.8.28	FIREscape or equivalent Ethernet or equivalent IEEE802.3 compliant Switch 5 Port		1		R
B.2.8.29	FIREscape or equivalent Ethernet or equivalent IEEE802.3 compliant Switch 8 Port		1		R
B.2.8.30	FIREscape or equivalent USB to Serial Cable		1		R
B.2.8.31	Emergency Light Recess Adaptor		1		R
B.2.8.32	ESP Programmer and PL-3 Lead or equivalent		1		R
B.2.8.33	FIREscape or equivalent Mounting Base		1		R

REFER TO SCHEDULE 15: RECORD OF ADDENDUM 10
TENDER DOCUMENTS- AMENDED BILL OF QUANTITIES

TENDER NO: 135S/2019/20

Item	Description	Identify OEM or Distributor	Quantity	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
B.2.9. Cabling					
B.2.9.1.	PH30 Fire retarded cable per metre (1mm ² , 2 core solid)		100		R
B.2.9.2.	PH120 Fire resistant cable per metre (1mm ² , 2 core solid)		100		R
B.2.9.3.	0.8mm ² 2-core solid fire alarm cable per metre		100		R
B.2.9.4.	4-Core screened communications cable per metre		100		R
B.2.9.5.	0.55mm ² ripcord per metre		100		R
B.2.9.6.	CAT6E cable per metre		100		R
B.2.9.7.	1.5mm ² 3 core cabtyre per metre		100		R

Schedule C Installation, Upgrades and Maintenance of Fire Alarm Systems, Equipment and Ancillaries.

Table C.1 Installation, Upgrades and Maintenance of Fire Alarm Systems, Equipment and Ancillaries.

This schedule is for the labour associated with the supply, installation, upgrade and maintenance of Fire Alarm Systems Equipment and Ancillaries for new and existing equipment compatible and equivalent to existing.

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
Per Hour Rates							
C.1.1	Fire Systems Technician	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.2	Junior Fire Systems Engineer	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.3	Senior Fire Systems Engineer	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.4	Software Engineer	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.5	Fire Systems First Line Support Technician	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.6	Fire Systems Second Line Support Technician	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.7	ECSA Registered Professional Fire Engineer	per hour	R 800	R 800	R 800	R 856	R 915,92
C.1.8	Acoustic Engineer	per hour	R 100	R 100	R 100	R 107	R 114,49

TENDER NO: 135S/2019/20

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
C.1.9	AutoCAD Draughtsperson for as-built documentation	per hour	R 100	R 100	R 100	R 107	R 114,49
C.1.10	Installation costs for programming, setup and commissioning of Fire Alarm Systems, Equipment and Ancillaries	per hour	R 500	R 500	R 500	R 535	R 572,45
C.1.11	Labour for Rack Work	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.12	Project Management	per hour	R 500	R 500	R 500	R 535	R 572,45
C.1.13	Normal Time Labour rates for installation during normal business hours	per hour	R 350	R 350	R 350	R 374,50	R 400,72
C.1.14	Normal Time Labour rates for remedial maintenance	per hour	R 350	R 350	R 350	R 374,50	R 400,72
C.1.15	Overtime labour rates for installation and remedial maintenance outside normal business hours	per hour	R 350	R 350	R 350	R 374,50	R 400,72
C.1.16	SAQCC Fire Designer	per hour	R 50	R 50	R 50	R 53,50	R 57,25
C.1.17	SAQCC Fire Commissioner	per hour	R 50	R 50	R 50	R 53,50	R 57,25

P.O BOX
EMAIL:
TEL:

TENDER NO: 135S/2019/20

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
C.1.18	SAQCC Fire Serviceman	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.19	SAQCC Fire Installer	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.20	SAQCC Fire Cabler	per hour	R 150	R 150	R 150	R 160,50	R 171,74
C.1.21	SAQCC Fire Pipe Fitter	per hour	R 100	R 100	R 100	R 107	R 114,49
C.1.22	SAQCC Fire Technician Level 1	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.23	SAQCC Fire Technician Level 2	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.24	SAQCC Fire Technician Level 3	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.25	SAQCC Fire Technician Level 4	per hour	R 200	R 200	R 200	R 214	R 228,98
C.1.26	Electrician	per hour	R 150	R 150	R 150	R 160,50	R 171,74
C.1.27	Cable Installer	per hour	R 150	R 150	R 150	R 160,50	R 171,74
r Day Rates							
C.1.28	SAQCC Fire Technician Level 1	per day	R 1600	R 1600	R 1600	R 1712	R 1831,84
C.1.29	SAQCC Fire Technician Level 2	per day	R 1600	R 1600	R 1600	R 1712	R 1831,84

P.O BOX
EMAIL:
TEL: 021

TENDER NO: 135S/2019/20

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
C.1.30	SAQCC Fire Technician Level 3	per day	R 1600	R 1600	R 1600	R 1712	R 1831,84
C.1.31	SAQCC Fire Technician Level 4	per day	R 1600	R 1600	R 1600	R 1712	R 1831,84
C.1.32	Fire Systems Operator	per day	R 1200	R 1200	R 1200	R 1284	R 1373,88
C.1.33	Fire Systems Technician	per day	R 1600	R 1600	R 1600	R 1712	R 1831,84
C.1.34	Fire Systems First Line Support Technician	per day	R 1600	R 1600	R 1600	R 1712	R 1831,84
C.1.35	Fire Systems Second Line Support Technician	per day	R 1600	R 1600	R 1600	R 1712	R 1831,84
C.1.36	ECSA Registered Professional Fire Engineer	per day	R 6400	R 6400	R 6400	R 6848	R 7327,36
C.1.37	Training for City Staff – On-site complete, with video recording thereof provided on a memory device within 5 days of the session, on request from the City's Representative	per day	R 0	R 0	R 0	R 0	R 0
C.1.38	Hiring of Cherry Picker including Delivery and Collection	per day	R 1500	R 1545	R 1591,35	R 1639,09	R 1688,26

P.O BOX
EMAIL:
TEL: 021

TENDER NO: 135S/2019/20

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
C.1.39	Hiring of Scaffolding including Delivery, Erection, Certification, Dismantling and Collection	per day	R 900	R 921	R 954,81	R 983,45	R 1012,96
Per Unit Rates							
C.1.40	Inclusive call out fee (inclusive of 1 hour labour) per call	per call	R 750	R 750	R 750	R 802,50	R 858,68
C.1.41	Transportation rates (for remedial maintenance only)	per kilometre	R 7,00	R 7,35	R 7,72	R 8,11	R 8,52
C.1.42	Cable installation complete including terminations and labelling	per metre	R 8,00	R 8,00	R 8,00	R 8,56	R 9,16
C.1.43	Trunking installation complete with bends, corners and matching covers	per metre	R 90	R 90	R 90	R 96,30	R 103,04
C.1.44	PVC conduit installation complete, with galvanised draw wire, on surface	per metre	R 120	R 120	R 120	R 128,40	R 137,39
C.1.45	Galvanised conduit installation complete, with galvanised draw wire, on surface	per metre	R 160	R 160	R 160	R 171,20	R 183,18
C.1.46	Conduit installation complete, with galvanised draw	per metre	R 160	R 160	R 160	R 171,20	R 183,18

PO BOX
EMAIL:
TEL:

SCHEDULE C INSTALLATION, UPGRADES AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES

Installation Price per Unit (ZAR excl. VAT)							
Item	Description	Unit	Rate				
			Year 1	Year 2	Year 3	Year 4	Year 5
Per Hour Rates							
C.1.1	Fire Systems Technician	per hour	R200	R200	R200	R214	R228,98
C.1.2	Junior Fire Systems Engineer	per hour	R200	R200	R200	R214	R228,98
C.1.3	Senior Fire Systems Engineer	per hour	R200	R200	R200	R214	R228,98
C.1.4	Software Engineer	per hour	R200	R200	R200	R214	R228,98

CIVIC CENTRE IZIKO LOLUNTU BURGERSENTRUM
 12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
C.1.5	Fire Systems First Line Support Technician	per hour	R200	R200	R200	R214	R228,98
C.1.6	Fire Systems Second Line Support Technician	per hour	R200	R200	R200	R214	R228,98
C.1.7	ECSA Registered Professional Fire Engineer	per hour	R800	R800	R800	R856	R915,92
C.1.8	Acoustic Engineer	per hour	R100	R100	R100	R107	R114,49
C.1.9	AutoCAD Draughtsperson for as-built documentation	per hour	R100	R100	R100	R107	R114,49
C.1.10	Installation costs for programming, setup and commissioning	per hour	R500	R500	R500	R535	R572,45

CIVIC CENTRE IZIKO LOLUNTU BURGERSENTRUM
 12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Year 1	Year 2	Year 3	Year 4	Year 5
	of Fire Alarm Systems, Equipment and Ancillaries						
C.1.11	Labour for Rack Work	per hour	R200	R200	R200	R214	R228,98
C.1.12	Project Management	per hour	R500	R500	R500	R535	R572,45
C.1.13	Normal Time Labour rates for installation during normal business hours	per hour	R350	R350	R350	R374,50	R400,72
C.1.14	Normal Time Labour rates for remedial maintenance	per hour	R350	R350	R350	R374,50	R400,72
C.1.15	Overtime labour rates for installation and remedial maintenance outside	per hour	R350	R350	R350	R374,50	R400,72

CIVIC CENTRE IZIKO LOLUNTU BURGERSENTRUM
 12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Year 1	Year 2	Year 3	Year 4	Year 5
	normal business hours						
C.1.16	SAQCC Fire Designer	per hour	R50	R50	R50	R53,50	R57,25
C.1.17	SAQCC Fire Commissioner	per hour	R50	R50	R50	R53,50	R57,25
C.1.18	SAQCC Fire Serviceman	per hour	R200	R200	R200	R214	R228,98
C.1.19	SAQCC Fire Installer	per hour	R200	R200	R200	R214	R228,98
C.1.20	SAQCC Fire Cabler	per hour	R150	R150	R150	R160,50	R171,74
C.1.21	SAQCC Fire Pipe Fitter	per hour	R100	R100	R100	R107	R114,49
C.1.22	SAQCC Fire Technician Level 1	per hour	R200	R200	R200	R214	R228,98

CIVIC CENTRE IZIKO LOLUNTU BURGERSENTRUM

12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000

www.cape.gov.za

Making progress possible. Together.

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Year 1	Year 2	Year 3	Year 4	Year 5
C.1.23	SAQCC Fire Technician Level 2	per hour	R200	R200	R200	R214	R228,98
C.1.24	SAQCC Fire Technician Level 3	per hour	R200	R200	R200	R214	R228,98
C.1.25	SAQCC Fire Technician Level 4	per hour	R200	R200	R200	R214	R228,98
C.1.26	Electrician	per hour	R150	R150	R150	R160,50	R171,74
C.1.27	Cable Installer	per hour	R150	R150	R150	R160,50	R171,74
Per Day Rates							
C.1.28	SAQCC Fire Technician Level 1	per day	R1600	R1600	R1600	R1712	R1831,84
C.1.29	SAQCC Fire Technician Level 2	per day	R1600	R1600	R1600	R1712	R1831,84

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
C.1.30	SAQCC Fire Technician Level 3	per day	R1600	R1600	R1600	R1712	R1831,84
C.1.31	SAQCC Fire Technician Level 4	per day	R1600	R1600	R1600	R1712	R1831,84
C.1.32	Fire Systems Operator	per day	R1200	R1200	R1200	R1284	R1373,88
C.1.33	Fire Systems Technician	per day	R1600	R1600	R1600	R1712	R1831,84
C.1.34	Fire Systems First Line Support Technician	per day	R1600	R1600	R1600	R1712	R1831,84
C.1.35	Fire Systems Second Line Support Technician	per day	R1600	R1600	R1600	R1712	R1831,84

CIVIC CENTRE IZIKO LOLUNTU BURGERSENTRUM
 12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
C.1.36	ECSA Registered Professional Fire Engineer	per day	R6400	R6400	R6400	R6848	R7327,36
C.1.37	Training for City Staff – On-site complete, with video recording thereof provided on a memory device within 5 days of the session, on request from the City's Representative	per day	R0	R0	R0	R0	R0
C.1.38	Hiring of Cherry Picker including Delivery and Collection	per day	R1500	R1545	R1591,35	R1639,09	R1688,26
C.1.39	Hiring of Scaffolding including Delivery, Erection,	per day	R900	R927	R954,81	R983,45	R1012,96

CIVIC CENTRE IZIKO LOLUNTU BURGERSENTRUM
 12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Year 1	Year 2	Year 3	Year 4	Year 5
	Certification, Dismantling and Collection						
Per Unit Rates							
C.1.40	Inclusive call out fee (inclusive of 1 hour labour) per call	per call	R750	R750	R750	R802,50	R858,68
C.1.41	Transportation rates (for remedial maintenance only)	per kilometre	R7,00	R7,35	R7,72	R8,11	R8,52
C.1.42	Cable installation complete including terminations and labelling	per metre	R8,00	R8,00	R8,00	R8,56	R9,16
C.1.43	Trunking installation complete with	per metre	R90	R90	R90	R96,30	R103,04

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
	bends, corners and matching covers						
C.1.44	PVC conduit installation complete, with galvanised draw wire, on surface	per metre	R120	R120	R120	R128,40	R137,39
C.1.45	Galvanised conduit installation complete, with galvanised draw wire, on surface	per metre	R160	R160	R160	R171,20	R183,18
C.1.46	Conduit installation complete, with galvanised draw wire, chased in brickwork and made good	per metre	R160	R160	R160	R171,20	R183,18

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
C.1.47	Room Integrity Testing excluding travel	per room	R4700	R4700	R4700	R4935	R5181,75
C.1.48	Alarm Monitoring	per month	R300	R300	R300	R315	R330,75

CIVIC CENTRE IZIKO LOLUNTU BURGERSENTRUM
 12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

Please note that the award of this tender is subject to a further 10-day appeal period. You will be duly notified after this period whether or not any appeals have been lodged against the award and the subsequent commencement date of the contract.

It must be noted that no rights will accrue until appeals (if any) have been finalised.

I wish to thank you for your interest shown in this project.

Requests for further information may be submitted to the Director: Supply Chain Management,
|

Yours Faithfully

For: _____
Director: Supply Chain Management
(SCMB 23/03/20)(dd 26/03/20)

TENDER NO: 135S/2019/20

Item	Description	Unit	Installation Price per Unit (ZAR excl. VAT)				
			Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5
	wire, chased in brickwork and made good						
C.1.47	Room Integrity Testing excluding travel	per room	R 4700	R 4700	R 4700	R 4935	R 5181,75
C.1.48	Alarm Monitoring	per month	R 300	R 300	R 300	R 315	R 330,75

PO BOX
EMAIL:
TEL:

(5) SPECIFICATION(S)

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"

5.1 INTRODUCTION AND BACKGROUND

The City has numerous depots and facilities through out the Cape Metropolitan Area which require fire alarm systems to provide safety for staff, assets and public who visit these facilities. A number of different fire alarm systems are used but in the main the systems are based on Ziton systems. The biggest system is a ten-panel Ziton System which is utilised at the Cape Town Civic Centre.

- 5.1.1 This specification provides for the installation and maintenance of Fire Alarm Systems, Audio Evacuation, Fire Suppression, Emergency Lighting, Aspirating Smoke Detection Systems at Depots and Facilities.
- 5.1.2 Should the City require the Tenderer to replace an existing system with the most advanced available system, they may be requested to submit a proposal. The following conditions apply and must form part of the proposal:
- The existing system must remain fully operational during the replacement period.
 - The transition to the new system must be seamless without compromising the alarm system.
 - The new system must be fully compatible and be fully integratable with the existing Facilities Management Enterprise System (FMES).
 - A system upgrade plan shall be provided to the City along with the proposal.
- 5.1.3 The existing audio evacuation system consists of amplifier sets on each floor. Currently, in the event of a fire alarm being triggered on a specific floor and the automatic evacuation sequence is initiated, evacuation messages are routed to the floor in the effected area and to the floor above and to the two floors below.
- 5.1.4 In terms of the CCT's Integrated Development Plan, the CCT is committed to being a Safe City and leveraging technology for progress. This may require, at the CCT's discretion, the investigation, development and implementation of new technology solutions. To this end the Tenderer shall ensure that the Price Lists reflected in the Pricing Schedule are detailed, comprehensive and include progressive technologies. Further, the services of an ECSA registered Professional Fire Engineer, as reflected in the Pricing Schedule, may be required, at the CCT's discretion, to support the investigation, development and implementation of the proposed solutions. The CCT shall not be obligated to accept nor implement any resulting technology offering.

P.O BOX 1
EMAIL:
TEL:

5.2

TECHNICAL AND FUNCTIONAL REQUIREMENTS

5.2.1 Fire Alarm Systems

5.2.1.1 The Fire Detection Panels and Alarm Systems shall meet or exceed the following minimum functional and technical requirements as specified below.

DESCRIPTION	SPECIFIED REQUIREMENTS
Technical Requirements	
Local & remote alarm logging	Yes
Configuration & management with software via remote link	Yes
Number of loops 1, 2, and 4.	Yes
Minimum number of addresses per loop	125
Compatibility with Ziton analogue addressable equipment or equivalent	Yes
Quiescent current per panel	<450mA for 4 loops at 24V
Load of panel only, excluding any external devices	<850mA at 24V and 25% of zones in alarm
Wiring	2 core screened
Sounder Circuits (Programmable)	2 X Dual monitored
Fire (common)	1 X voltage free N/O or N/C
Fault (common)	1 X voltage free N/O or N/C
Text Display	4 line, 160 character back lit LCD
Monitoring loop wiring	Open & short circuit fault, earth leakage, sensor removed and wrong device type
Connectivity	Ethernet port or equivalent compatible with IEEE 802.3, TCP/IP
Power	72 Hours standby and 30 minutes alarm
Functionality	
Coincidence alarm	Yes
Zone walk test	Yes
Control output	Yes
Output Delays	Yes
Alarm counter	Yes
Sounder silence delay	Yes
Alarm verification	Yes
Remote diagnostics	Yes
Environmental requirements	
Environmental rating	IP 30
Operating temperature	-10°C to + 50°C
Operating humidity	Max. 95% (non-condensing)

5.2.1.2 The systems shall be an addressable fire detection and alarm systems and shall be flexible, with a range of modular hardware which shall be software configurable.

5.2.1.3 The fire panels shall have built-in intelligence to be able to identify and disregard conditions, which would result in false or unwanted alarms.

5.2.1.4 The panels shall be available in 1, 2, and 4 loop sizes accommodating up to 500 sensing addresses on a 4-loop panel. In the case of the Fire Alarm Control Centre where more than 4 loops are required, the panels shall be networked to form one system controlling in excess of 4 000 devices.

- 5.2.1.5 The system shall be capable of being expanded by the addition of control panels to accommodate over 30 000 devices.
- 5.2.1.6 Each loop shall be able to connect to a minimum of 125 line devices (sensors, call-points, sounders or interface units). All loop devices shall incorporate switch settings enabling them to be assigned a unique address, the location of which can be pinpointed and polled by the panel every two seconds. Variations in the sensors environment caused by increases of temperature or products of combustion, shall be reported to the panel, where they shall be processed and compared to known fire data, prior to any alarm output being activated.
- 5.2.1.7 There shall be a constant communication between control panel and sensor, to provide user facilities including pre alarm, constant sensitivity adjustment and service and near service listings for all sensor types.
- 5.2.1.8 The software shall be flexible enough to enables facilities such as alarm organisation, evacuation procedures and cause and effect requirements to be easily programmed into the systems.
- 5.2.1.9 All configurations and site data shall be held in non volatile flash memory to ensure both the recall of initial system data input and subsequent on site amendments and modifications.
- 5.2.1.10 Each fire panel shall support, fire and non fire functions, loop powered sounders, remote control and remote display panels, up to 120 zones with over 700 programmable inputs and outputs per panel. The panels shall continuously monitor wiring and sensors, corrupt data detection and disconnection of faulty or corrupt loop sections.
- 5.2.1.11 The system shall monitor flow switches of sprinkler systems where installed.
- 5.2.1.12 Built-in system diagnostics with remote diagnostic support, sensor and sounder testing, statistics and status reports, sensor contamination and near service reports shall be available.
- 5.2.1.13 The system shall be easy to operate from the panel as well as from a computer based monitoring system.
- 5.2.1.14 Service and near service facilities shall be incorporated into the system to compensate for sensitivity drifting over time period and shall list sensors that are due for cleaning and others that may be approaching the service condition.
- 5.2.1.15 The system shall have alarm verification with two time integration levels for each address, selectable to suit sensor environment. Automatic Self Test procedures shall be included to ensure that all sensors are functionally tested every 24 hours confirming full functionality and correct calibration at all times.
- 5.2.1.16 Separate programmes for day and night operation shall be provided where different sensor sensitivity, alarm selection, alarm delays and fire brigade response can be configured.
- 5.2.1.17 The system shall have a Radio Loop Interface which shall enable full analogue system facilities to equipment sited where access is difficult or cable runs impossible.
- 5.2.1.18 Each sensor shall be maintained at constant sensitivity by automatic contamination adjustment from the system.
- 5.2.1.19 System integrity against partial or full short circuit fault and corruption shall be maintained by means of intelligent loop isolation.

- 5.2.1.20 The system shall have facilities for self test sounders which have built in microphone circuits to automatically test sounder output by loop, zone or individual unit.
- 5.2.1.21 Access to the system shall be password protected with multiple access levels, complying with BS EN54 Part 2.
- 5.2.1.22 A event log of up to 1000 events shall be displayed or printed in order for all system events, alarms, faults and disablements, and shall be retained in the control panel memory.
- 5.2.1.23 The system shall have peer-to-peer networking to enable up to 64 stand alone control panels to be integrated into a single fire detection and alarm system.
- 5.2.1.24 Display and control functions shall be fully programmable and alarms and events, including zone, location and individual address detail, shall be displayed from the system of origin to any other networked panel. In addition it shall be possible to programme any alarms from any control panel, to operate sounders and outputs on any panels across the network.
- 5.2.1.25 One or more control panels shall be assigned as system masters, displaying complete system status. System control and graphics display computers shall show complete network status and allow control functions to be operated remotely.
- 5.2.1.26 A computer based monitoring system shall be connected to this network to provide the user with a complete system overview, while graphically presenting alarms and events and providing system control, colour graphics and event logging with archive facilities.
- 5.2.1.27 The server shall have minimum specifications of Quad Core Intel or equivalent processor, with 8GB RAM, 500GB hard drive, 24" LCD display, keyboard and mouse. The server shall be 19" rack mounted.
- 5.2.1.28 The server shall have USB, RS232 and RS485 ports or interface components appropriate for the network.
- 5.2.1.29 An Ethernet or equivalent IEEE802.3 compliant network card will be included.
- 5.2.1.30 For isolated security communication networks a second Ethernet or equivalent IEEE802.3 compliant card may be required.
- 5.2.1.31 The Server computer's operating system shall be the latest compatible Microsoft Windows Server OS which shall be compatible and support the fire alarm system software.
- 5.2.1.32 Tenderers shall ensure that the detailed and comprehensive price lists referred to in the pricing schedules are included in Schedule 16 and itemize all required components including mounting brackets and accessories.
- 5.2.1.33 The workstation or client computer shall have minimum specifications of Dual Core, 2.5GHz Intel or equivalent processor, with 8GB RAM, 500GB hard drive, 24" LCD display, keyboard and mouse.
- 5.2.1.34 The network interface for connection to the Server shall be a minimum of 100BaseT.
- 5.2.1.35 The workstation shall be supplied with Microsoft Office Professional or other version of OS, compatible with the fire alarm system software and license.

- 5.2.1.36 Planner software shall be provided to enable system designers to fully configure the system either directly into the panel via a Personal Computer, or off site for subsequent downloading at the system commissioning stage. This software shall check that equipment parameters entered are within the ranges allowed and shall prompt the user on allowable options.
- 5.2.1.37 The software shall provide the user with full facilities for both fault diagnosis and system configuration off site.
- 5.2.1.38 Remote diagnostics hardware and software shall make information available to service personnel, prior to visiting site for remedial action or maintenance activity.
- 5.2.1.39 Should the system offered not be a Ziton or equivalent system and the existing addressable detectors are not compatible with the system offered, the tenderer shall include all the costs of replacing all the detectors in the system at no cost to CCT.
- 5.2.1.40 The system shall have a user friendly interface to the system to enter/ change/update/view system data, accept alarms/alerts, undertake diagnostics and any other functionality required.
- 5.2.1.41 The system shall be capable of providing local and remote system diagnostics, control, alarms and alerts for all the sub systems.
- 5.2.1.42 The system offered shall be compatible with the existing systems and sensors and shall have full interoperability between the various elements of the Fire Detection and Alarm System, the Audio Evacuation System, the Access Control System, the Building Management Systems and the Facilities Enterprise Management Systems, where relevant.
- 5.2.1.43 The Tenderer shall provide marked up layout drawings, in hard and soft copy formats, clearly indicating the components, addresses, routes, loops, zones and physical locations thereof, accompanied by a clear legend describing each of the component symbols used. There shall also be a clear documented correlation between the Fire Panel zone descriptors and the zones/loops depicted on the layout drawings.

5.2.2 Audio Evacuation Systems

5.2.2.1 The Audio Evacuation Systems shall meet or exceed the following minimum functional and technical requirements as specified below.

DESCRIPTION	SPECIFIED REQUIREMENTS
Technical Requirements	
Minimum Message Storage Capacity	7 messages
Minimum duration of each Stored Message	60 seconds
Audio bandwidth	At least 3.4kHz
Audio output level	0dBm
Line input	10kOhm
Initiation Control	Single Message - Momentary contact Repeated Message – Closed contact for as long as required
Output	70/100V balanced line
Frequency Response	40Hz – 20kHz (Balanced Line)
Distortion (100Hz – 8kHz and 100mW – 100W)	< 1%
Maximum Output noise	-80dBm
Input	500mV into 22k Ohms
Test method	Impedance and pilot tone
Fault conditions to be reported	Line short or open circuit or earth leakage
Minimum Line length	1000m
Minimum Load on line monitored	420W
Minimum System Control inputs and outputs	125
Functional requirements	
Signal Routing of tones and messages	Yes
Alert tones	Yes
Automatic Amplifier Testing	Yes while in operation
All-call function at fireman's microphone even under failure of CPU	Yes
Logging functions	Yes
Signal Bus Matrix	Yes
Environmental requirements	
Environmental	IP30
Operating temperature range	- 10°C to + 50°C
Humidity	95% RH Non-Condensing

5.2.2.2 The control equipment offered shall have been approved by the SABS as being in compliance with the requirements of the IEC65 regulations in respect of safety and as such a Letter of Authority shall have been issued by the SABS. The engineer reserves the right to call for a copy of the current SABS Letter of Authority together with independent laboratory test reports in respect thereof.

5.2.2.3 All equipment offered shall be manufactured by a single manufacturer and no mix-and-match of equipment by various manufacturers shall be considered.

- 5.2.2.4 All components associated with the requirements shall be provided in the Emergency Control Room on the first floor of the Cape Town Civic Centre. The systems shall be adequately sized to provide power for the speaker zones required.
- 5.2.2.5 Microphone announcements, evacuation tones, pre-recorded messages, etc., shall be able to be routed via the signal routing unit to any operator-selected zone or group of zones. Priority shall exist to enable a microphone to override a signal tone or other function selected on the same zone.
- 5.2.2.6 The priority settings for the microphone control shall be as follows:
- Priority 1 - Main Microphone
 - Priority 2 - Alert Tone Generator
 - Priority 3 - Emergency Message unit
- 5.2.2.7 It shall be possible to route any signal to any zone at any time within 3 seconds of awareness of an emergency situation. This facility is required to enable the operator to page into any zone or group of zones simultaneously, while feeding an alert tone to other zone/zones.
- 5.2.2.8 The Fire Detection Panels and Alarm System shall be fully integrated with the Audio Evacuation System to allow for the automatic as well as manual initiation of fire alarm signals to specified zones. Manual override by evacuation tones and main microphones shall be possible.
- 5.2.2.9 The Audio Evacuation System shall consist of a main control panel as described, integrated signal route units, power amplifiers, tone signal generators, loudspeakers, fire retardant cabling and ancillary components required to make up complete, operational systems.
- 5.2.2.10 The system shall be designed specifically for general purpose and emergency broadcasts.
- 5.2.2.11 The evacuation system shall allow the main control panels to address the occupants of the buildings as follows:
- The occupants in any particular floor or zone.
 - The occupants in any group of floors or zones individually or simultaneously.
 - The occupants on all floors or zones in the buildings individually or simultaneously.
- 5.2.2.12 In addition to the functions described above, the evacuation system shall enable the main control panel operator to transmit any one of the following signals to any floor, group of floors or as an all-call:
- One of seven pre-recorded emergency evacuation messages.
 - An alert tone signal.
 - A voice announcement preceded by a chime.
- 5.2.2.13 The system shall have one master control panel located in the Emergency Control Room, as described above.

- 5.2.2.14 The system shall automatically override general broadcast messages in the zone/zones being addressed and broadcast speech, evacuation tones, or messages, utilizing these speakers.
- 5.2.2.15 A pre-recorded message device shall be provided, to interface with the input control panel to automatically send a pre-recorded message or tone(s) to the initiating zone/zones. The device shall receive the manual start command from the input control panel.
- 5.2.2.16 The pre-recorded message device shall be monitored continuously for functionality and operation availability. Should the unit fail, the operator shall be notified by a visual indication as well as an audible alarm. On removing the messaging card, a similar alarm shall be activated automatically within 100 seconds.
- 5.2.2.17 It shall be a rack mounting message unit utilizing digital storage techniques. The unit shall provide dual storage capacity and have the facility to play any one of the messages, once only or the same message repeatedly until manually deactivated. Up to two messages or tones (the same or different) shall be able to be broadcast simultaneously. This recording shall be made on removable non-volatile memory cards, to facilitate easy changes to messages without interruption to system availability.
- 5.2.2.18 The Power Amplifiers shall be rated in order to provide a crest factor handling capability of 10. The total output shall be sufficient to provide each loudspeaker connected to the unit with 6 Watts RMS at 60% rated output.
- 5.2.2.19 The output circuits of all power amplifiers shall be automatically supervised and an alarm signal shall be generated within 100 seconds when an amplifier has failed. In the event of a failure, a standby amplifier of equal rating shall be automatically switched into the line without interruption to the output signal. The standby amplifier shall also be supervised as above.
- 5.2.2.20 Suitable RMS Power Amplifiers shall be fully protected against open, short overload and reactive loads and designed for continuous unattended operation at maximum rated power, with input sensitivity of 500mV (unbalanced) for the rated output being required. A choice of 70V/100V (balanced) lines should be available as a standard feature. A mains ON/OFF switch/indicator mounted on the front panel shall be provided. The supplied Power Amplifiers shall have 20% headroom.
- 5.2.2.21 Various combinations of signal routing units to provide Matrix signal routing shall be provided to fulfil the requirements of the Specification.
- 5.2.2.22 Six input modular pre-amplifier/routing units designed to accept input modules which provide input equalization/signal generation and alarm tones shall be included to cater for all the required applications.
- 5.2.2.23 Signal routing shall be programmable and easily changed by software. Full automatic monitoring of the complete signal path is a prerequisite. It shall be possible to set the monitoring period from 100 seconds to monthly.
- 5.2.2.24 An electronic tone generator shall be provided which produces a signal which simulates the tone of a "wailing" mechanical air-operated siren, initiated and reset by remote control, with correct output level to match electronics within the amplifier.
- 5.2.2.25 The amplifiers shall be tested automatically while in operation or in standby mode. ND FLOOR
Amplifiers shall not to be disconnected from operation either the line or amplifiers SALE 1

- 5.2.2.26 Rack mounting line-monitoring units designed to monitor the integrity of the speaker lines shall be supplied. Tenderers shall cater for two monitored lines per zone.
- 5.2.2.27 Front panel indications shall be provided for fault conditions (short circuit or open circuit) or each circuit monitored in a common fault line to provide for remote signalling.
- 5.2.2.28 The existing evacuation speakers shall be tested and replaced, if necessary, to ensure adequate sound pressure levels are maintained throughout the building.
- 5.2.2.29 Evacuation speakers shall be rated at 6W RMS with tapings to allow for final audible calibrations and adjustment on site. The tapings shall be 1,5Watts, 3 Watts and 6 Watts.
- 5.2.2.30 Ceiling speakers shall comply with BS/EN 60849 type evacuation speakers. The speakers shall be protected by thermal fuse, porcelain connection block, internal fire retardant cabling and metal back can.
- 5.2.2.31 Loudspeakers for use in plant rooms, basement and service areas shall be of the horn type. The sound pressure level is to be equal or exceed 110dBA at 1W/1m.
- 5.2.2.32 The loudspeaker wiring circuits shall be monitored individually (every 100 seconds) to display faults centrally, both visually and audibly. This is to indicate open and short circuit, as well as earth leakage conditions on the speaker lines.
- 5.2.2.33 All rack mounting components shall be housed in suitable 19" racks, designed to accommodate the system. The racks shall be supplied in a multi-bay assembly format.
- 5.2.2.34 The racks shall have fully enclosed rear and front-hinged lockable doors to prevent tampering with level controls and unit inter-wiring. The racks shall have cable entry at the top of the cabinet to enable cable access from the cable trays above. Side panels shall be removable to aid servicing and in multi-bay assemblies shall only be fitted to each end.
- 5.2.2.35 All necessary components for mains power distribution, cooling, support rails, blank panels, termination panels and unit inter-wiring looms shall be provided as necessary to ensure the complete and orderly housing of all the specified systems.
- 5.2.2.36 The central equipment shall operate from dedicated 15A, 240 V, $\pm 10\%$, 50 Hz power supply. Any mains supply conditioning equipment required for the efficient and reliable operation of the system shall be included in the Price List. The onus shall be on the contractor to ensure that adequate capacity shall be available.
- 5.2.2.37 All equipment supplied shall meet the technical requirements as specified.
- 5.2.2.38 Only genuine certified spares and accessories will be considered – no non genuine products will be given any consideration.
- 5.2.2.39 Backup batteries 12V-7AH shall be installed on all modules.
- 5.2.2.40 Fire escape doors that have controlled exit i.e. card readers as stipulated by the City's Representative shall be fitted with a resetable green break glass unit for emergency exit.
- 5.2.2.41 When the unit is activated, an audible alarm shall be sounded. The green call point shall be resetable with a key and not a break glass. If the unit is activated, a 15 W sounder shall be activated until the unit is reset. The sound pressure level of the sounder bomb shall be greater than 100 dBA.
- 5.2.2.42 Should a 19" cabinet be required for a particular project the contractor will be required to provide a suitable cabinet sized for the equipment to be installed in it.

- 5.2.2.43 Any electrical reticulation shall be undertaken by qualified electrical contractors and all work shall be certified in terms of the building regulations.
- 5.2.2.44 3 I/O PLUS Modules or equivalent shall be fully monitored loop powered devices which permit the interfacing of third party equipment with the Fire Alarm Control panel using normally open dry contact connections. Each module shall be fitted with a maximum of 3 inputs and 3 outputs. The connection to each input shall be monitored for fault (open or short-circuit) and Alarm conditions. Module shall be provided with a loop short-circuit isolator and with up to 3 voltage free single pole change over relay outputs. The output relays shall be powered directly from the detection loop. It is not required to use an external 24V DC power supply. Relay operation shall be confirmed by an onboard red LED. An 8 way Dual Inline Package [DIP] switch shall be provided to configure the module's address. This value shall be set in the range 1 to 125. The following programmable functions shall be available: Input Activation Mode, Delayed Input Alarm Activation, Output Delayed Activation. The module features shall include quick activation response, be loop powered, have status LEDs for each Input and Output, with efficient power consumption and integral short-circuit loop isolator.

The I/O Plus or equivalent Modules shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered - 17V to 30V DC
Loop Current – Quiescent (Iq)	1.4mA (1 ch.) - 1.5mA (2 ch.) - 1.6mA (3 ch.)
Loop Current – Alarm	Iq+ 1.2mA for each Input in alarm
Loop Current – Short- Circuit	Iq+ 1.4mA max.
Loop Current - Open Circuit	Iq+ 1.0mA max.
Loop Current – Output	Iq+ 1.1mA for each Output activated
Output Relay Contact Rating	2A 30VDC / 0.5A 125VAC
Maximum Cable size	2.5mm ²
Case Material	ABS
Operating Temperature	-10° C to 50° C
Humidity	95% RH Non-Condensing

- 5.2.2.45 4 and 8 Input Addressable Modules shall be fully monitored devices and shall permit the interfacing of third party equipment with the Fire Alarm Control panel using normally open dry contact connections. The connection to each input shall be monitored for fault (open or short-circuit) and Alarm conditions. The interface shall be used to monitor the contacts of an external system which shall be interfaced to the Fire Alarm, for example a Flow Switch in a sprinkler system to indicate if the sprinklers have been activated, or extinguishant level monitoring in Gas Extinguishing Systems etc. A 4 way DIP. switch shall be provided to configure the module's address. This value shall be set in the range 1 to 125. The module features include quick activation response, be loop powered, have status LEDs for each Input and Output with efficient power consumption.

The 4 and 8 input Addressable Modules shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered - 17V to 30V DC
Loop Current – Quiescent (Iq)	4 Input 2.6mA - 8 Input 3.2mA
Loop Current – Alarm	Iq+ 0.9mA for each Input in alarm
Loop Current – Short- Circuit	Iq+ 0.9mA for each Input in short-circuit
Loop Current - Open Circuit	Iq+ 0.9mA for each Input in open circuit
Output Relay Contact Rating	2A 30VDC / 0.5A 125VAC
Loop Current – Output	Iq+ 1.1mA for each Output activated

Maximum Cable size	2.5mm ²
Case Material	ABS
Operating Temperature	-10° C to 50° C
Humidity	95% RH Non-Condensing

- 5.2.2.46 Standalone Loop Isolator shall be a negative switching loop isolator, designed to isolate short circuits on the addressable detection loop of a Global Fire Equipment Juno-Net or Junior or equivalent control panel and shall have the capability for upto 32 detection devices to be connected between two isolators according to EN54. It shall have LEDs to provide "Loop in" and "Loop out" identification.

The Standalone Loop Isolators shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered - 17V to 30V DC
Loop Current – Quiescent (I _q)	0.25mA @ 28 VDC nominal
Loop Current – Isolated LED On	6.2mA @ 28 VDC nominal
Maximum Series Impedance (Z _{cmax})	28Mohm
Max Rated Switching Current	1A
Maximum Cable size	2.5mm ²
Case Material	ABS
Operating Temperature	-10° C to 50° C
Humidity	95% RH Non-Condensing

- 5.2.2.47 Addressable Magnetic Door Holder units shall have loop powered addressable magnetic door releases and shall be directly powered from the loop. Activation of the unit shall be achieved using cause and effect programming as used for I/O units. If power is removed or communication with the panel is lost, the unit shall automatically release after a maximum of 20 seconds. A built-in loop isolator shall be provided. When a short condition exists in either side of the loop connections, a coloured LED shall be turned ON. It shall be reset after the fault condition is removed. The module shall be fitted with 3 status LEDs. The first status LED shall flash when the device is polled by the addressable panel. The second LED shall be activated when the door release has been activated. This LED shall switch off after panel power up or reset. The third LED will indicate a fault in the module. The module can be activated through programming of the panel and the unit is assigned to a specific device or zone. Upto 20 units can be fitted on a particular loop.

The Addressable Magnetic Door Holder units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered - 17V to 30V DC
Minimum Address Range	125
Loop Current – Quiescent / Charging	800µA (650µA module + 150µA isolator) / 7mA
Isolator – Loop line resistance	60MOhms
Charge up time / Fail safe release time	25s / 20s
Manual Release	Push Button – Normally Open
Maximum Cable Size	2.5mm ²
Operating Temperature	-10° C to 50° C
Humidity	95% RH Non-Condensing
Magnet Holding Force	

- 5.2.2.48 Addressable Manual Call Points shall comply with EN54-11 and shall be compatible with the Addressable Control panels with typical response times, when in alarm of approximately one second, and shall incorporate a Loop Isolator where required, based on the number of call points connected to the device.

LED pulsing shall be enabled when the unit is polled by the control panel and the Red LED shall be activated when there is an alarm condition at the unit's input. Connection to the input shall be monitored for Fault (open or short circuit) and Alarm conditions.

The individual address, upto 125, of each call point is set via an eight way DIP switch. The trigger element shall be protected from accidental activation by a hinged flap. The unit shall be capable of surface and flush mounting and resettable using the supplied key after activation.

The Addressable Manual Call Points shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered 20-30V DC
Current - Quiescent	500µA - 650µA for GFE-MCPE-AI or equivalent
Current – Device in alarm	3.1mA - Yellow LED ON only applies to GFE-MCPE-AI or equivalent
Maximum Cable Size	2.5mm ²
Max. Recommended per loop	30 GFE-MCPE-A or GFE-MCPE-AI
Material	Flame retardant
Protection	IP24D
Humidity	95% RH Non-Condensing
Operating Temperature	-10° C to 55° C

- 5.2.2.49 Conventional Flashing Remote Indicator units shall be used with any fire alarm detector to remotely indicate the activation of the detection device and shall have flashing LEDs, with non-polarised connections.

The Conventional Flashing Remote Indicator units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	3.3V to 10V DC
Supply Current	7mA max
Maximum Cable Size	2.5mm ²
Humidity	95% RH Non-Condensing
Operating Temperature	-10° C to 50° C

- 5.2.2.50 Addressable Input Module units shall be fully monitored and allow interfacing of third party equipment with the Fire Alarm control panel. LED pulsing shall be enabled when the unit is polled by the panel and the Red LED shall be activated when there is an alarm condition at the modules input. Connection to the input shall be monitored for Fault (open or short circuit) and Alarm conditions. The interface is used to monitor the contacts of an external system which must be interfaced to the Fire Alarm System.

The Addressable Input Module units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	

Supply Voltage	Loop Powered - 17V to 30V DC
Loop Current – Quiescent	I/P: OK 0.46mA - FLT OC 0.33mA - FLT SC 0.79 mA
Loop Current – Alarm LED Illuminated	2.0mA
Maximum Cable Size	2.5mm ²
Operating Temperature	-10° C to 50° C
Humidity	95% RH Non-Condensing
Material	ABS

- 5.2.2.51 Addressable Input/Output Module unit shall be fully monitored and permit the interfacing of third party equipment with the Fire Alarm control panel. The unit shall provide a changeover output relay to control ancillary equipment. The LED shall pulse when the unit is polled by the panel. The LEDs shall be activated when there is a fault condition in the module and the Red LED will be activated when there is an alarm condition at the modules input. The connection to the input shall be monitored for Fault (open or short circuit) and Alarm conditions. The output relay shall be powered from the detection loop. Relay operation is enabled by the input activation. The interface used to monitor the contacts of an external system shall be capable of interfacing to the Fire Alarm System. The output relay shall be programmable to allow functionality such as closing fire doors.

The Addressable Input/Output Module units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered - 17V to 30V DC
Loop Current – Quiescent	I/P: OK 0.46mA - FLT OC 0.33mA - FLT SC 0.79 mA
Loop Current – Alarm LED Illuminated	2mA +9.8mA with Relay Active
Maximum Cable Size	2.5mm ²
Operating Temperature	-10° C to 50° C
Protection	IP43
Humidity	95% RH Non-Condensing
Material	ABS

- 5.2.2.52 1-channel Mains Input/Output Module units shall be fully monitored loop powered devices which shall permit interfacing of third party equipment with the Fire Alarm Control panel. Connection to the input of the unit shall be monitored for fault (open or short circuit) and Alarm conditions. The interface shall be used to monitor the contacts of an external system which must be interfaced to the Fire Alarm System. The module shall be provided with a loop short-circuit isolator and with a voltage free single pole change

over mains rated output. The output relay shall be powered from the detection loop and only on approval of the City's Representative, when required, will external DC power be used. The unit shall have an 8 way DIP switch to configure the modules address, with value set in the range 1 to 125. Programmable functions required include: Input Activation Mode, Delayed Input Alarm Activation, Output Delayed Activation. The unit shall have fast activation response, be loop powered, possess status LEDs, with low power consumption, possessing an integral short-circuit loop isolator with single mains rated relay contact.

The One Channel Mains Input/Output Module units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements
Supply Voltage	Loop Powered - 17V to 30V DC

Loop Current – Quiescent	1.3mA
Loop Current – Alarm	2.9mA
Loop Current - Fault	2.9mA (SC) – 2.6mA (OC)
Loop Current – Output Active	2.8mA
Output Relay Contact Rating	8A 250VAC/ 30VDC
Maximum Cable Size	2.5mm ²
Material	ABS
Operating Temperature	-10° C to 50° C
Humidity	95% RH Non-Condensing

- 5.2.2.53 Graphical Supervision and Alarm Management Software shall allow connection of upto 64 Alarm panels to a PC, where each panel shall be displayed and shall be fully controlled remotely from the PC. It shall have password protected programming and when in programming mode allow each panel in the system to be enabled and have capability to import drawings from graphical programmes. Allow graphical addition of detectors and call points via a built-in interface and where device descriptions are obtained from the control panels. When there is a fault or alarm, the location of the incident shall be displayed on the PC screen and the device can be viewed and interrogated and remotely enabled or disabled. It shall keep a log of all events which includes all alarms, fault and programming activities on the system which shall be displayed and when required shall be downloaded or printed. If a second supervision PC is required this shall be connected as a slave via an Ethernet or equivalent IEEE802.3 compliant network to the main computer. Where longer distances are required Fibre Optic cabling shall be used. For remote access TCP/IP communications shall be used. The graphical supervision and alarm management software shall be integrateable and compatible with the existing FMES.

The Graphical Supervision and Alarm Management Software shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Hardware	Processor 2.5Ghzr
Operating System	Windows 10 Professional
Memory	8Gb
Supported Screen Resolution	1920x1080

- 5.2.2.54 Addressable Sprinkler Switch Module unit shall be fully monitored and permit the interfacing of sprinkler switch systems with the Fire Alarm Control panel using normally open dry contact connections while also providing a changeover output relay. The Sprinkler Switch Module shall have an integrated LEDs which shall be activated whenever the module is disabled or when there is an alarm condition at the modules input. The connection to the input shall be monitored for Fault (open or short circuit) and Alarm conditions. The output relay is powered from the detection loop and the relay shall be driven by the condition of the input. When the input is in alarm the relay shall be activated otherwise it shall remain deactivated, however, this condition shall only result while the module is not disabled. The sprinkler switch module interface shall be capable of being used to monitor the contacts of an attached external sprinkler system which is attached to the Fire Control panel. This shall provide a means to switch off the alarm condition to the Fire Panel while showing a clear status indication.

The Addressable Sprinkler Switch Module unit shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered - 17V to 30V DC
Loop Current – Quiescent	OK 0.55mA - FLT OC 0.47mA - FLT SC 1.2mA
Loop Current – Alarm LED Illuminated	1.5mA (+ 6mA only during Relay Changeover 20ms pulse)
Maximum Cable Size	2.5mm ²
Operating Temperature	-10° C to 50° C
Protection	IP43
Humidity	95% RH Non-Condensing
Material	ABS

- 5.2.2.55 The VALKYRIE or equivalent Addressable Beacon shall be a wall mounted beacon. Upto 32 Individual Addressable Beacons shall be capable of being installed per loop, configured with addresses, dependent on the Fire Alarm panel, in the range from 94 through 125, with the addresses set using switches 1 to 5 of the 8 way DIP switch.

Where individual address reporting is not required the unit shall be configured as a Shadow Beacon where sounders do not occupy an address in the loop, releasing addresses for more detection devices. Shadow Beacons draw current from the loop and are to be included in the loop load calculations.

The Addressable Beacons shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	20V to 30V DC
Loop Current – Quiescent	0.5mA
Maximum Loop Current – Alarm Beacon	3mA
Maximum Cable Size	2.5mm ²
Operating Temperature	-10° C to 50° C
Protection	IP44 – Type A - Indoor use
Humidity	95% RH Non-Condensing
Material	ABS

- 5.2.2.56 The VALKYRIE or equivalent Addressable Wall Mount Sounder/Beacon shall be EN54-3 Type A certified, be a wall mountable sounder/beacon. Upto 32 Individual Addressable beacons shall be capable of being installed per loop and be configured with addresses, dependent on the Fire Alarm panel, in the range from 94 through 125, with addresses set using switches 1 to 5 of the 8 way DIP switch. The unit shall be capable of providing four different tones which are selected using DIP switches 6 and 7.

Where individual address reporting is not required the unit shall be configured as a Shadow Beacon where sounders do not occupy an address in the loop, releasing addresses for more detection devices. Shadow beacons draw current from the loop and are to be included in the loop load calculations.

The Addressable Wall Mount Sounder/Beacon units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	20V to 30V DC
Loop Current – Quiescent	0.5mA
Loop Current – Sounder / Beacon Active	10mA @ 28V DC inc. isolator;
Maximum Sounder Output	10W (inc. isolator – 30V DC)
Maximum Cable Size	2.5mm ²

Operating Temperature	-10° C to 55° C
Protection	IP21C – Type A – Indoor use
Humidity	95% RH Non-Condensing
Material	ABS

- 5.2.2.57 The VALKYRIE or equivalent Outdoor Addressable Sounder/Beacon units shall be EN54-3 Type B certified, be wall mountable specifically designed to be used outdoors. Upto 32 Individual Addressable beacons shall be capable of being installed per loop configured with addresses, dependent on the Fire Alarm panel, in the range from 94 through 125, with addresses set using switches 1 to 5 of the 8 way DIP switch. The unit shall be capable of providing four different tones which are selected using DIP switches 6 and 7.

Where individual address reporting is not required the unit shall be configured as a Shadow Beacon where sounders do not occupy an address in the loop, releasing addresses for more detection devices. Shadow beacons draw current from the loop and are to be included in the loop load calculations.

The Outdoor Addressable Sounder/Beacon units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	20V to 30V DC
Loop Current – Quiescent	0.5mA
Loop Current – Sounder / Beacon Active	10mA - 280mW @ 28V DC inc. isolator
Maximum Sounder Output	108dBA (@ 1 meter – 30V DC)
Maximum Cable Size	2.5mm ²
Operating Temperature	-25° C to 70° C
Protection	IP65 – Type B – Outdoor use
Humidity	95% RH Non-Condensing
Material	ABS

- 5.2.2.58 The VALKYRIE Vox A Addressable Voice Sounder shall be wall mountable. Upto 32 Individual Addressable sounders shall be capable of being installed per loop and configured with addresses, dependent on the Fire Alarm panel, in the range from 94 through 125, with addresses set using switches 1 to 5 of the 8 way DIP switch. The unit

5.2.2.59

shall be capable of being programmed from the Control Panel and capable of broadcasting upto 5 messages including Alert, Fire, Evacuation, Test and Silence Message. The unit shall be loop controlled and loop powered.

Where individual address reporting is not required the unit shall be configured as a Shadow beacon where sounders do not occupy an address in the loop, releasing addresses for more detection devices. . Shadow beacons draw current from the loop and are to be included in the loop load calculations.

The Outdoor Addressable Sounder/Beacon units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	20V to 30V DC
Loop Current	0.7mA (Quiescent) 7.5mA Max. (Sounder active or Beacon active)

Loop Current – Alarm Beacon	1.4mA
Sounder Output @ 1 Meter	Tone 104dBA – Voice Message 107dBA
Maximum Cable Size	2.5mm ²
Operating Temperature	-10° C to 50° C
Protection	IP21C – Type A – Indoor use
Humidity	95% RH Non-Condensing
Material	ABS

- 5.2.2.60 The ZA830 or equivalent Addressable Multi-Sensor unit shall be compliant with EN54-5 and EN54-7, providing fast and reliable response to fire conditions, be addressable via a dipswitch at the rear of the detector. The smoke and heat portion of the multi-sensor shall be capable of being disabled at the panel or via the dipswitch. The unit shall be fully compatible with the control panels.

The unit shall have dual LEDS, to indicate status of the device, with fixed and rate of rise heat detection, with dip switch addressing.

The Addressable Multi-Sensor units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered 17-30V DC
Current – Quiescent / Surge	530µA Max.
Current – Device in Alarm	2mA – Alarm LED illuminated
Sensitivity	According to EN54-5 and EN54-7
Maximum Cable Size	2.5mm ²
Maximum Reset / Start-up times	20s
Smoke Sensitivity Settings	Low / Normal (default) / High
Heat Alarm Setpoints	55° C to 65° C (default) / 75° C / 85° C
Multi-sensor modes	Heat/ Smoke / Combined (default)
Material	ABS
Normal / Transient Operating Temperature	0° C to 50° C / -10° C to 85° C
Humidity	95% RH Non-Condensing

- 5.2.2.61 The ZA831 or equivalent Addressable Multi-Sensor Sounder unit shall be compliant with EN54-5, EN54-7, EN54-4 and EN54-23, providing fast and reliable response to fire conditions and be addressable via a dipswitch at the rear of the unit. The smoke and heat portion of the multi-sensor sounder unit shall be capable of being disabled at the panel or via the dipswitch. The unit shall be fully compatible with the control panels.

The unit shall have dual LEDS, to indicate status of the device, with fixed and rate of rise heat detection, with dip switch addressing.

The Addressable Multi-Sensor Sounder units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered 17-30V DC
Current – Quiescent / Surge	530µA Max.
Current – Device in Alarm	2mA – Alarm LED illuminated
Current – Detector & Sounder Beacon in Alarm	5mA – Alarm LED illuminated
Sensitivity	According to EN54-5 and EN54-7
Maximum Cable Size	2.5mm ²
Sounder Output	80dB
Maximum Reset / Start-up times	20s
Smoke Sensitivity Settings	Low /

Heat Alarm Setpoints	55° C to 65° C (default) / 75° C / 85° C
Multi-sensor modes	Heat/ Smoke / Combined (default)
Material	ABS
Normal / Transient Operating Temperature	0° C to 50° C / -10° C to 85° C
Humidity	95% RH Non-Condensing

- 5.2.2.62 The Addressable Zone Monitoring unit is a fully monitored interface module, which shall be used to connect current limited conventional detectors to the Fire Control panel via the detection loop. The detectors are then viewed as one address at the addressable control panel. The unit shall be capable of being powered from the loop or an external power supply and the detector line shall be monitored. The unit shall have LED status indicators showing the operational status of the module.

The Addressable Zone Monitoring units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Supply Voltage	Loop Powered - 20V to 30V DC
Current – Quiescent / Surge	1.8mA (Quiescent) - 3.2mA (Zone OC) 25mA (FIRE) - 38mA (Zone Short-Circuit)
Loop Current – External Supply	0.5mA
Current – External Supply	4.5mA (Quiescent) - 4.5mA (Zone OC) @ 28V DC nominal 29mA (FIRE) - 44mA (Zone Short-Circuit) @ 28V DC nominal
Maximum Conventional Devices per Zone	32
Maximum No. of Modules per Loop	20
Maximum Cable Size	2.5 mm ²
Operating Temperature	-10° C to 50° C
Material	ABS
Humidity	95% RH Non-Condensing

- 5.2.2.63 Network Analogue Addressable Control Panel units shall have from 1 to 4 addressable loops, be capable of being networked using the chameleon network protocol or equivalent, with upto 32 panels in a single system. The unit shall have a graphical backlit display with pictorial and customizable elements. Shall be able to communicate with graphical interface and third party Building Management Systems through a Modbus or equivalent protocol. Be capable of communicating with a Repeater unit using any of the networking interfaces of the chameleon or equivalent protocol. The unit shall have USB connection, built-in fire and fault relays, built-in programmable inputs, switched auxiliary supply output, with loop capacity of 125 detectors/callpoints/modules and upto 96 sounders. There shall be a PC Graphics data output, customizable delay options, logic functions between zones and devices, 1024 programmable zones, 1024 programmable IO groups, 1024 programmable sounder groups, event log with 10000 entries and can be surface or recess mounted.

The Network Analogue Addressable Control Panel units shall meet or exceed the following minimum functional and technical requirements as specified below

Technical Specifications	
Description	Specified Requirements.
Maximum Nominal Primary Supply	2.3A @ 28V DC
Power Supply Rating	65W
Secondary Supply	21.0 Min. 28V DC -BAT charger w/p.

Batteries (Internal)	2 x 12V 7AH
Quiescent Current (4 Loops No Devices)	65mA
Aux Power Output	28 V DC 300 mA
Loops (Maximum 150mA per loop)	4 loops
Conventional Sounder Circuits	2 - 500 mA Max. current drive per circuit - Fully monitored
Aux Relays Fire	2 rated 2A @ 30 V DC resistive / 0.5A @ 120 V AC resistive
Aux Relay Fault	1 rated 2A @ 30 V DC resistive / 0.5A @ 120 V AC resistive
Operating Temperature	-10°C to 50°C
Storage Temperature	-10°C to 50°C
Humidity	Max 95% RH Non-Condensing
Protection	Surface Mount: IP30, Recessed Mount: IP65

5.2.3 White Noise System

- 5.2.3.1 The White Noise Small Control Module shall be for small single zone spaces upto 1100 m² and shall have 1 zone, with upto 120 emitters, 1 audio input for paging or music, contact closure shutoff with software panel lock and be surface mountable. The White Noise Small Control Module shall be QT 100 control module or equivalent and compatible.

Technical Specifications	
Description	Specified Requirements
Maximum total power consumption	7W
Auxiliary audio inputs:	5000 Ohms, dry line-level input (+4dBu max)
Power Supply Operating Voltage	Input: 100 – 240VAC @ .6A – Output:24VDC @ 1Amp
FCC Part 15, RoHS Compliant:	Yes

- 5.2.3.2 The White Noise Medium Control Module shall be for medium sized zone spaces upto 3500 m² and shall have upto 3 zones, with upto 120 emitters per zone, 2 audio inputs for paging and music, have a front panel LCD, contact closure shutoff with software panel lock and be wall mountable. The Medium Control Panel shall have time-of-day scheduling, adjustable equalizer for masking and audio inputs, built-in clock with battery backup, including brackets with Ethernet or equivalent IEEE802.3 compatible port and be capable of third party (API/Ethernet or equivalent IEEE802.3 compatible), web interface control. The White Noise Medium Control Module shall be the Qt 300 control module or equivalent and compatible.

Technical Specifications	
Description	Specified Requirements
Maximum total power consumption	15W
Auxiliary audio inputs:	5000 Ohms, dry line-level input (+4 dBu max)
Power Supply Operating Voltage	Input: 100 – 240VAC @ .9A – Output:24VDC @ 1.5A
FCC Part 15, RoHS Compliant:	Yes

- 5.2.3.3 The White Noise Large Control Module shall be for large multi-zone sized zone spaces upto 7000 m² and shall have upto 6 zones, with upto 120 emitters per zone, 2 audio inputs for paging and music, have a front panel LCD, contact closure shutoff with software panel lock and be wall mountable. The Large Control Module shall have time-of-day scheduling, adjustable equalizer for masking and audio inputs, built-in

clock with battery backup, include brackets with Ethernet or equivalent IEEE802.3 compatible port and be capable of third party (API/Ethernet or equivalent IEEE802.3 compatible), web interface control. The White Noise Largw Control Module shall be the Qt 600 control module or equivalent and compatible.

Technical Specifications	
Description	Specified Requirements
Maximum total power consumption	27W
Auxiliary audio inputs:	5000 Ohms, dry line-level input (+4 dBu max)
Power Supply Operating Voltage	Input: 100 – 240VAC @ .9A – Output: 24VDC @ 1.5A
FCC Part 15, RoHS Compliant	Yes

- 5.2.3.4 White Noise Room control shall allow users to adjust the sound masking level for an individual room or space and comprise centerplate, faceplate and knob. The Room control shall have at least 6 separate volume settings from -10.0 dB to 0.0 dB and contain a bottom level setting installer, selectable between mute and -10.0 dB. The Room control shall control upto 8 Emitters and 14 Active Emitters. It shall be mountable in a standard electrical box and include open back low voltage brackets. The Room control shall the Qt Room Contro or equivalent and compatible.

Technical Specifications	
Description	Specified Requirements
External Power Required	No
Input/Output Wire Specifications	CAT 3, 5, 6

- 5.2.3.5 A Command Center platform shall allow for the administration, management, and adjustment of multiple control modules across an enterprise. The platform shall be user friendly and allow accessing control modules on a corporate LAN, discarding the need to access multiple control modules manually. The Command Center ensures optimal system performance remotely and shall be compatible with Windows 10 Professional or newer version.
- 5.2.3.6 The Networked Sound Masking System shall be PoE (Powered over Ethernet), enable every speaker to be individually configured to receive one or more of eight network audio channels, and the output of one or more of four sound masking generators.
- 5.2.3.7 The Networked Sound Masking Speaker Controller PoE unit shall be capable of receiving eight network audio channels, shall have eight speaker outputs designed to power network capable speakers, where each speaker output has independent control and access to the eight audio network channels and four internal sound masking generators. The DSP matrix mixer shall allow any combination of channels to be delivered to any speaker.

Technical Specifications	
Description	Specified Requirements
Outputs	8
Minimum Output Impedance	4 Ohms Nominal
Non Coherent Masking Generators – Assignable to any Output Sound Masking Sources	4

User Adjustable Masking Equalization	ISO 1/3 Octave bands from 100Hz to 10kHz
Maximum Power Consumption	12W
Operating Temperature	0°C to 40°C
ETL UL60065 and UL2043 Certified	Yes
LAN connector type	RJ-45
Output	800mW @ 8 Ohm per Output

- 5.2.3.8 The Plenum and Open Structure Speaker shall have a streamlined appearance, have single point suspension for easy installation, be ETL listed to conform to UL1480 and CSA C22.260065.

Technical Specifications	
Description	Specified Requirements
Sound Masking Frequency Response	100Hz to 8kHz
Sensitivity	92dBA @ 1W
Cabling	0.8mm ² two conductor
Nominal Impedance	8 Ohms

- 5.2.3.9 Networked Sound Masking Software shall facilitate sound masking automation. The software shall provide professional level controls and allow the recalling of previously configured settings and profiles with a single touch. The Software shall allow user defined sound masking schedules to be assigned on a per zone basis. Shall have the capability to adjust every individual speaker independently through volume and channel selection. An optional contact closure module shall provide external triggers for system functions and shall operate on Windows 10 or newer or equivalent operating system.
- 5.2.3.10 Networked Sound Masking, Paging and Music Processor shall be an eight channel sound masking processor with full networking capability. It shall be capable of being used as the paging and music interface for the networked system or as the masking generator, paging, and music interface.

Technical Specifications	
Description	Specified Requirements
Maximum power consumption	21.5W
Inputs	8 balanced inputs with level controls, equalizers, and compressors.
Sound masking generators	With 1/3 octave band EQ, high and low pass filters.
ETL UL60065 compliant	Yes

- 5.2.3.11 The Digital masking generator shall have adjustable volume with low pass filter for tuning. The amplifier shall provide power for upto 25 speakers or approximately 557m² or for upto 40 speakers or approximately 929m².
- 5.2.3.12 The amplifier shall have selectable 80Hz 2nd-order Hi-pass filter, limiter, and input gain per channel, with remote DC level control per channel with extensive protection circuitry and continuously variable cooling fan.
- 5.2.3.13 Attenuator shall be capable of eleven-stage attenuation control (from 0 to 10) in 1.5dBA increments. Connections shall be made with plug into the rear mounted connector.
- 5.2.3.14 The Masker shall be used to ensure eavesdropping on pipes and ducts and resonate the plane of any wall along the perimeter of the building. It shall be installed in the perimeter of the building.

ducts and round ducts and walls with sound masking, while not causing pressure to drop or alter when applied to ductwork and have individual level adjustment with durable plenum-rated metal housing.

Technical Specifications	
Description	Specified Requirements
Sound Masking Frequency Response	100Hz – 8kHz
Cabling	0.8mm ² two conductor
Impedance	8 Ohm
Transformer	Primary 70V, Secondary 8 Ohms, switch positions: 1/8, 1/4, 1/2, 1, 2, 4 Watts

- 5.2.3.15 The window, door and wall maskers shall be used against human and electronic eavesdropping by applying full bandwidth sound masking. The unit shall be attachable to the interior of any window, door or wall surfaces. The unit shall not require a separate transformer and shall accept a mix of sound masking, music and misinformation signals.

Technical Specifications	
Description	Specified Requirements
Sound Masking Frequency Response	100Hz – 8 Hz
Cabling	0.8mm ² two conductor
Impedance	8 Ohm
Transformer	Primary 70V, Secondary 8 Ohms, switch positions: 1/8, 1/4, 1/2, 1, 2, 4 Watts

- 5.2.3.16 The Emitters shall have wide dispersion direct speakers with 1.25" drivers. The small driver size shall allow approximately 180 degree distribution of direct field sound masking and provide four uncorrelated audio channels to prevent phasing/comb-filtering. The DIP switches shall reduce the volume level upto 9db in 3 db increments for easy microzoning and come with a slip ring for acoustical tile mounting. The Emitters shall be suitable for use in air handling spaces and comply with UL 2043. Emitters shall be Qt Emitters or equivalent compatible.

Technical Specifications	
Description	Specified Requirements
Sound Masking Frequency Response	200Hz - 5kHz
Masking Min – Max SPL:	30dBA – 60dBA @ 1m
Category UTP Cabling (8 conductor):	Yes
Input / Output – RJ45 Modular Jack	Yes
UL 2043 compliant	Yes

- 5.2.3.17 Emitter mounting accessories required shall include a Universal Bracket for mounting the emitter to a wall or ceiling, which rotates in 45 degree increments for optimal sound dispersion. A drywall conduit for mounting the emitter into hard ceilings in areas requiring conduit mounting shall be provided, as well as a beam bracket for mounting the emitter to exposed i-beams or trusses. The plenum back can shall facilitate mounting the emitter into acoustic ceiling tile in regions with special fire and/ or conduit requirements and drywall for mounting the emitter into drywall ceilings, complete with Emitter caps for masking the Emitters.

- 5.2.3.18 Active Emitters shall be actively powered at 125 Hz octave band for sound masking and frequency extension down to 125 Hz. Active E shall be suitable for use in air handling spaces, with UL 2043 and

shall deliver four uncorrelated audio channels to prevent phasing / comb-filtering, with a slip-ring mount for acoustical tile mounting. The Active Emitter shall have rear DIP switches which reduce volume by upto 4.5 dB in 1.5 dB increments. Active Emitters shall be Qt Active Emitters or equivalent compatible.

Technical Specifications	
Description	Specified Requirements
Masking Frequency Response:	125Hz - 10kHz
Music / Paging Frequency Response:	115Hz - 12kHz (-10dB)
Masking Min - Max SPL:	30dBA - 60dBA @ 1m
Category UTP Cabling (8 conductor)	Yes
Input / Output - RJ45 Modular Jack	Yes
UL 2043 compliant	Yes

5.2.4 Aspirating Smoke Detection System

5.2.4.1 Aspirating Systems - Base Units

- 5.2.4.1.1 Aspirating Smoke Detector 1 sampling pipe / Detector, shall be designed for smaller monitoring areas of upto 720m², equipped with a highly sensitive smoke sensor using a single sampling pipe network and shall be capable of accommodating expansion modules.

Technical Specifications	
Description	Specified Requirements
Mains voltage	14 to 30V DC
Ambient temperature	-10° C to + 55° C
Protection class	IP 54
Case Cover	ABS-Blend, UL 94-V0
EN 54-20 Class A, B and C, EN 54-27 compliant	Yes
Maximum sampling pipe length	75m
Monitoring area	720m ²

- 5.2.4.1.2 Aspirating Smoke Detector 1 sampling pipe / Detector, 1 Smoke level display, shall be designed for medium monitoring areas of upto 1280m² and shall be equipped with highly sensitive smoke sensor using a single sampling pipe network, which shall be capable of accommodating expansion modules. The smoke level measured shall be indicated on a bar graph display.

Technical Specifications	
Description	Specified Requirements
Mains voltage	14 to 30V DC
Ambient temperature	-20° C to + 60° C
Protection class	IP 54
Case Cover	ABS-Blend, UL 94-V0
EN 54-20 Class A, B and C, EN 54-27 compliant	Yes
Maximum sampling pipe length	120m
Monitoring area	1280 ²

- 5.2.4.1.3 Aspirating Smoke Detector 2 sampling pipes / Detectors, 2 Smoke level displays, shall be designed for medium monitoring areas of upto 1280 m², equipped with highly sensitive smoke sensor using a single sampling pipe network. The smoke level that is measured shall be indicated on a bar graph display. Capable of accommodating expansion modules.

Technical Specifications	
Description	Specified Requirements
Mains voltage	14

Ambient temperature	-30° C to + 60° C
Protection class	IP 54
Case Cover	ABS-Blend, UL 94-V0
EN 54-20 Class A, B and C compliant	Yes
Noise level	32dBA
Maximum sampling pipe length	300m
Monitoring area	5760 m ²

5.2.4.2 Smoke Sensors

- 5.2.4.2.1 The smoke sensor shall have settable pre-signals which can be set between 10% and 90% of the alarm threshold.

Technical Specifications	
Description	Specified Requirements
Sensitivity alarm	0.02%/m – 10%/m
Sensitivity range pre-signals	0.002%/m – 9%/m
Ambient temperature	-30° C to + 60° C

5.2.4.3 Loop I/F module

- 5.2.4.3.1 The loop interface shall bring alarms and faults to the fire alarm panel and allow the resetting of the aspirating smoke detector. The module shall include brackets, screws and ribbon cable.

5.2.4.4 Relay I/F module

- 5.2.4.4.1 The Relay I/F module shall have 5 relays with changeover contacts. The relays shall be assignable to aspirating smoke detection triggers or events. The module shall come with mounting mounting brackets, screws and ribbon cable.

5.2.4.5 Memory Card Module

- 5.2.4.5.1 The Memory Card module shall allow tracing of upto 16 Million events and be capable of storing analogue values such as airflow and smoke concentration of at least 83 days worth, depending on the stored log interval.

5.2.4.6 SD-Card Industrial

- 5.2.4.6.1 The Industrial SD Card shall be at least 4GB (Industrial grade) for use with the aspirating smoke detection sensors.

5.2.4.7 Serial Master Module for Networking of Special Fire Detectors

- 5.2.4.7.1 The Serial Master interface shall connect the networked RS485 aspirating smoke detectors to a USB port of a PC. The interface shall be USB powered.

Technical Specifications	
Description	Specified Requirements
Power Supply	USB powered / 5VDC
Operating temperature	-30° C to +60° C

GRO

5.2.4.8 Planning and Calculation Software

- 5.2.4.8.1 The Planning and Calculation software (Pipeflow or equivalent) shall be capable of planning symmetric and asymmetric sampling pipe topologies.

5.2.5 Fire Suppression System

- 5.2.5.1 The Fire Suppression system shall be an INERGEN or equivalent system.

- 5.2.5.2 The system shall be capable of providing the required amount of INERGEN or equivalent to obtain a uniform (minimum) concentration as required and shall take unclosable openings, time required for dampers to close or any other factor affecting concentration into account.

- 5.2.5.3 The system shall be automatically activated and provide cross-zoned or counting zone smoke detection. The system shall on activation of the releasing stations release INERGEN or equivalent agent and cause alarms to activate. Abort stations shall be used to interrupt the discharge of INERGEN or equivalent agent and manual releasing station activation shall be capable of cancelling abort stations.

- 5.2.5.4 The Operational functionality of the Fire Suppression System for activation of smoke detector in detector zone and completion of the time delay shall be as follows:

- a) Cause an alarm and transmit to remote monitoring or building alarm panel.
- b) Cause alarm siren to sound.
- c) Provide warning indicator (Light on activated detector and control panel).
- d) Initiate a programmable time delay for release.
- e) Abort switch operation.
- f) Cause discharge alarm to sound.
- g) Activate visual alarms at protected area entrance.
- h) Energize actuator for INERGEN or equivalent cylinders releasing gaseous agent into the protected area.
- i) Operate auxiliary contacts for emergency power off.
- j) Energize actuator for appropriate selector valves.

- 5.2.5.5 The actuator shall possess a brass hexagonal body, brass piston, threaded front section and have wiring extending out the back end. The internal electrically detonator component shall conform to 91/155/EEC and ISO 11014-1.

- 5.2.5.6 The Solenoid (Ci IS 8B or equivalent) shall activate the (Ci IV8 or equivalent valves), either directly or with the use of either the Ci PA8 or SV SV CiC or equivalent adapters. The solenoid shall utilize neodymium magnets thus reducing the number of moving parts to a minimum. The device shall be available either as a standard solenoid or as a solenoid with built-in manual activator. The device shall feature built-in end of line resistor allowing monitoring of the complete activation circuit. The Solenoid shall possess a built-in current limiter which reduces the power consumption after it has been activated.

5.2.6 Emergency Lighting System

- 5.2.6.1 The Emergency Lighting System (Firescape or equivalent) shall be based around an addressable control panel with battery back-up and feature self contained luminaires and signage connected with screened, extra-low voltage cabling, with lighting units fitting onto the standard sensor base.
- 5.2.6.2 The system shall be based on LED (Light Emitting Diode) solutions and be capable of controlling the condition of LED lights and batteries and providing status information either locally on a keypad or graphically at the control centre.
- 5.2.6.3 The system shall allow luminaires and emergency exit signs to share the same circuit with luminaire lines capable of upto 127 devices per line.
- 5.2.6.4 The system's luminaires shall have stand-by batteries with automatic luminaire and LED health testing features.
- 5.2.6.5 The Addressable Control Panel (EL-2 or equivalent) shall feature 2 lines, each capable of connecting 127 exit signs, route lights or I/O units. The panel shall supply operational voltage to light units under normal conditions, with monitored event information saved in the memory of the control panel.

5.3 REGISTRATION WITH THE FIRE DETECTION INSTALLERS ASSOCIATION (FDIA) AND SOUTH AFRICAN QUALIFICATION AND CERTIFICATION COMMITTEE (SAQCC) FIRE

- 5.3.1 Tenderers shall provide a certified copy of their certificate of registration with the Fire Detection Installers Association (FDIA) or equivalent recognised professional fire protection authority. The Tenderer shall provide evidence in Schedule 16M.
- 5.3.2 Tenderers shall provide proof of registration of authorised staff with SAQCC Fire. The Tenderer shall provide the evidence in Schedule 16F.

5.4 INSTALLATION AND COMMISSIONING

- 5.4.1 The successful Tenderer shall be responsible for the installation and successful commissioning of the equipment and systems. This shall include but not be limited to power installations, cabling, software and equipment.
- 5.4.2 The installation shall be of an industry recognised standard to the satisfaction of the City's Representative.
- 5.4.3 Contractors shall be expected to start an installation and complete it before starting a new installation using the same team.
- 5.4.4 All cables shall be properly marked end to end, to enable easy tracing from accurate as-built documentation.
- 5.4.5 A detailed diagram of the installation indicating positions, routes and terminations shall be supplied to the CCT as part of the hand over documentation, on completion of each new installation and the cost thereof included in the tender price.
- 5.4.6 Network cables shall be marked end to end and clearly identified on a schematic diagram created on Auto-CAD or Visio. Tenderers shall provide a schematic diagram as part of the Bid in Schedule 16.

- 5.4.7 All the cost with respect to installation and commissioning shall be included in the tender price.
- 5.4.8 All communication cables shall be twisted pair-screened cabling.
- 5.4.9 The fire retardant cable shall be PH30 cable in compliance with SANS 10139. The core of the cables used shall have a minimum cross section of 1.5 mm² and shall be clearly identifiable as fire cable.
- 5.4.10 Cables shall be secured to cable trays where required.
- 5.4.11 All surface cables shall be housed in suitable trunking/conduit.
- 5.4.12 No rip or indoor cable shall be used unless specified by City's Representative.
- 5.4.13 No solid core cable shall be used.
- 5.4.14 All wiring that is polarity dependant shall be colour coded.
- 5.4.15 All conduits shall be continuous and if EGA trunking is used, all lengths shall be joined by 45 degree mitre cuts only.
- 5.4.16 The onus shall be on the contractor to ensure that all wire-ways allow for adequate capacity and all cables shall have a minimum of one metre slack, where appropriate.
- 5.4.17 All installations and/or maintenance shall be of an industry recognised standard, acceptable to the City's Representative and any deviations from expected standards shall be rectified before additional orders are placed.
- 5.4.18 The successful contractor will be required to provide quotations for each additional job based on the price schedules for the duration of the contract period.
- 5.4.19 The successful contractor will have to familiarise themselves with the cable routes and keep accurate records of work done and ensure that the current records are maintained.
- 5.4.20 It is the responsibility of the contractor to do his own quality checks and snagging in order to ensure that the completed works comply with the specification in every respect. On completion of the Works or agreed section of the Works, the contractor shall notify the City's Representative that the Works are ready for inspection. The contractor shall provide adequate notice and facilitate the Works inspection. Should the Works require remedial action, the City's Representative shall issue a snag list for action by the Contractor
- 5.4.21 Thereafter, and upon notification by the contractor of completion of the snagged items, the City's Representative shall re-inspect these items in order to de-snag them. Only upon the de-snagging of all items on the list or those snag items in an agreed section of the Works, shall the Works, or such section of the Works as agreed upon, be deemed to be complete for handing over purposes. Until such a completed state is achieved, the Works, or those sections of the Works as defined, shall remain under the contractor's responsibility and be insured by him.

5.6 MAINTENANCE

- 5.6.1 The successful contractor shall provide the first, second line and high level support and shall be required to provide quotations for each job based on the price schedules for the duration of the contract period.

- 5.6.2 Overtime shall be paid for work done on the specific prior request of the City's Representative, or for work that can only be carried out after normal working hours, with prior approval of the City's Representative.
- 5.6.3 Tenderers shall include in the detailed and comprehensive price list all necessary components and accessories to achieve a fully functional installation.
- 5.6.4 The successful contractor will have to familiarise themselves with the cable routes and keep accurate records of work done and ensure that the current records are maintained .
- 5.6.5 The City's Representative shall be appraised of all repairs in order to verify and accept the fully functional Works before payment is recommended.
- 5.6.6 The first, second line and high level support and faulty equipment replacement shall include all the hardware and software required to maintain fully functional Fire Alarm Systems, Equipment and Ancillaries .

5.7 TRADE NAMES OR PROPRIETARY PRODUCTS

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".

All descriptions or clauses where trade names or proprietary products are specified herein, are deemed to include the phrase "or equivalent."

5.8. EMPLOYMENT OF SECURITY PERSONNEL

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

5.9 FORMS FOR CONTRACT ADMINISTRATION

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

- a) Monthly Project Labour Report (**Annex 3**).
- b) B-BBEE Sub-Contract Expenditure Report (**Annex 4**).
- c) Joint Venture Expenditure Report (**Annex 5**).

The Monthly Project Labour Report must include details of all labour (including that of sub-contractors) that are South African citizens earning less than R350.00 per day, as adjusted from time to time (excluding any benefits), who are employed on a temporary or contract basis on this contract in the month in question.

In addition to the Monthly Project Labour Report the Supplier shall simultaneously furnish the CCT's Agent with copies of the employment contracts entered into with such labour, together with certified copies of identification documents 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.

The Monthly Project Labour Reports shall be completed and submitted in accordance with the instructions therein.

The **B-BBEE Sub-Contract Expenditure Report** is required, ensuring the supplier's compliance with the sub-contracting conditions of the **Preference Schedule**.

The Joint Venture Expenditure Report is required for monitoring the joint venture's/consortium/partnership compliance with the percentage contributions of the partners as tendered, where the joint venture/consortium/partnership has been awarded preference points in respect of its consolidated B-BBEE scorecard.

(6) CONDITIONS OF TENDER**6.1 General****6.1.1 Actions**

6.1.1.1 The City of Cape Town (CCT) and each tenderer submitting a tender offer shall comply with these Conditions of Tender. In their dealings with each other, they shall discharge their duties and obligations as set out in these Conditions of Tender, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations.

The parties agree that this tender and its acceptance shall also be subject to the terms and conditions contained in the CCT's Supply Chain Management Policy ('SCM Policy').

Abuse of the supply chain management system is not permitted and may result in the tender being rejected, cancellation of the contract, restriction of the supplier, and/or the exercise by the City of any other remedies available to it.

6.1.1.2 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.

6.1.1.3 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.

6.1.2 Interpretation

6.1.2.1 The additional requirements contained in the returnable documents are part of these Conditions of Tender.

6.1.2.2 These Conditions of Tender and returnable schedules which are required for tender evaluation purposes, shall form part of the contract arising from the invitation to tender.

6.1.3 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 by its Director: Supply Chain Management or his nominee.

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

6.1.4.1 The CCT may accept or reject any tender offer and may cancel the 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; or
- (d) there is a material irregularity in the tender process.

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.

6.1.5 Procurement procedures**6.1.5.1 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.

6.1.5.2 Proposal procedure using the two stage-system

A two-stage system will not be followed.

6.1.6 Objections, complaints, queries and disputes/ Appeals in terms of Section 62 of the Systems Act/ Access to court**6.1.6.1 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 City of Cape Town in the implementation of its supply chain management system, may lodge within 14 days of the decision or action, a written objection or complaint or query or dispute against the decision or action.

6.1.6.2 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 City, may appeal against that decision by giving written notice of the appeal and reasons to the City Manager within 21 days of the date of the notification of the decision.
- b) An appeal must contain the following:
- i. Must be in writing
 - ii. It must set out the reasons for the appeal
 - iii. It must state in which way the Appellant's rights were affected by the decision;
 - iv. It must state the remedy sought; and
 - v. It must be accompanied with a copy of the notification advising the person of the decision

6.1.6.3 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).

6.1.6.4 All requests referring to sub clauses 6.1.6.1 and 6.1.6.2 must be submitted in writing to:

The City Manager - C/o the Manager: Statutory Compliance Unit, Legal Services Department, Corporate Services and Compliance Directorate

Via hand delivery at:

Via post at:

Via fax at:

Via email at:

6.1.6.5 All requests referring to clause 6.1.6.3 regarding access to information or reasons must be submitted in writing to:

The City Manager - C/o the Manager: Statutory Compliance Unit, Legal Services Department, Corporate Services and Compliance Directorate

Via hand delivery at:

Via post at:

Via fax at:

Via email at:

6.1.7 City of Cape Town Supplier Database Registration

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

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

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

6.1.8 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 '

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

6.2 Tenderer's obligations

6.2.1 Responsiveness Criteria

6.2.1.1 Tenderers are obligated to submit a tender offer that complies in all aspects to the conditions as detailed in this tender document. Only those tenders that comply in all aspects with the tender conditions, specifications, pricing instructions and contract conditions will be declared to be responsive.

6.2.1.1.1 Submit a tender offer

Only those tender submissions from which it can be established 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.

6.2.1.1.2 Compliance with requirements of CCT SCM Policy and procedures

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

- a) Full name of tendering entity to be provided;
- b) Identification number or company or other registration number to be provided;
- c) Tax reference number to be provided;
- d) VAT registration number (if any) to be provided;
- e) 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 to be completed);
- f) A copy of the partnership / joint venture / consortium agreement to be provided.
- g) A completed **Declaration of Interest – State Employees** to be provided and which does not indicate any non-compliance with the legal requirements relating to state employees (applicable schedule to be completed);
- h) 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 (applicable schedules to be completed);
- i) A completed **Certificate of Independent Bid Determination** to be provided and which does not indicate any non-compliance with the requirements of the schedule (applicable schedule to be completed);
- j) The tenderer (including any of its directors or members), has not been restricted in terms of abuse of the Supply Chain Management Policy,
- k) The tenderer's tax matters with SARS are in order;
- l) The tenderer is not an advisor or consultant contracted with the CCT,
- m) The tenderer is not a person, advisor, corporate entity or a director of such corporate entity, involved with the bid specification committee.

6.2.1.1.3 Compulsory clarification meeting and other Mandatory requirements

6.2.1.1.3.1 Compulsory clarification meeting

A **compulsory clarification meeting** or briefing session applies to this tender. Tenderers shall attend this briefing session to ensure tender responses submitted are responsive and can be considered for evaluation. Please refer to Error! Reference source not found. for details about the compulsory tender briefing session.

6.2.1.1.3.2 Mandatory requirements

6.2.1.1.3.2.1 Evidence of SAQCC Fire registration (provide evidence in Schedule 16F)

Tenderers and their staff shall be registered and in good standing with the South African Qualifications and Certification Committee [SAQCC] Fire. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a current valid certificates of registration with the SAQCC Fire.

6.2.1.1.3.2.2 Evidence of after sales support (provide evidence in Schedule 16G)

Tenderers shall provide confirmation, in writing from each OEM, parent company or distributor, on the OEM, parent company or distributor's stationery, clearly stating that they approve and authorise the Tenderer's support of their systems, equipment and ancillaries as well as an undertaking from the OEM or parent company or distributor for the Tenderer to provide after sales support for both hardware and software for their systems, equipment and ancillaries, if required by the Tenderer, upon request from the CCT.

6.2.1.1.3.2.3 Evidence of FDIA registration (provide evidence in Schedule 16M)

Tenderers shall provide a certified copy of their certificate of registration with the Fire Department.

Installers Association (FDIA) or equivalent recognised professional fire protection authority. The Tenderer shall provide evidence in Schedule 16M.

6.2.1.1.4 Minimum score for functionality

Only those tenders submitted by tenderers who achieve the minimum score for functionality as stated below will be declared responsive.

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

Functionality Scoring				
Item	Evaluation Criteria	Applicable values/points	Points	Maximum Points
6.2.1.1.4.1.	Credible Company Please provide the number of years the tenderer has been actively providing services for Fire Alarm Systems and related systems. Please respond to this functional requirement in Schedule 16	< 1 year – 0 points ≥ 1 and ≤ 2 years – 2 point > 2 and ≤ 4 years – 4 points > 4 and ≤ 8 years – 6 points > 8 and ≤ 15 years – 8 points > 15 years – 15 points	0 points 2 points 4 points 6 points 8 points 15 points	15 points
6.2.1.1.4.2.	Call Centre or Helpdesk Please state if you have a business hours call centre/helpdesk or 24hr call centre/helpdesk. Please provide the Call Centre Number. Please respond to functional requirement in Schedule 16	- No Call Centre or Helpdesk service - Call Centre/Helpdesk service in business hours only - Call Centre / Helpdesk 24 x 7 hour service	0 points 5 points 15 points	15 points
6.2.1.1.4.3.	Company Resources – Management and Administrative Staff. Please provide an organogram which shows the number of Managers and Administrative staff in the Tenderer's company. Please respond to this functional requirement in Schedule 16	- No Administrative or Management staff 1 x Administrative and 1 x Management staff 2 x Administrative and 1 x Management staff 3 x Administrative and 1 x Management staff 4 x Administrative and 1 x Management staff	0 points 3 points 7 points 11 points 15 points	15 points

Functionality Scoring				
Item	Evaluation Criteria	Applicable values/points	Points	Maximum Points
6.2.1.1.4.4.	Company Resources – Technical or Engineering Resources. Please state the number of SAQCC Fire registered Engineering / Technical staff each with at least 3 and 5 years of experience, respectively, in the Fire Alarm Systems environment and an organogram. Please respond to this functional requirement in Schedule 16	- No Engineer or Technical Person 1 x Engineer or 1 x Technical staff 1 x Engineer and 1 x Technical staff 1 x Engineer and 2 x Technical staff 1 x Engineer and 3 x Technical staff 1 or more Engineers and 5 or more Technical staff	0 points 3 points 6 points 9 points 12 points 20 points	20 points
6.2.1.1.4.5.	Past Experience and References of Fire Alarm System Clients Please indicate the total number of verifiable enterprise clients (with multiple installed Fire Alarm Systems) worked for in the last three years. An Enterprise Client is considered a company with 500 or more employees with at least 30 locations where Fire Alarm systems are installed or maintained. Please respond to this functional requirement in Schedule 16	0 x Enterprise Clients 1 x Enterprise Client 2 x Enterprise Clients 3 x Enterprise Clients 4 x Enterprise Clients 5 or more Enterprise Clients	0 points 3 points 6 points 9 points 12 points 20 points	20 points
6.2.1.1.4.6.	Fire Alarm Systems: Contract Value Please list the total value of contracts, completed in the last three years, with contactable references. Please respond to functional requirement in Error! Reference source not found.	< R1m ≥ 1m and ≤ R2m > R2m and ≤ R3m > R3m and ≤ R5m > R5m and ≤ R10m > R10m	0 points 2 points 4 points 6 points 8 points 15 points	15 points
Total Achievable Points for Functional Questions				100 points

The minimum qualifying score for functionality is 70 out of a maximum of 100.

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

Where the entity tendering is a Joint Venture the tender must include a statement describing exactly what aspects of the work will be undertaken by each party to the joint venture.

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

6.2.1.1.5 Local production and content

The City promotes the procurement of goods manufactured by local suppliers. The Department of Trade and Industry and National Treasury has identified specific designated sectors which require local content compliance. The current designated sector instruction is listed below:

- National Treasury Designated Sectors Instruction Number 5 of 2016/2017 as effective on 27 July 2016.

Tenderers are required to ensure that they comply with these designated Sector requirements by ensuring that the products provided to the City are locally manufactured. Failure to comply with the designated sector requirements for local content will result in a bid been disqualified.

Further details of designated sectors are available on <http://www.nat-treasury.gov.za> and

In addition to the above:

The supplier shall study the terms and conditions as stated in the **Local Content Declaration / Annexure C** returnable schedule.

The stipulated minimum threshold percentages for local production and content for the **Electrical and Telecom Cables sector** ("the designated sector") is 90% and will include all sub-sectors from the applicable National Treasury Instruction Note.

Only tenders with locally produced or locally manufactured Textiles, Clothing, Leather and Footwear from local raw material or input will be considered.

If the raw material or input to be used for a specific item is not available locally, suppliers should obtain written authorisation from the Department of Trade and Industry (DTI) (Chief Director: Industrial Procurement, tel. () and fax () should there be a need to import such raw material or input.

A copy of the authorisation letter must be submitted together with the bid document at the closing date and time of the bid.

The CCT is obliged and must ensure that contracts for the **Electrical and Telecom Cables sector** are awarded at prices that are market related taking into account, among others, benchmark prices designated by the DTI for the sector, value for money and economies of scale. Where appropriate, prices may be negotiated with preferred bidders in accordance with provisions for Negotiation with Preferred Bidders as set out in the CCT SCM Policy.

A bid will be declared non-responsive / disqualified if the Declaration Certificate for Local Production and Content and Annex C as well as the authorisation letter referred to above (if applicable) are not submitted as part of the bid documentation at the closing date and time of the bid.

For further information relating to the local production and content legislation, suppliers may refer to website www.dti.gov.za or may contact the Chief Director: Industrial Procurement at the DTI at telephone number () and fax () the Director: Fleet Procurement, Ms Cathrine Matidza, at telephone number () and e-mail () or the DTI Contact Centre no ()

6.2.1.1.6 Pre-qualification criteria for preferential procurement

NOT APPLICABLE TO THIS TENDER.

6.2.2 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.

6.2.3 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.

6.2.4 Confidentiality and copyright of documents

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

6.2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, Conditions of Contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

6.2.6 Acknowledge and comply with notices

Acknowledge receipt of notices to the tender documents, which the CCT may issue, fully comply with all instructions issued in the 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 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.

6.2.7 Clarification meeting

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.

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

6.2.8 Seek clarification

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, where possible.

6.2.9 Pricing the tender offer

6.2.9.1 Comply with all pricing instructions as stated on the Price Schedule.

6.2.10 Alterations to documents

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

6.2.11 Alternative tender offers

6.2.11.1 Unless otherwise stated in the tender conditions 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 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 of the highest ranked acceptable main tender offer that is priced higher than the main tender offer may be recommended for award, provided that the ranking of the alternative tender offer is higher than the ranking of the next ranked acceptable main tender offer.

The 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.

6.2.11.2 Accept that an alternative tender offer may be based only on the criteria stated in the tender conditions or criteria otherwise acceptable to the CCT.

6.2.12 Submitting a tender offer

6.2.12.1 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 contract conditions and described in the specifications. Only those tenders submitted on the tender documents as issued by the CCT together with all Returnable Schedules duly completed and signed will be declared responsive.

6.2.12.2 Return the entire 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.

6.2.12.3 Submit the parts of the tender offer communicated on paper as an original with an English translation for any part of the tender submission not made in English

6.2.12.4 Sign the original tender offer where required in terms of the tender conditions. The tender shall be signed by a person duly authorised to do so. Tenders submitted by joint ventures of two or more firms shall be accompanied by the document of formation 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.

6.2.12.5 Where a two-envelope system is required in terms of the tender conditions, place and seal the returnable documents listed in the tender conditions 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, as well as the tenderer's name and contact address.

6.2.12.6 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.

6.2.12.7 Accept that 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.

6.2.12.8 Accept that tender offers submitted by facsimile or e-mail will not be accepted by the CCT, unless stated otherwise in the tender conditions.

6.2.12.9 By signing the offer part of the Form of Offer (Section 7.1), the tenderer warrants that all

information provided in the tender submission is true and correct.

6.2.12.10 Tenders must be properly received and deposited 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.

6.2.12.12 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**.

6.2.13 Information and data to be completed in all respects

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

6.2.14 Closing time

6.2.14.1 Ensure that the CCT receives the tender offer at the address specified in the General Tender Information prior to the closing time stated on the front page of the tender document.

6.2.14.2 Accept that, 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.

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

6.2.15 Tender offer validity and withdrawal of tenders

6.2.15.1 Warrants 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.

6.2.15.2 Notwithstanding the period stated above, the tender shall be deemed to remain valid, irrevocable and open for acceptance until formal acceptance by the CCT at any time after the expiry of the original validity period, unless the CCT is notified in writing of anything to the contrary (including any further conditions) by the tenderer. Any further conditions introduced by the supplier will be considered at the sole discretion of the CCT.

6.2.15.3 A tenderer may request in writing, after the closing date, that the 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.

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

Provide clarification of a 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 contract with a preferred tenderer following a competitive selection process, should the CCT 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.

6.2.17 Provide other material

6.2.17.1 Provide, on 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.

6.2.17.2 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 party to a Consortium/Joint Venture shall submit separate certificates/statements in the above regard.

6.2.17.3 Tenderers 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.

6.2.18 Samples, Inspections, tests and analysis

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

If the **Specification** 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.

6.2.19 Certificates

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

6.2.19.1 Broad-Based Black Economic Empowerment Status Level Documentation

In order to qualify for preference points, it is the responsibility of the tenderer to submit documentary proof, either as certificates, sworn affidavits or any other requirement prescribed in terms of the B-BBEE Act, of its B-BBEE status level of contribution in accordance with the applicable Codes of good practise as issued by the Department of Trade and Industry, 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 () or included with the tender submission.

Consortiums/Joint Ventures will qualify for preference points, provided that the **entity** submits the relevant certificate/scorecard in accordance with the applicable codes of good practise. Note that, in the case of unincorporated entities, a verified consolidated B-BBEE scorecard must be submitted in the form of a certificate with the tender.

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

The applicable code for this tender is the **Amended Codes of Good Practise (Information and Communication Technology (ICT) Charter of 07 November 2016)** unless in possession of a valid sector certificate.

The tenderer shall indicate in Section 4 of the **Preference Schedule** the Level of Contribution in respect of the enterprise status or structure of the tendering entity (the supplier).

6.2.19.2 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. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a valid Tax Clearance Certificate 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, or included with this tender. The tenderer must also provide its Tax Compliance Status PIN number on the **Details of Tenderer** page of the tender submission.

Each party to a Consortium/Joint Venture shall submit a separate Tax Clearance Certificate.

6.2.19.3 Evidence of SAQCC Fire registration

Tenderers and their staff shall be registered and in good standing with the South African Qualifications and Certification Committee [SAQCC] Fire. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a current valid certificates of registration with the SAQCC Fire.

6.2.19.4 Applicable Standards

The Tenderer shall offer supply, installation, upgrade and maintenance of fire alarm systems, equipment and ancillaries that comply with at least the following standards, as amended and the Occupational Health and Safety Act 85 of 1993, National Building regulations and Building Standards Act 103 of 1977 and the Community Fire Safety By-law, as amended;

- All applicable CE requirements
- Electro Magnetic Compatibility standards (EN50081-1 and EN50082-1)
- EN60950 Safety aspects
- SANS10142 The wiring of premises
- European Standard EN54 for Fire detection and Fire Alarm Systems
- SANS 10139 Fire detection and alarm systems
- SANS 1186 Symbolic Safety Signs
- SANS 193 Fire Dampers
- SANS10400 Building Regulations where relevant
- SANS 14520 Gaseous fire-extinguishing systems
- SANS 306 Fire extinguishing installations and equipment on premises
- SANS 369 Code of practice for the operation of fire protection measures
- SANS 60849/SANS 7240 Public Address and Evacuation Systems
- SANS 1464 Safety of luminaires
- SANS 10114 Interior lighting
- IEC65 Guide for requirements for third-party product certification systems

6.2.19.5 Evidence of after sales support

Tenderers shall provide confirmation, in writing from each OEM, parent company or distributor, on the OEM, parent company or distributor's stationary, clearly stating that they approve and authorise the Tenderer's support of their systems, equipment and ancillaries as well as an undertaking from the OEM or parent company or distributor for the Tenderer to provide after sales support for both hardware and software for their systems, equipment and ancillaries, if required by the Tenderer or on request from the CCT.

6.2.19.6 Evidence of resource capacity

Tenderers shall provide evidence, in the form of an organogram of their technical and administrative resources specifically allocated to this contract by name, clearly indicating SAQCC Fire registration, levels of training, competencies and the capacity to field at least three (3) complete teams to meet the CCT's fire alarm systems, equipment and ancillaries supply, installation, upgrade and maintenance demands.

Tenderers shall also provide certificates of competency for each of their identified technical resources, issued by each OEM, parent company or distributor, clearly indicating the level of training and the level of competency achieved.

Tenderers shall also provide a written undertaking that they have sufficient RD

technical and administrative resources to meet the CCT requirements in terms of the Performance Level Agreements of Annexure 7 and the Fault Severity Classifications of Annexure 8. Tenderers are referred to Section 21 – Delays in the Supplier's Performance and Section 22 – Penalties of the Special Conditions of Contract, on a 24/7/365 basis.

Further, Tenderers shall indicate on the resourcing organogram the equipment and transport allocations per technical resource.

Any sub-contracted resources employed by the Tenderer shall be SAQCC Fire registered.

The CCT's Representative reserves the right to visit the premises and workshops of the Tenderer, to confirm that adequate facilities and resources are available.

6.2.19.7 Provision of Detailed and Comprehensive Price Lists

Tenderers shall provide detailed and comprehensive price lists per OEM or Distributor for fire alarm systems, equipment and ancillaries, including all supporting OEM or Distributors technical information, schematics, operating and maintenance manuals and documentation. These detailed and comprehensive price lists shall comprise all items required to supply, install, upgrade and maintain the City's fire alarm systems, equipment and ancillaries. Any item required to complete the Works, not listed in the detailed and comprehensive price list, shall be deemed to be included in the offered rates.

Further, Tenderers shall guarantee the availability of the price list listed items for the duration of the contract period, where such guarantee shall be provided in writing and endorsed by the OEM, parent company or distributor.

6.2.19.8 Evidence of Premises and Workshops

Tenderers are expected to have premises and workshops located in the Cape Metropolitan area by time of award of this Tender. Evidence must be provided in the form of a certified copy of a recent municipal account, not older than 3 months, or a copy of a lease agreement, in the case of rented property.

6.2.19.9 Provision of Performance Level Agreement and Support Statistics

The successful Tenderer shall record a minimum of all faults, incidents, call outs, repair times and up times on the fire alarm systems, equipment and ancillaries, in order to provide monthly statistics (Annexure 7) to the CCT, for the monitoring of the PLA and reliability/availability metrics. These reports shall be auditable by the CCT. Tenderers shall provide detailed and comprehensive descriptions of all elements comprising this required functionality.

6.2.19.10 First and Second Line response requirements

The Tenderer shall be responsible for First Line Response to the CCT's fire alarm systems, equipment and ancillaries, at the prioritised discretion of the CCT Representative.

First Line Response shall include, but not be limited, to the following activities – all system administration, configuration, programming, first response to faults, fault identification and classification, modular component replacement as per SCM policy, second line response to faults, technical assistance if required, adequate spare holdings and preventative maintenance.

Second Line Response shall include, but not be limited, to the following activities – all system hardware and software faults, response to faults per specified classification, and severity, as per Annexure 8, until resolved, technical and operator training as required, report on faults as per PLA tracking of faults per PLA and reporting per PLA, 24/7/365 support, as required by the CCT (Refer to Annexure 7).

Advise the CCT, with at least three (3) months' notice, should any hardware, software or OEM, parent company or distributor support, be discontinued or changed.

6.2.19.11 Technical and Operator Training requirements

The Tenderer shall be responsible for technical and operator training of the CCT personnel on all items of

equipment offered. The technical and operator training shall enable the CCT personnel to carry out First and Second Line trouble shooting, repairs/replacement down to module level and maintenance. The technical and operator training shall include software programming for system setup and diagnostics. The CCT personnel attendance, and technical and operator training, will be at the CCT's discretion.

The Tenderer shall provide the technical and operator training at the CCT's premises in the Cape Metropolitan Area. All costs associated with the training shall be borne by the Tenderer.

provision for the technical and operator training of at least four CCT personnel per training session. The operator training shall be video recorded and the video recording shall be presented to the City's Representative within 5 working days of the completion of training session.

Two copies of all service, maintenance, user and operating manuals shall be provided on all equipment offered.

6.2.19.12 Mark-up and Discount Offered percentages

The Discount Offered and Mark-up percentages shall be restricted to only one Discount Offered percentage and one Mark-Up percentage per OEM/Distributor per category in the relevant Pricing Schedules and shall be fixed for the duration of the contract period.

6.2.20 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.

6.2.21 Claims arising from submission of tender

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.

6.3 The CCT's undertakings

6.3.1 Respond to requests from the tenderer

6.3.1.1 Unless otherwise stated in the Tender Conditions, 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.

6.3.1.2 The CCT's representative for the purpose of this tender is stated on the General Tender Information page.

6.3.2 Issue Notices

If necessary, issue notices 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 (where possible) before the tender closing time stated on the front page of the tender document. 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.

6.3.3 Opening of tender submissions

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

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.

6.3.3.2 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 and the preferences indicated.

6.3.3.3 Make available a record of the details announced at the tender opening meeting on the CCT's website

6.3.3.4 Make available the pricing schedules upon written request.

6.3.4 Two-envelope system

6.3.4.1 Where stated in the tender conditions that a two-envelope system is to be followed, 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 tender conditions and announce the name of each tenderer whose technical proposal is opened.

6.3.4.2 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. Open only the financial proposals of tenderers, who have submitted responsive technical proposals in accordance with the requirements as stated in the tender conditions, and announce the total price and any preferences claimed. Return unopened financial proposals to tenderers whose technical proposals were non responsive.

6.3.5 Non-disclosure

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

6.3.6 Grounds for rejection and disqualification

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

6.3.7 Test for responsiveness

6.3.7.1 Appoint an evaluation panel and determine, after opening and before detailed evaluation, whether each tender offer properly received:

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

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

- a) detrimentally affect the scope, quality, or performance of the goods, services or supply identified in the Specifications, or
- b) significantly change the CCT's or the tenderer's risks and responsibilities under the contract

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.

6.3.8 Arithmetical errors, omissions and discrepancies

6.3.8.1 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.

6.3.8.2 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.

6.3.8.3 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.

6.3.9 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.

6.3.10 Evaluation of tender offers**6.3.10.1 General**

6.3.10.1.1 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 tender conditions.

6.3.10.1.2 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).

6.3.10.2 Decimal places

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

6.3.10.3 Scoring of tenders (price and preference)

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 (Part 4)**:

- based on the sum of the prices/rates in relation to the estimated quantities

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

6.3.10.3.3 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.

6.3.10.3.4 Applicable formula:

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

Price shall be scored as follows:

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

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

Preference points shall be scored as follows:

Points will be awarded to tenderers who are eligible for preferences in respect of the B-BBEE level of contributor attained in terms of **Preference Schedule**.

A maximum of 10 tender adjudication points will be awarded for preference to tenderers with responsive tenders who are eligible for such preference, in accordance with the criteria listed below.

Up to 10 adjudication points (N_P) will be awarded for the level of B-BBEE contribution, in accordance with the tables below:

B-BBEE Status Level of Contributor	Number of Points for Preference
1	10
2	9
3 ✓	6 ✓
4	5
5	4
6	3
7	2
8	1
Non-compliant contributor	0

A non-compliant contributor is one who does not meet the minimum score for a level 8 contributor.

or, in respect of Exempted Micro Enterprises (EMEs):

Black Ownership of EME	Deemed Status Level of Contributor	B-BBEE Level of Contributor	Number of Points for Preference
less than 51%	4		5
at least 51% but less than 100%	2		9
100%	1		10

or, in respect of Qualifying Small Enterprises (QSEs):

Black Ownership of QSE	Deemed Status Level of Contributor	B-BBEE Level of Contributor	Number of Points for Preference
at least 51% but less than 100%	2		9
100%	1		10

The total number of adjudication points (N_T) shall be calculated as follows:

$$N_T = P_s + N_P$$

Where: Ps is the number of points scored for price;
Np is the number of points scored for preference.

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

6.3.10.5 Risk Analysis

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

- reasonableness of the financial offer
- 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.

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.

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

6.3.12 Acceptance of tender offer

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

6.3.12.1 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 document.

6.3.12.2 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.

6.3.12.3 Accept the tender offer, only if in the opinion of the CCT, the tenderer:

- a) can demonstrate that it has the necessary resources and skills to fulfil its obligations in terms of the tender document,
- b) does not pose any material risk to the CCT,
- c) is not currently a supplier to whom notice has been served regarding abuse of the supply chain management system.

6.3.13 Prepare contract documents

6.3.13.1 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.

6.3.13.2 Complete the schedule of deviations attached to the tender and acceptance, if any.

6.3.14 Notice to successful and unsuccessful tenderers

6.3.14.1 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

6.3.14.2 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.

6.3.15 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.

(7) 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 Contract:

1. Definitions

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 contract. 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 and the date of the Purchase Order will be the contract commencement date

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**.

Add the following after Clause 1.25:

- 1.26 'Supplier' means any provider of goods and / or services with whom the contract is concluded

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 All parties in a joint venture or consortium shall be jointly and severally liable to the purchaser in terms of this 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 give all notices and pay all charges required by such authorities.
- 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 order:
- 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
 - d) Other requirements as detailed in the tender documents
- 3.5.2 Only when notified of the acceptance of the bid by the issuing of the order, the supplier shall commence with and carry out the delivery of the goods in accordance with the contract, to the satisfaction, of the purchaser
- 3.5.3 Provide all of the necessary materials, labour, plant and goods including any temporary services that may be required for the delivery
- 3.5.4 Insure his workmen and employees against death or injury

- 3.5.5 Be continuously represented during the delivery of the goods 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 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 orders for the goods required under this Contract. No liability for payment will ensue for any work done if an official purchase order has not been issued to the supplier.
 - 3.6.2 Make payment to the **supplier** for the goods as set out herein.
 - 3.6.3 Take possession of the goods 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 documents.
 - 3.6.6 Grant or refuse any extension of time requested by the supplier to the period stated in clause 10.
 - 3.6.7 Inspect the goods 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 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 contract and need not obtain the supplier's permission to copy 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 for the contract and the purchaser hereby indemnifies the supplier against any claim which may be made against him by any party 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

REQUESTED BY

or contract within two (2) years of completion of the services 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 Contract confidential and shall not divulge it without the written approval of the other party.

7. Performance Security

Delete clause 7.1 to 7.4 and replace with the following:

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

8. Inspections, tests and analyses

Delete Clause 8.2 and substitute with the following:

- 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 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 order.
- 10.2 The purchaser shall determine, in its sole discretion, whether the goods 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 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 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:

- a) 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;
- b) 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;
- c) 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 bidder's broker or the insurance company itself (see **Proof of Insurance / Insurance Broker's Warranty** section in document for a pro forma version).
- d) Professional indemnity insurance providing cover in an amount of not less than **R5 million** in respect of each and every claim during the contract period.

In the event of under insurance or the insurer's repudiation, the supplier shall remain liable and will retain its right of recourse against the supplier.

- 11.3 The supplier shall be obliged to furnish the CCT with proof of such insurance as the CCT 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 **Proof of Insurance / Insurance Broker's Warranty** section of the document or copies of the insurance policies.

15. Warranty

Add to Clause 15.2:

- 15.2 This warranty for this contract shall remain valid for **twelve (12) months** from date of installation and commissioning.

16. Payment

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

- 16.1 A monthly payment cycle will be the norm. All invoices which are dated on or before the 20th of a particular month will typically be paid between the 23rd and 26th of the following month. The supplier may submit a fully motivated application regarding more frequent payment to the Employer for consideration. Requests for more frequent payments will be considered at the sole discretion of the Employer and is not a right in terms of this contract.

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 order, the supplier shall only be entitled to payment for goods actually delivered in terms of the Project Specification and Drawings, or any variations in accordance with clause 18. Any contingency sum included shall be for the sole use, and at the discretion, of the purchaser.

The CCT is not liable for payment of any invoice that pre-dates the date of delivery of the goods.

- 16.6 The purchaser will only make advanced payments to the supplier in strict compliance with the terms and details as contained on **Proforma Advanced Payment Guarantee**.

17. Prices

Add the following after clause 17.1

17.2 The prices for the goods delivered and services performed shall **NOT** be subject to contract price adjustment.

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 or any extension of the duration of the contract that the purchaser issues to the supplier as instructions in writing, subject to prior approval by the purchaser's delegated authority as reflected on an authorised amended order. Should the supplier deliver any goods not described in a written instruction from the purchaser, such work will not become due and payable until amended order has been issued by the purchaser.

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 the contract the supplier or its sub-contractors should encounter conditions beyond their reasonable control which impede the timely delivery of the goods, the supplier shall notify the purchaser in writing, within 7 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 a contract shall be deemed to prohibit the obtaining of goods 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 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 as stated herein for each day of the delay until actual delivery or performance.

The penalty for this contract shall be determined as a percentage on the purchase order request total for the service request which failed to adhere to the performance requirements.

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 The parties by mutual agreement terminate the contract.
- 23.8.3 If an Order has been issued incorrectly, or to the incorrect recipient, the resulting contract may be terminated by the purchaser by written notice
- 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.

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 23.1(c), 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 (b) and replace with the following:

- (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 working day of delivery
- 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 supplier to submit documentary evidence in the form of a valid Tax Clearance Certificate 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).

Add the following after clause 32.3:

32.4 The VAT registration number of the City of Cape Town is ,

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 payment of any payments.

(8) GENERAL CONDITIONS OF CONTRACT

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

TABLE OF CLAUSES

1. Definitions
2. Application
3. General
4. Standards
5. Use of contract documents and information; inspection
6. Patent rights
7. Performance security
8. Inspections, tests and analysis
9. Packing
10. Delivery and documents
11. Insurance
12. Transportation
13. Incidental services
14. Spare parts
15. Warranty
16. Payment
17. Prices
18. Contract amendments
19. Assignment
20. Subcontracts
21. Delays in the supplier's performance
22. Penalties
23. Termination for default
24. Dumping and countervailing duties
25. Force majeure
26. Termination for insolvency
27. Settlement of disputes
28. Limitation of liability
29. Governing language
30. Applicable law
31. Notices
32. Taxes and duties
33. National Industrial Participation Programme (NIPP)
34. Prohibition of restrictive practices

PO BOX 1
EMAIL
TEL:

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 recording.

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 so far as may be necessary for the purposes of such performance.
- 5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1, except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself, mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

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

7. Performance Security

- 7.1 Within 30 (thirty) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in the SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.2 The performance security shall be denominated in any currency of the contract or in freely convertible currency acceptable to the purchaser, and shall be in one of the following forms:
 - (a) Cash
 - (b) Banker's draft
 - (c) Letter of credit
 - (d) Performance bond
 - (e) Insurance policy
 - (f) Other form approved by the purchaser

- 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 a [REDACTED], or any portion thereof, as the case may be, have been delivered to and accepted at the [REDACTED] location 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 purchaser 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, 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 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, 1996, as amended, an agreement between or concerted practice by firms, or a decision of an association of firms, is prohibited if it prevents, restricts or distorts competition in a market.

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.

(9) SUPPORTING SCHEDULES**Schedule 1: 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 2: 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	
-----	-------------------------------------	----	--

1.1 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:

N/A			

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	☒
-----	--	----	-------------------------------------

3.1 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)
N/A	N/A	N/A	N/A

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	X
-----	--	----	---

- 4.1 If YES, furnish particulars below

N/A

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 employer of any other remedies available to it.

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

17th Dec. 2019
 Date

Schedule 3: Preference Schedule

1 Definitions

The following definitions shall apply to this schedule:

All applicable taxes: Includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

Applicable Code: Shall be either the Amended Codes of Good Practise (published on 11 October 2013) or Sector Specific Codes as indicated in the tender conditions

B-BBEE: Broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act.

B-BBEE status level of contributor: The B-BBEE status of an entity in terms of a code of good practice on black economic empowerment issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act

Bid (Tender): A written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals.

Black Designated Groups: The meaning assigned to it in the codes of good practice issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act, 2003, (Act 53 of 2003).

Black People: The meaning assigned to it in section 1 of the Broad-Based Black Economic Empowerment Act.

Broad-Based Black Economic Empowerment Act: The Broad-Based Black Economic Empowerment Act, Act 53 of 2003.

Consortium or Joint Venture: 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.

Contract The agreement that results from the acceptance of a bid by an organ of state.

Co-operative: A co-operative registered in terms of section 7 of the Co-operatives Act, 2005 (Act no. 14 of 2005).

Designated Group: Black designated groups, black people, women, people with disabilities or small enterprises as defined in section 1 of the National Small Enterprises Act, 1996 (act no. 102 of 1996)

Designated Sector: A sector, sub-sector or industry or product that has been designated in terms of any relevant regulation of the Preferential Procurement Regulations, 2017.

Exempted Micro Enterprise (EME): An exempted micro enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act

Firm Price: The price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract.

Functionality: The ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.

Military Veteran: The meaning assigned to it in section 1 of the Military Veterans Act, 2011 (Act No. 18 of 2011).

National Treasury: The meaning assigned to it in section 1 of the Public Finance Management Act, 1999 (Act No. 18 of 1999).

Non-firm prices: All prices other than "firm" prices.

Person: Includes a juristic person.

People with disabilities: The meaning assigned to it in section 1 of the Employment Equity Act, 1998 (Act No. 55 of 1998).

Price: Includes all applicable taxes less unconditional discounts.

Proof of B-BBEE status level of contributor: The B-BBEE status level certificate issued by an authorised body or person, a sworn affidavit as prescribed by the B-BBEE Codes of good Practice or any other requirement prescribed in terms of the Broad-Based Black Economic Empowerment Act.

Qualifying Small Enterprise (QSE): A qualifying small enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act.

Rand Value: means the total estimated value of a contract in Rand, calculated at the time of bid invitations.

Rural Area: A sparsely populated area in which people farm or depend on natural resources, including villages and small towns that are dispersed through the area or an area including a large settlement which depends on migratory labour and remittances and government social grants for survival, and may have a traditional land tenure system.

Stipulated Minimum Threshold: The minimum threshold stipulated in terms of any relevant regulation of the Preferential Procurement Regulations, 2017.

Sub-contract: The primary contractor's assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract.

The Act: The Preferential Procurement Policy Framework Act, 2000 (Act No 5 of 2000).

Total Revenue: Bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007.

Township: An urban living area that at any time from the late 19th century until 27 April 1994, was reserved for black people, including areas developed for historically disadvantaged individuals post 27 April 1994.

Treasury: The meaning assigned to it in section 1 of the Public Finance Management Act, 1999 (Act No. 18 of 1999).

Trust: The arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person.

Trustee: Any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

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

2 Conditions associated with the granting of preferences

A supplier that is granted a preference undertakes to:

- 1) accept that the number of preference points allocated will be based on the B-BBEE status level of contributor of the supplier as at the closing date for submission of tender offers;
- 2) not sub-contract more than 25% of the value of the contract to sub-contractors that do not have an equal or higher B-BBEE status level of contributor than the supplier, unless the intended sub-contractors are exempted micro enterprises that have the capability and ability to execute the sub-contract works or unless otherwise declared in terms of Section 5 below;
- 3) accept that a contract may not be awarded if the price offered is not market related;
- 4) accept the sanctions set out in Section 3 below should Condition 2(2) be breached, or should the tenderer have submitted any false information regarding its B-BBEE status level of contributor, local production and content, or any other matter required in terms of this bid that will affect, or has affected the bid evaluation;
- 5) accept that, in order to qualify for preference points, it is the responsibility of the supplier to submit documentary proof of its BBEE level of contribution in accordance with the Codes of Good Practise, 2013, to the CCT at the Supplier Management Unit located within the Tender Distribution Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5);
- 6) accept that, further to 5) above, Consortiums/Joint Ventures will qualify for preference points, provided that the entity submits the relevant certificate/scorecard in terms of the Preferential Procurement Regulations, 2017. Note that, in the case of unincorporated entities, a verified scorecard in the name of the consortium/Joint Venture must be submitted with the quotation (attached to this schedule);
- 7) accept that if it is found that, in the performance of the contract, the participation of the various partners in a Consortium/ Joint Venture differs substantially from that upon which the consolidated scorecard submitted in terms of 5) above was based, and the impact of which is that the Joint Venture would not have been awarded the contract in terms of the actual B-BBEE level of contribution achieved by the Joint Venture, then a financial penalty shall be applied (in addition to any other remedies that the CCT may have) in accordance with Section 3 below;

- 8) accept that suppliers are required to be registered on the City of Cape Town's Supplier Database prior to the acceptance of tenders in order to qualify for preference points. The CCT will verify the B-BBEE level of contributor of the supplier as at the closing date for submission of tender offers, to determine the number of preference points to be awarded to the supplier. In the case of Consortiums/Joint Ventures which tender as unincorporated entities, a verified scorecard submitted with the tender and valid as at the closing date will be used to determine the number of preference points to be awarded to the supplier;
- 9) accept that, notwithstanding 8) above, a supplier will **not** be awarded points for B-BBEE status level of contributor if he indicates in his tender that he intends sub-contracting more than 25% of the value of the contract to sub-contractors that do not qualify for at least the points that the supplier qualifies for unless the intended sub-contractors are exempted micro enterprises that have the capability and ability to execute the sub-contract works;
- 10) accept that any subcontracting arrangements after the award of the tender may only be entered into upon the prior approval of the City of Cape Town; and
- 11) immediately inform the City of Cape Town of any change that may affect the tenderer's B-BBEE level of contribution upon which preference points will be or have been allocated.

3 Sanctions relating to breaches of preference conditions

The sanctions for breaching the conditions associated with the granting of preferences are:

- 1) disqualify the supplier from the tender process;
- 2) recover costs, losses or damages the CCT has incurred or suffered as a result of the supplier's or contractor's conduct;
- 3) cancel the contract in whole or in part and claim any damages which the CCT has suffered as a result of having to make less favourable arrangements due to such cancellation;
- 4) restrict the supplier, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from the CCT for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied and inform the National Treasury accordingly;
- 5) forward the matter for criminal prosecution; and/or
- 6) financial penalties payable to the CCT, as set out below.

Financial penalty for breach of Condition 2 in Section 2 above:

The penalty to be applied for sub-contracting more than 25% of the value of the contract to sub-contractors that do not qualify for at least the preference points that the supplier qualified for (unless so declared or proven to be beyond the control of the supplier, or the sub-contractors are EMEs that have the capability and ability to execute the sub-contract works) shall be as provided for in the following formula:

$$\text{Penalty} = 0.5 \times E(\%) \times P^*$$

where:

E = The value of work (excluding VAT) executed by sub-contractors that do not qualify for at least the preference points that the supplier qualified for, expressed as a percentage of P*, less 25%

P* = Value of the contract

Financial penalty for breach in terms of condition 6 in Section 2 above:

The penalty to be applied where, in the performance of the contract, the participation of the various partners in a Consortium/ Joint Venture differs substantially from that upon which the consolidated scorecard submitted in terms of 5) in Section 2 above was based, and the impact of which is that the Joint Venture would not have been awarded that contract in terms of the actual B-BBEE level of contribution achieved by the Joint Venture, shall be as provided for in the following formula:

$$\text{Penalty} = 5/100 \times (B-BBEE^a - B-BBEE^l) \times P^*$$

where:

- $B-BBEE^a$ = The B-BBEE level of contribution that is achieved, determined in accordance with the actual participation of the Joint Venture partners in the performance of the contract
- $B-BBEE^l$ = The B-BBEE level of contribution that was used to determine the number of preference points granted to the Joint Venture at the time of tender evaluation
- P^* = Value of the contract

Financial penalty for breach in terms of condition 10 in Section 2 above:

The penalty to be applied where the supplier fails to disclose subcontracting arrangement after the award of the tender is up to a maximum of 10% of the value of the contract.

4 Level of Contribution in respect of enterprise status or structure of the tendering entity (the supplier)

In the interest of transparency, suppliers are required to complete Table 1: Level of Contribution below.

Table 1: Level of Contribution

Type of B-BBEE Contributor	Status (tick box(es) below as applicable)
Exempted Micro Enterprise (EME), 100% black-owned	☐
Exempted Micro Enterprise (EME), at least 51% but less than 100% black-owned	☐
Exempted Micro Enterprise (EME), less than 51% black-owned	☐
Qualifying Small Enterprise (QSE), 100% black-owned	☐
Qualifying Small Enterprise (QSE), at least 51% but less than 100% black-owned	☐
Qualifying Small Enterprise (QSE), less than 51% black-owned	☒
Verified B-BBEE contributor B-BBEE Status Level of Contributor ¹ 3	☒
Non-compliant contributor	☐

¹ If it is indicated that the company/firm/entity is a verified B-BBEE contributor, then the verified status level of contributor must be inserted in the box provided (insert a number from 1 to 8 as applicable)

5 Declarations

- 1) With reference to Condition 8 in Section 2 above, the supplier declares that:
- I/we hereby forfeit my preference points because I /we DO intend sub-contracting more than 25% of the value of the contract to sub-contractors that do not qualify for at least the points that I/we as supplier qualify for or are not exempted micro enterprises that have the capability and ability to execute the sub-contract works**

**Note:**

Suppliers who do not tick this box will be allocated preference points but the sanctions relating to breaches of preference conditions in Section 3 will be applicable if the supplier contravenes the conditions in Section 2.

- 2) The undersigned, who warrants that he/she is duly authorised to do so on behalf of the supplier, hereby certifies that the preference claimed based on the B-BBEE status level of contribution indicated in Table 1, qualifies the supplier, subject to condition 8 in Section 2 above, for such preference claimed, and acknowledges that:
- (i) the information furnished is true and correct;
 - (ii) the preference claimed is in accordance with the conditions of this schedule;
 - (iii) the supplier may be required to furnish documentary proof to the satisfaction of the CCT that the BBBEE level of contributor as at the closing date is correct; and
 - iv) he/she understands the conditions under which preferences are granted, and confirms that the supplier will satisfy the conditions pertaining to the granting of preferences.

Signature

17TH DECEMBER 2019.
Date

Name (PRINT)

(For and on behalf of the Supplier (duly authorised))

For official use.

SIGNATURE OF CITY OFFICIALS AT
TENDER OPENING

1.

Schedule 4: Declaration of Interest – State Employees (MBD 4)

1. No bid will be accepted from persons in the service of the state¹.

2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the 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 N/A
 - 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 N/A
 - 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 N/A
 - 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 N/A
 - 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 N/A
 - 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 N/A
 - 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 business whether ~~GRAND~~ GRAND they are bidding for this contract? YES ☒ NO ☐
 - 3.14.1 If yes, furnish particulars N/A

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

Full Name	Identity Number	State Employee Number

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 employer of any other remedies available to it.

Signature /

Print name: _____

On behalf of the tenderer (duly authorised)

Date

17th Dec. 2019

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

(a) a member of –

- (i) any municipal council;
- (ii) any provincial legislature; or
- (iii) the national Assembly or the national Council of provinces;

(b) a member of the board of directors of any municipal entity;

(c) an official of any municipality or municipal entity;

(d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);

(e) an executive member of the accounting authority of any national or provincial public entity; or

(f) an employee of Parliament or a provincial legislature.

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

Schedule 5: 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	X
-----	--	----	---

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

N/A

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	X
-----	--	----	---

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

N/A

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

the City'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 employer of any other remedies available to it.

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

17th Dec. 2019

Date

Schedule 6: 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 improper conduct in relation to such system;
 - b) been convicted for fraud or corruption during the past five years;
 - c) willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d) been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004) or Database of Restricted Suppliers.
- 2 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

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

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?	☐	☒
2.4.1	If so, furnish particulars: N/A		
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?	☐	☒
2.7.1	If so, furnish particulars: N/A		

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 employer of any other remedies available to it.

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

17th Dec. 2019

Date

Schedule 7: Authorisation for the Deduction of Outstanding Amounts Owed to the City of Cape Town

To: THE CITY MANAGER, CITY OF CAPE TOWN

From: _____
(Name of tenderer)

RE: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CITY OF CAPE TOWN

The tenderer:

- a) hereby acknowledges that according to SCM Regulation 38(1)(d)(i) the City Manager may reject the tender of the tenderer if any municipal rates and taxes or municipal service charges owed by the tenderer (or any of its directors/members/partners) to the CCT, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months; and
- b) therefore hereby agrees and authorises the CCT to deduct the full amount outstanding by the Tenderer or any of its directors/members/partners from any payment due to the tenderer; and
- c) confirms the information as set out in the tables below for the purpose of giving effect to b) above;
- d) The tenderer hereby certifies that the information set out in this schedule and/or attached hereto is true and correct, and acknowledges that failure to properly and truthfully complete this schedule may result in steps being taken against the tenderer, the tender being disqualified, and/or (in the event that the tenderer is successful) the cancellation of the contract, restriction of the tenderer or the exercise by the employer of any other remedies available to it.

Physical Business address(es) of the tenderer	Municipal Account number(s)
_____	_____
_____	_____

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)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

Date

17th Dec. 2019

Schedule 8: Contract Price Adjustment and/or Rate of Exchange Variation

**This schedule is not applicable to this tender and should be disregarded.
The tender offers of tenderers who submit prices subject to adjustment and/or rate of exchange variation (instead of firm prices) shall be declared non-responsive.**

Schedule 9: Occupational Health and Safety Agreement

AGREEMENT MADE AND ENTERED INTO BETWEEN THE CITY OF CAPE TOWN (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, do hereby undertake to ensure, as far as is reasonably practicable, that all work will be performed, and all equipment, machinery or plant used in such a manner as to comply with the provisions of the Occupational Health and Safety Act (OHSA) and the Regulations promulgated thereunder.

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

COID ACT Registration Number:

OR Compensation Insurer: Policy No.

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

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

I hereby declare that I have read and understand the 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 by 170/18 BRAY on the 17th day of DECEMBER 2019

Witness

Signed at (MORRIS) on the (17th) day of DECEMBER 2019

Mandatory

Witness

for and on behalf of
City of Cape Town

Schedule 10: Certificate of Independent Tender Determination

I, the undersigned, in submitting this Tender No: 135S/2019/20- SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES.

In response to the tender invitation made by THE CITY OF CAPE TOWN, 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/or may be reported to the National Prosecuting Authority (NPA) for criminal investigation, and/or may be restricted from conducting business with the public sector for a period not exceeding 10 (ten) years in terms of the Prevention and Combating of Corrupt Activities Act, Act 12 of 2004, or any other applicable legislation.

Signature _____

Date 17th DEC. 2019

Name (PRINT)

(For and on behalf of the Tenderer (duly authorised))

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

Schedule 11: Local Content Declaration / Annexure C

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

Preamble

This declaration is based on and replaces Municipal Bid Document 6.2 (MBD 6.2).

The amendments made to the MBD 6.2 document have been necessary to clarify this standard document as it relates to local production and content in the Electrical and Telecom Cable sector.

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017 and the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

Documents listed herein are downloadable from the dti's official website, <http://www.thedti.gov.za>.

This schedule must be completed by tenderers and returned with their tender at the closing date and time for this tender.

1. General Conditions

- 1.1 Preferential Procurement Regulations, 2017 (Regulation 8) makes provision for the promotion of local production and content.
- 1.2 Regulation 8(2) prescribes that in the case of designated sectors, organs of state must advertise such bids with the specific bidding condition that only locally produced goods with a stipulated minimum threshold for local production and content will be considered.
- 1.3 Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4 A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5 The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by Nedbank at close of business on the date of advertisement of the bid as required in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on http://www.thedti.gov.za/industrial_development/ip.jsp at no cost.

- 1.6 A bid may be disqualified/declared non-responsive if this Declaration Certificate and Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation.

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS (Cont'd)

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
Electrical and Telecom Cables	90%

3. Does any portion of the services, works or goods offered for Items as detailed in Annexure C have any imported content?

(Tick applicable box)

YES		NO	☒
-----	--	----	-------------------------------------

- 3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the above General Conditions must be the rate(s) published by Nedbank at close of business on the date of advertisement of the bid.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	N/A
Euro	
Yen	
Other	

NB: Tenderers must submit proof of the Nedbank rate(s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the CCT provide directives in this regard.

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS
(Cont'd)(AS PER ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO. 135S/2019/20

ISSUED BY: (Procurement Authority / Name of Municipality / Municipal Entity): The City of Cape Town

NB

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on http://www.thedti.gov.za/industrial_development/ip.jsp. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, ... (full names),

do hereby declare, in my capacity as

of (name of bidder entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
 - (i) the goods to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011;
- (c) The local content percentages (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C;

Bid price, excluding VAT (y)	R10575,50
Imported content (x), as calculated in terms of SATS 1286:2011	R 0
Stipulated minimum threshold for local content (paragraph 2 above)	90%
Local content %, as calculated in terms of SATS 1286:2011	100%

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above. The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E.

- (d) I accept that the Procurement Authority / Municipality /Municipal Entity has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Municipal / Municipal Entity imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE:

WITNESS No. 1

WITNESS No. 2

DATE: 11/12/2019

DATE: 11/12/2019

DATE: 11/12/2019

TENDER NO: 135/2019/20
SATS 1286.2011

Annex C

Local Content Declaration - Summary Schedule

(C1)	Tender No.	135 S/2019/20
(C2)	Tender description:	SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM
(C3)	Designated product(s)	Electrical and Telecom Cables
(C4)	Tender Authority:	The City of Cape Town
(C5)	Tenderer Entity name:	
(C6)	Tender Exchange Rate:	USD NA EU NA GBP NA
(C7)	Specified local content %	90

Note: VAT to be excluded from all calculations

Calculation of local content

Tender item no's	List of items	Tender price per UoM (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)
A.2.6.1	PH30 CABLE	8,20	NA	NA	NA	8,20	100%
A.2.6.2	PH120 CABLE	11,19	NA	NA	NA	11,19	100%
A.2.6.3	0,8mm ² 2 CORE	7,50	NA	NA	NA	7,50	100%
A.2.6.4	4 CORE SCREENED	7,125	NA	N/A	NA	7,125	100%
A.2.6.5	0,55mm ² RYFOLD	2,4375	NA	NA	NA	2,4375	100%
A.2.6.6	CAT 6E	6,025	NA	NA	NA	6,025	100%

Tender summary

Anticipated Annual Tender Qty (m)	Total Tender value	Total exempted imported content	Total imported content
(C16)	(C17)	(C18)	(C19)
100	820	NA	N/A
100	1119,00	NA	N/A
100	750	NA	NA
100	712,50	NA	NA
100	243,75	NA	NA
100	602,50	NA	NA

Tender 135S/2019/20

Supply, Installation and Maintenance of Fire Alarm Systems, Equipment and Ancillaries

Annexure C

Local Content Declaration – Summary Schedule

Tender Item no's	List of items	Tender price per UoM (excl vat)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Anticipated Annual Tender Qty. (m)	Total Tender value	Total exempted imported content	Total Imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
2.9.7	1.5m 3core	10,40	NA	NA	NA	10,40	NA	100	1040	NA	NA

TENDER NO: 135S/2019/20

Calculation of local content

Tender item no's	List of items	Tender price per UoM (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)
A.2.6.7.	1,5m ² 3 Core	10,40	NA	NA	NA	10,40	100%
B.2.9.1.	PH 30 CABLE	8,20	NA	NA	NA	8,20	100%
B.2.9.2.	PH 120 CABLE	11,19	NA	NA	NA	11,19	100%
B.2.9.3.	0,8m ² 2 Core	7,50	NA	NA	NA	7,50	100%
B.2.9.4.	4 Core SCREENED	7,125	NA	NA	NA	7,125	100%
B.2.9.5.	0,55m ² R/P CABLE	2,4375	NA	NA	NA	2,4375	100%
B.2.9.6.	CAT 6 E	6,025	NA	NA	NA	6,025	100%

Tender summary

Anticipated Annual Tender Qty (m)	Total Tender value	Total exempted imported content	Total Imported content
(C16)	(C17)	(C18)	(C19)
100	1040	NA	NA
100	820	NA	NA
100	1119,00	NA	NA
100	750	NA	NA
100	712,50	NA	NA
100	243,75	NA	NA
100	602,50	NA	NA

(C20) Total tender value R 10575,50 N/A

(C21) Total Exempt Imported content R NA

(C22) Total tender value net of exempt Imported content R NA

(C23) Total Imported content R NA

(C24) Total local content R 10575,50

(C25) Average local content % of tender 100%

Signature of tenderer from Annex B

Date:

17th Dec 2019

Schedule 12: Price Basis for Imported Resources – NOT USED

Not Used

**Schedule 13: Schedule of Pre-Qualification Criteria Sub-Contractors –
NOT USED**

Not used

Schedule 14: 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.	11/12/2019	ANNEXURE 1: COMPANY DOCUMENTS
2.	11/12/2019	ANNEXURE 2: SCHEDULE 16.A.
3.	11/12/2019	ANNEXURE 2: SCHEDULE 16.B.
4.	11/12/2019	ANNEXURE 3: SCHEDULE 16C
5.	11/12/2019	ANNEXURE 4: SCHEDULE 16D
6.	11/12/2019	ANNEXURE 5: SCHEDULE 16E
7.	11/12/2019	ANNEXURE 6: SCHEDULE 16F
8.	11/12/2019	ANNEXURE 7: SCHEDULE 16G.
9.	11/12/2019	ANNEXURE 8: SCHEDULE 16H
10.	11/12/2019	ANNEXURE 9: SCHEDULE 16I
11.	11/12/2019	ANNEXURE 10: SCHEDULE 16J
12.	11/12/2019	ANNEXURE 11: SCHEDULE 16K
13.	11/12/2019	ANNEXURE 12: SCHEDULE 16L
14.	11/12/2019	ANNEXURE 13: SCHEDULE 16M.
15.		
16.		
17.		

Attach additional pages if more space is required.

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

Date

11th DEC 2019

GROUND
 BIRK
 RIVE
 GLOUCE
 MOWBRA

ERVATORY, 793
 i-systems.co.z
 FAX: 021 685

Schedule 15: Record of Addenda to Tender Documents

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

	Date	Title or Details
1.	2 ND DEC. 2019	Pg. 14 - TABLE A.2.
2.	2 ND DEC. 2019	Pg. 25-37 - TABLE B.2.
3.	2 ND DEC. 2019	Pg. 69 - S.2.5.5 - S.4.2.
4.	2 ND DEC. 2019	Pg. 76 - 6.2. TENDERER'S OBLIGATIONS
5.	2 ND DEC 2019	Pg. 77 - 6.2.1.1.4. ^{MINIMUM SCORE} FOR FUNCTIONALITY
6.	2 ND DEC 2019	Pg. 78 - FUNCTIONALITY SCORING TABLE
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

SIGNED ON BEHALF OF TENDERER:

Table A.2 Typical Project for Supply of Existing Fire Alarm Systems, Equipment and Ancillaries.

THE FOLLOWING TABLE WILL BE USED FOR EVALUATION PURPOSES ONLY.

Tenderers must fill in the OEM/Distributor, OEM/Distributor price (excluding VAT), the Discount Offered and Mark-up percentages, as is valid at the closing date of the advertised tender. For evaluation purposes the CCT will take the OEM/Distributor Price (excluding VAT) per item multiplied by the item's quantities to obtain a price for evaluation purposes.

Tenderers must use the identified OEM/Distributor, OEM/Distributor Price List (excluding VAT), Discount Offered and Mark-Up percentages, as reflected in Table A.1 of the Pricing Schedule.

Refer to (5) Specifications and specific paragraphs 5.4 Installation and Commissioning and 5.5 Maintenance for detail specifications for these services.

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Price Excluding VAT and Mark-up percentage (Rand)
A.2.1 Networked Fire Alarm Systems (Ziton or equivalent)						
A.2.1.1	Server	PinnSec	1	0%	0%	R 15433,06
A.2.1.2	Client PC Workstation with 24" LCD monitor	PinnSec	1	0%	0%	R 11851,83
A.2.1.3	Maestro dongle and software or equivalent	UTC	1	7,2%	30%	R 24400,50
A.2.1.4	Ziton ZP3 Fire Panel complete with 4 loops (Version 3.1 or higher) or equivalent	UTC	1	7,2%	30%	R 19779,04
A.2.1.5	Upgrade of Ziton ZP3 panels from version 2 to version 3.1 or higher or equivalent	UTC	1	7,2%	30%	R 652,23
A.2.1.6	ATS8600 software and licence or equivalent	UTC	1	7,2%	30%	R 12446,84
A.2.1.7	Ziton ZP3 Master Panel display or equivalent	UTC	1	7,2%	30%	R 4104,24
A.2.2 Stand-Alone Fire Alarm Systems (Ziton or equivalent)						
A.2.2.1	Ziton ZP3 Fire Panel complete with 4 loops or equivalent	UTC	1	7,2%	30%	R 19779,04
A.2.2.2	Conventional Fire Panel with 8 zones or equivalent	UTC	1	7,2%	30%	R 2804,55

4 2014
10/28/14

Table B.2 Typical Project for Supply of New Fire Alarm Systems, Equipment and Ancillaries.

THE FOLLOWING TABLE WILL BE USED FOR EVALUATION PURPOSES ONLY.

Tenderers must fill in the OEM/Distributor, OEM/Distributor price (excluding VAT), the Discount Offered and Mark-up percentages, as is valid at the closing date of the advertised tender. For evaluation purposes the CCT will take the OEM/Distributor Price (excluding VAT) per item multiplied by the item's quantities to obtain a price for evaluation purposes.

Tenderers must use the identified OEM/Distributor, OEM/Distributor Price List (excluding VAT), Discount Offered and Mark-Up percentages, as reflected in Table B.1 of the Pricing Schedule.

Refer to (5) Specifications and specific 5.4 Installation and Commissioning and 5.5 Maintenance for detail specifications for these services.

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.1 Networked Fire Alarm Systems (Ziton or equivalent)						
B.2.1.1	Server	Pinnsec	1	0%	0%	R 15433,06
B.2.1.2	Client PC Workstation with 24" LCD monitor	Pinnsec	1	0%	0%	R 11857,83
B.2.1.3	ATS8600 software and licence or equivalent	UTC	1	7,2%	30%	R 12446,84
B.2.1.4	Ziton ZP2 Fire Panel complete with 4 loops (Version 3.1 or higher) or equivalent	UTC	1	7,2%	30%	R 13542,53
B.2.1.5	Ziton ZP2 Master Panel display or equivalent	UTC	1	7,2%	30%	R 4104,24
B.2.2 Stand-Alone Fire Alarm Systems (Ziton or equivalent)						
B.2.2.1	Ziton ZP2 Fire Panel complete with 4 loops or equivalent	UTC	1	7,2%	30%	R 13542,53
B.2.2.2	Conventional Fire Panel with 8 zones	UTC	1	7,2%	30%	R 2804,55

* 1708
for JS

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.3 Fire Alarm Peripherals and General (Ziton or equivalent)						
B.2.3.1	Ziton 4 loop ZP2 motherboard on chassis or equivalent	UTC	1	7,2%	30%	R 3990,44
B.2.3.2	Ziton CPU for ZP2 (1MB) or equivalent	UTC	1	7,2%	30%	R 2656,54
B.2.3.3	Ziton RS232 port and commissioning key switch board or equivalent	UTC	1	7,2%	30%	R 464,26
B.2.3.4	Ziton Replacement ZP2 keypad (blue) or equivalent	UTC	1	7,2%	30%	R 515,37
B.2.3.5	Ziton Display board (Euro LCD) or equivalent	UTC	1	7,2%	30%	R 4104,24
B.2.3.6	Ziton A Series mini interface unit or equivalent	UTC	1	7,2%	30%	R 350,90
B.2.3.7	Ziton A Series mini relay unit or equivalent	UTC	1	7,2%	30%	R 535,64
B.2.3.8	Ziton A Series mini relay unit, mains switching or equivalent	UTC	1	7,2%	30%	R 659,21
B.2.3.9	Ziton A Series mini isolator unit or equivalent	UTC	1	7,2%	30%	R 291,91
B.2.3.10	Ziton A70 conventional interface or equivalent	UTC	1	7,2%	30%	R 1048,07
B.2.3.11	Ziton Optical sensor or equivalent	UTC	1	7,2%	30%	R 325,81
B.2.3.12	Ziton Heat sensor (ZP2) or equivalent	UTC	1	7,2%	30%	R 369,74
B.2.3.13	Ziton Surface mounting sensor base or equivalent	UTC	1	7,2%	30%	R 33,29

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.4 Fire Alarm Systems Ancillaries and General (Ziton or equivalent)						
B.2.4.1	4 & 8 Input Addressable Module	ZYTEQ FIRE	1	8,3%	40%	R 790,38
B.2.4.2	Standalone Loop Isolator	ZYTEQ FIRE	1	8,3%	40%	R 298,26
B.2.4.3	IP67 Rated Addressable Call Point	ZYTEQ FIRE	1	8,3%	40%	R 1640,42
B.2.4.4	Graphics Display and Alarm Management System for upto 64 fire alarm panels	ZYTEQ FIRE	1	8,3%	40%	R 29825,82
B.2.4.5	Networkable Analogue Addressable Control Panel	ZYTEQ FIRE	1	8,3%	40%	R 1251,26
B.2.4.9	SMS Unit for Alarm Management	REGAL EURO	1	5%	40%	R 1575,00
B.2.5 Audio Evacuation System (TOA or equivalent)						
B.2.5.1	VM-3360ECE VM Extension Amplifier 360W or equivalent	TOA	1	16%	30%	R 33452,78
B.2.5.2	VM-3360VACE Voice Alarm System Amplifier 360W - 6 Zone or equivalent	TOA	1	16%	30%	R 37876,55
B.2.5.3	EV-700 Digital Announcer or equivalent	TOA	1	16%	30%	R 29639,62
B.2.5.4	VP-2421 1 Channel power amplifier @ 420W RMS per channel or equivalent	TOA	1	16%	30%	R 13808,06
B.2.5.5	PC-2369EN Ceiling Speaker - Certified EN54-24 or equivalent	TOA	10	16%	30%	R 6755,80
B.2.5.6	SC-615BS Horn Speaker - Certified BS & EN54-24 or equivalent	TOA	10	16%	30%	R 13666,00

41198.00

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.5.7	BS-678BSB Wall Speaker Black - Certified BS & EN54-24 or equivalent	TOA	10	16%	30%	R 5952,00
B.2.5.8	19" Rack and Accessories 22U	TOA	1	16%	30%	R 5283,68
B.2.5.9	Fireman microphones	TOA	10	16%	30%	R 155627,90 ~~R 155627,90~~
B.2.5.10	Remote microphone input modules	TOA	1	16%	30%	R 1489,21
B.2.5.11	Dual power supply modules	TOA	1	16%	30%	R 5893,50
B.2.5.12	Power supply frames	TOA	1	16%	30%	R 2357,24
B.2.5.13	Surveillance frames	TOA	1	16%	30%	R 19349,15
B.2.5.14	Emergency supply units	TOA	1	16%	30%	R 11092,73
B.2.5.15	Impedance fault detection modules	TOA	1	16%	30%	R 3797,72
B.2.5.16	Power amplifier input module with local input	TOA	1	16%	30%	R 1713,32
B.2.5.17	4 channel power amplifiers	TOA	1	16%	30%	R 10564,93
B.2.5.18	Integrated Voice Evacuation System	TOA	1	16%	30%	R 31256,32
B.2.5.19	100V line to line input attenuator boards	TOA	10	16%	30%	R 3231,80
B.2.5.20	Low impedance microphone input preamplifier with gain control	TOA	1	16% GROUND FLOOR	30%	R 781,14

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.5.21	Remote microphone extensions	TOA	10	16%	30%	R 37814,80
B.2.5.22	Voice Announcement Boards with memory cards	TOA	1	16%	30%	R 944,18
B.2.5.23	12V 70Ah DPD Batteries	TOA	10	16%	30%	R 43360,80
B.2.5.24	Edwards PA interface or equivalent	UTC	1	7,2%	30%	R 350,90
B.2.5.25	Edwards LAN Interface or equivalent	UTC	1	7,2%	30%	R 350,90
B.2.5.26	White Noise System	TOA	1	16%	30%	R 1138,26
B.2.6 Fire Suppression System						
B.2.6.2	NAFMOD06 6 LITRE CYLINDER c/w BRACKET or equivalent	Compass Security	1	5%	40%	R 8679,00
B.2.6.3	NAFMOD10 10 LITRE CYLINDER c/w BRACKET or equivalent	Compass Security	1	5%	40%	R 8904,00
B.2.6.4	25 LITRE CAPACITY CYLINDER c/w BRACKET	Compass Security	1	5%	40%	R 12198,75
B.2.6.5	45 LITRE CAPACITY c/w BRACKET	Compass Security	1	5%	40%	R 3223,28
B.2.6.6	ECO202A ECKOSHIELD HFC FIRE EXTINGUISHING GAS or equivalent	Compass Security	1	5%	40%	R 396,00
B.2.6.7	FREIGHT6L FREIGHT CHARGES PER 6L CYLINDER or equivalent	Compass Security	1	5%	40%	R 875,00
B.2.6.8	FREIGHT10L FREIGHT CHARGES PER 10L CYLINDER or equivalent	Compass Security	1	5%	40%	R 937,50

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.6.9	FREIGHT25L FREIGHT CHARGES PER 25L CYLINDER or equivalent	Compass Security	1	5%	40%	R 1000,00
B.2.6.10	FREIGHT45L FREIGHT CHARGES PER 45L CYLINDER or equivalent	Compass Security	1	5%	40%	R 1125,00
B.2.6.11	ECO601 WARNING SIGN DOOR-HFC-227ea or equivalent	Compass Security	1	5%	40%	R 230,00
B.2.6.13	Z630-3P Conventional Optical Detector - POLAR WHITE or equivalent	UTC	10	7,2%	30%	R 1373,20
B.2.6.14	Conventional Temperature Detector, 58°C,ROR, Grade 1	UTC	10	7,2%	30%	R 1313,20
B.2.6.15	Conventional Temperature Detector, 58°C, Fixed, Grade 2	UTC	10	7,2%	30%	R 1313,20
B.2.6.16	Conventional Temperature Detector, 77°C, Fixed, Grade 1	UTC	10	7,2%	30%	R 1313,20
B.2.6.17	Z6-BS1-P Conventional Base, 2-wire - POLAR WHITE or equivalent	UTC	10	7,2%	30%	R 285,20
B.2.6.18	Z6-BS5-P Conventional Diode Base, 2-wire - POLAR WHITE or equivalent	UTC	10	7,2%	30%	R 721,60
B.2.6.19	Conventional Intrinsically Safe Heat Detector	UTC	10	7,2%	30%	R 10005,20
B.2.6.20	Conventional Intrinsically Safe Smoke Detector	UTC	10	7,2%	30%	R 1182,00
B.2.6.21	Conventional Intrinsically Safe Detector Base	UTC	10	7,2%	30%	R 1393,10
B.2.6.22	Galvanic Barrier for Conventional Intrinsically Safe Devices	UTC	1	7,2%	30%	R 4625,34
B.2.6.23	Remote Indicator	UTC	1	7,2%	30%	R 85,65

GROUND FLOOR

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.6.24	MCP RED, 100 Ohm Free Contact, Surface Mount, Resettable Element or equivalent	UTC	1	7,2%	30%	R 142,92
B.2.6.25	MCP RED, 560 Ohm Free Contact, Intrinsically Safe, Outdoor or equivalent	UTC	1	7,2%	30%	R 1277,61
B.2.6.26	MCP YELLOW, EXTINGUISHING RELEASE or equivalent	UTC	1	7,2%	30%	R 208,75
B.2.6.27	Surface Mounting Box with Earth Connector - YELLOW	UTC	1	7,2%	30%	R 51,97
B.2.6.28	Surface Mounting Box GREEN with Earth Connector	UTC	1	7,2%	30%	R 51,97
B.2.6.29	MCP GREEN, Double-pole Free Contact or equivalent	UTC	1	7,2%	30%	R 403,64
B.2.6.30	Surface Mounting Box GREEN with Earth Connector	UTC	1	7,2%	30%	R 51,97
B.2.6.31	MCP Resettable Element or equivalent	UTC	1	7,2%	30%	R 16,09
B.2.6.32	Hinged Cover	UTC	1	7,2%	30%	R 29,21
B.2.6.33	Breakable Seals (5 Pack)	UTC	1	7,2%	30%	R 90,95
B.2.6.34	Fire Sounder, Multi Tone, Shallow Base	UTC	1	7,2%	30%	R 325,68
B.2.6.35	Sounder, Multi Tone, Shallow base, Mains Powered	UTC	1	7,2%	30%	R 677,35
B.2.6.36	Fire Sounder, Multi-tone, High Output	UTC	1	7,2%	30%	R 1302,72
B.2.6.37	LED Beacon, Intrinsically Safe, RED Lens	UTC	1	7,2%	30%	R 5616,24

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.6.38	Sounder/Beacon, white, multi tone, deep base, ceiling mount, red flash	UTC	1	7,2%	30%	R 1213,27
B.2.6.39	Sounder/Beacon, multi tone, deep base, wall mount, red flash	UTC	1	7,2%	30%	R 1213,27
B.2.6.40	Fire Sounder/Beacon, LED Beacon, Multi Tone, High Output, red flash	UTC	1	7,2%	30%	R 2780,40
B.2.6.41	LED Beacon, white deep base, ceiling mount, red flash	UTC	1	7,2%	30%	R 545,69
B.2.6.42	LED BEACON YELLOW SHALLOW BASE WALL MOUNT	UTC	1	7,2%	30%	R 349,69
B.2.6.43	Fire Alarm Bell 6"	UTC	1	7,2%	30%	R 395,29
B.2.6.44	8" Fire bell - Outdoor	UTC	1	7,2%	30%	R 1198,78
B.2.6.45	Fire Sounder, Intrinsically Safe, Multi-tone, Surface Mount	UTC	1	7,2%	30%	3166,72 ~~8756,10~~
B.2.6.46	Fire Sounder, Hazardous Area, Multi Tone, Horn	UTC	1	7,2%	30%	8756,10
B.2.6.47	Galvanic Isolator for AS370/FA370 Series or equivalent	UTC	1	7,2%	30%	R 4326,52
B.2.6.48	Door Holder, Surface Mount, 400N, with Release Button	UTC	1	7,2%	30%	R 392,15
B.2.6.49	Door Holder, Universal Adjustable Tube, 400N, Release Button, 475mm	UTC	1	7,2%	30%	R 782,15
B.2.6.50	Universal Door Magnet, adjustable	UTC	1	7,2%	30%	R 1029,01
B.2.7 Aspirating Smoke Detection System (SecuriRAS or equivalent)						

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.7.1	Aspirating Smoke Detector, 1 Sampling Pipe/Detector	SECURITON	1	11,5%	40%	R 8728,50
B.2.7.2	Aspirating Smoke Detector, 2 Sampling Pipe/Detector, 1 Smoke level display	SECURITON	1	11,5%	40%	R 16356,45
B.2.7.3	Smoke Sensing Device	SECURITON	1	11,5%	40%	R 4364,25
B.2.7.4	Loop I/F module	SECURITON	1	11,5%	40%	R 1992,38
B.2.7.5	Relay I/F module	SECURITON	1	11,5%	40%	R 1382,65
B.2.7.6	Memory card module	SECURITON	1	11,5%	40%	R 3099,25
B.2.7.7	SD-Card Industrial 2GB	SECURITON	1	11,5%	40%	R 884,24
B.2.7.8	Serial Master Module for RS485 networking of Special Fire Detectors	SECURITON	1	11,5%	40%	R 5703,89
B.2.7.9	Universal module support for Special Fire Detectors	SECURITON	1	11,5%	40%	R 409,86
B.2.7.10	Pipe planning and calculation software	SECURITON	1	11,5%	40%	R 4508,90
B.2.7.11	Pipe planning and calculation software Dongle and User License	SECURITON	1	11,5%	40%	R 8875,90
B.2.7.12	USB 2.0 cable for connection between Aspirating Smoke Detector and PC	SECURITON	1	11,5%	40%	R 303,60 .
B.2.7.13	Detector Box	SECURITON	1	11,5%	40%	R 3472,43 .
B.2.7.14	Filter-box extra large	SECURITON	1	11,5%	40%	R 1720,4-

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.7.15	Dirt trap box	SECURITON	1	11,5%	40%	R 1758,35
B.2.7.16	Water retaining box	SECURITON	1	11,5%	40%	R 3529,35
B.2.7.17	Air cooler and water collector	SECURITON	1	11,5%	40%	R 13889,70
B.2.7.18	Automatic blow out device	SECURITON	1	11,5%	40%	R 29613,65
B.2.7.19	Detonation flame arrester	SECURITON	1	11,5%	40%	R 28842,00
B.2.7.20	Noise reduction housing	SECURITON	1	11,5%	40%	R 13889,70.
B.2.8 Emergency Lighting System (Firescape or equivalent)						
B.2.8.1	FIREscape or equivalent 2 Loop Control Panel for up to 254 luminaires	FSD	1	3,7%	25%	R 1517,75
B.2.8.2	FIREscape or equivalent Transformer 35V AC, 222VA	FSD	1	3,7%	25%	R 1843,34 ~~R 1781,28~~
B.2.8.3	FIREscape or equivalent Addressable LED Corridor Luminaire (including battery)	FSD	1	3,7%	25%	R 2103,57
B.2.8.4	FIREscape or equivalent Addressable LED Open Space Luminaire (including battery)	FSD	1	3,7%	25%	R 2069,07
B.2.8.5	FIREscape or equivalent Addressable Step Luminaire (including battery)	FSD	1	3,7%	25%	R 3300,09

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.8.6	High Power Corridor Luminaire (including battery)	FSD	1	3,7%	25%	R 4519,34
B.2.8.7	High Power Open Area Luminaire (including battery)	FSD	1	3,7%	25%	R 4745,50
B.2.8.8	20m Emergency Exit Sign Frame, white (including battery and lens)	FSD	1	3,7%	25%	R 1039,22
B.2.8.9	FIREscape or equivalent 20m Lens, DOWN arrow (ISO7010)	FSD	1	3,7%	25%	R 207,00
B.2.8.10	40m Emergency Exit Sign Frame, white (including battery and lens)	FSD	1	3,7%	25%	R 1157,23
B.2.8.11	FIREscape or equivalent 40m Lens, LEFT arrow (ISO7010)	FSD	1	3,7%	25%	R 313,47
B.2.8.12	FIREscape or equivalent Recess Adaptor 20M Exit Sign	FSD	1	3,7%	25%	R 2342,09
B.2.8.13	FIREscape or equivalent Recess Adaptor 40M Exit Sign	FSD	1	3,7%	25%	R 2653,43
B.2.8.14	Emergency Lighting Battery	FSD	1	3,7%	25%	R 382,47
B.2.8.15	BESA Box Adaptor Plate	FSD	1	3,7%	25%	R 29,39
B.2.8.16	FIREscape or equivalent Panel to Computer Cable	FSD	1	3,7%	25%	R 1138,46
B.2.8.17	Dome Enclosure (for EL-DL2 & DL3 or equivalent)	FSD	1	3,7%	25%	R 2612,54
B.2.8.18	Dome Enclosure with Bracket (for EL-DL3 or equivalent)	FSD	1	3,7%	25%	R 2612,54

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.8.19	FIREscape or equivalent Expansion Unit	FSD	1	3,7%	25%	R 5312,38
B.2.8.20	FIREscape or equivalent Installation and Maintenance Program	FSD	1	3,7%	25%	R 4607,93
B.2.8.21	FIREscape or equivalent Input / Output Unit	FSD	1	3,7%	25%	R 2927,29
B.2.8.22	FIREscape or equivalent RS232 Channel Isolator	FSD	1	3,7%	25%	R 401,65
B.2.8.23	FIREscape or equivalent Remote Keypad Controller	FSD	1	3,7%	25%	R 6534,32
B.2.8.24	FIREscape or equivalent Terminal Server TCP/IP-RS232 Converter	FSD	1	3,7%	25%	R 4404,77
B.2.8.25	FIREscape or equivalent Media Converter	FSD	1	3,7%	25%	R 35137,63
B.2.8.26	FIREscape or equivalent Phase Monitor Relay Unit	FSD	1	3,7%	25%	R 1409,77
B.2.8.27	FIREscape or equivalent Bus Controlled Power Supply Unit	FSD	1	3,7%	25%	R 1290,26
B.2.8.28	FIREscape or equivalent Ethernet or equivalent IEEE802.3 compliant Switch 5 Port	FSD	1	3,7%	25%	R 6776,24
B.2.8.29	FIREscape or equivalent Ethernet or equivalent IEEE802.3 compliant Switch 8 Port	FSD	1	3,7%	25%	R 9486,74
B.2.8.30	FIREscape or equivalent USB to Serial Cable	FSD	1	3,7%	25%	R 138,46

Item	Description	Identify OEM or Distributor	Quantity	Mark-up Percentage (%)	Discount Offered (%)	OEM or Distributor Unit Price Excluding VAT, Discount Offered (%) and Mark-up (%) (Rand)
B.2.8.31	Emergency Light Recess Adaptor	FSD	1	3,7%	25%	R 370,2
B.2.8.32	ESP Programmer and PL-3 Lead or equivalent	FSD	1	3,7%	25%	R 163,97
B.2.8.33	FIREscape or equivalent Mounting Base	FSD	1	3,7%	25%	R 50,26

B.2.9. Cabling

B.2.9.1.	PH30 Fire retarded cable per metre (1mm ² , 2 core solid)	UTC	100	25%	0%	R 820,00
B.2.9.2.	PH120 Fire resistant cable per metre (1mm ² , 2 core solid)	UTC	100	25%	0%	R 1119,00
B.2.9.3.	0.8mm ² 2-core solid fire alarm cable per metre	ACTSYS	100	25%	20%	R 750,00
B.2.9.4.	4-Core screened communications cable per metre	ACTSYS	100	25%	20%	R 712,50
B.2.9.5.	0.55mm ² ripcord per metre	ACTSYS	100	25%	20%	R 243,75
B.2.9.6.	CAT6E cable per metre	ACTSYS	100	25%	20%	R 602,50
B.2.9.7.	1.5mm ² 3 core cabtyre per metre	ACTSYS	100	25%	20%	R 1040,00

j) Energize actuator for appropriate selector valves.

5.2.5.5 The actuator shall possess a brass hexagonal body, brass piston, threaded front section and have wiring extending out the back end. The internal electrically detonator component shall conform to 91/155/EEC and ISO 11014-1.

5.2.5.6 The Solenoid (Ci IS 8B or equivalent) shall activate the (Ci IV8 or equivalent valves), either directly or with the use of either the Ci PA8 or SV SV CiC or equivalent adapters. The solenoid shall utilize neodymium magnets thus reducing the number of moving parts to a minimum. The device shall be available either as a standard solenoid or as a solenoid with built-in manual activator. The device shall feature built-in end of line resistor allowing monitoring of the complete activation circuit. The Solenoid shall possess a built-in current limiter which reduces the power consumption after it has been activated.

5.2.6 Emergency Lighting System

5.2.6.1 The Emergency Lighting System (Firescape or equivalent) shall be based around an addressable control panel with battery back-up and feature self contained luminaires and signage connected with screened, extra-low voltage cabling, with lighting units fitting onto the standard sensor base.

5.2.6.2 The system shall be based on LED (Light Emitting Diode) solutions and be capable of controlling the condition of LED lights and batteries and providing status information either locally on a keypad or graphically at the control centre.

5.2.6.3 The system shall allow luminaires and emergency exit signs to share the same circuit with luminaire lines capable of upto 127 devices per line.

5.2.6.4 The system's luminaires shall have stand-by batteries with automatic luminaire and LED health testing features.

5.2.6.5 The Addressable Control Panel (EL-2 or equivalent) shall feature 2 lines, each capable of connecting 127 exit signs, route lights or I/O units. The panel shall supply operational voltage to light units under normal conditions, with monitored event information saved in the memory of the control panel.

5.3 REGISTRATION WITH THE FIRE DETECTION INSTALLERS ASSOCIATION (FDIA) AND SOUTH AFRICAN QUALIFICATION AND CERTIFICATION COMMITTEE (SAQCC) FIRE

5.3.1 Tenderers may provide a certified copy of their certificate of registration with the Fire Detection Installers Association (FDIA), or equivalent recognised professional fire protection authority, as evidence in Schedule 16M.

5.3.2 Tenderers shall provide proof of registration of authorised staff with SAQCC Fire. The Tenderer shall provide the evidence in Schedule 16F.

5.4 INSTALLATION AND COMMISSIONING

5.4.1 The successful Tenderer shall be responsible for the installation and successful commissioning of the equipment and systems. This shall include but not be limited to power installations, cabling, software and equipment.

5.4.2 The installation shall be of an industry recognised standard to the satisfaction of the City's Representative.

6.2 Tenderer's obligations

6.2.1 Responsiveness Criteria

6.2.1.1 Tenderers are obligated to submit a tender offer that complies in all aspects to the conditions as detailed in this tender document. Only those tenders that comply in all aspects with the tender conditions, specifications, pricing instructions and contract conditions will be declared to be responsive.

6.2.1.1.1 Submit a tender offer

Only those tender submissions from which it can be established 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.

6.2.1.1.2 Compliance with requirements of CCT SCM Policy and procedures

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

- a) Full name of tendering entity to be provided;
- b) Identification number or company or other registration number to be provided;
- c) Tax reference number to be provided;
- d) VAT registration number (if any) to be provided;
- e) 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 to be completed);
- f) A copy of the partnership / joint venture / consortium agreement to be provided.
- g) A completed **Declaration of Interest – State Employees** to be provided and which does not indicate any non-compliance with the legal requirements relating to state employees (applicable schedule to be completed);
- h) 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 (applicable schedules to be completed);
- i) A completed **Certificate of Independent Bid Determination** to be provided and which does not indicate any non-compliance with the requirements of the schedule (applicable schedule to be completed);
- j) The tenderer (including any of its directors or members), has not been restricted in terms of abuse of the Supply Chain Management Policy,
- k) The tenderer's tax matters with SARS are in order;
- l) The tenderer is not an advisor or consultant contracted with the CCT,
- m) The tenderer is not a person, advisor, corporate entity or a director of such corporate entity, involved with the bid specification committee.

6.2.1.1.3 Compulsory clarification meeting and other Mandatory requirements

6.2.1.1.3.1 Compulsory clarification meeting

A compulsory clarification meeting or briefing session applies to this tender. Tenderers shall attend this briefing session to ensure tender responses submitted are responsive and can be considered for evaluation. Please refer to (1) **GENERAL TENDER INFORMATION** for details about the compulsory tender briefing session.

6.2.1.1.3.2 Mandatory requirements

6.2.1.1.3.2.1 Evidence of SAQCC Fire registration (provide evidence in Schedule 16F)

Tenderers and their staff shall be registered and in good standing with the South African Qualifications and Certification Committee [SAQCC] Fire. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a current valid certificates of registration with the SAQCC Fire.

6.2.1.1.3.2.2 Evidence of after sales support (provide evidence in Schedule 16G)

Tenderers shall provide confirmation, in writing from each OEM, parent company or distributor, on the OEM, parent company or distributor's stationary, clearly stating that they approve and authorise the Tenderer's support of their systems, equipment and ancillaries as well as an undertaking from the OEM or parent company or distributor for the Tenderer to provide after sales support for both hardware and software for their systems, equipment and ancillaries, if required by the Tenderer or on request from the CCT.

Schedule 16: Information to Be Provided with The Tender

The following information shall be provided with the Tender:

Please refer to Section (4) **Pricing Schedule** as well as Section (5) **Specifications** for references to **Schedule 16** where evidence or proof in terms of technical data sheets, product specifications, technical drawings, proof of certificates and other information is requested to confirm the Tenderer's response in these Sections.

Where the provided space for the Tenderer's response is not sufficient or the Tenderer want to attached additional information or annexure to display the information required this can be attached to this Tender response document but **MUST** be properly referenced to the specific sub-schedule of Schedule 16.

Schedule 16 A. Information on Supply of Existing Fire Alarm Systems, Equipment and Ancillaries

Please provide technical data sheets and/or drawings and detailed and comprehensive product price lists, as well as all warranties and/or guarantees where applicable, for all the products, equipment and ancillaries proposed in the Tenderer's solution in **Schedule A** and the sub-categories in **Table A.1**, for fully functional **Existing Fire Alarm Systems, Equipment and Ancillaries**, as specified in this tender.

REFER Schedule 14:
LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 2

SIGNED ON BEHALF OF TENDERER:

Schedule 16 B. Information on Supply of New Fire Alarm Systems, Equipment and Ancillaries

Please provide technical data sheets and/or drawings and detailed and comprehensive product price lists, as well as all warranties and/or guarantees where applicable, for all the products, equipment and ancillaries proposed in the Tenderer's solution in **Schedule A** and the sub-categories in **Table B.1**, for **fully functional New Fire Alarm Systems, Equipment and Ancillaries**, as specified in this tender.

REFER TO SCHEDULE 14:
LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 2

SIGNED ON BEHALF OF TENDERER:

Schedule 16 C. Information on Supply of Fire Alarm Systems, Equipment and Ancillaries

Please provide evidence of compliance with IEC65 by attaching a current, valid Letter of Authority issued by the SABS, as requested in 5.2.2.2.

Refer To Schedule 14:

LIST OF OTHER DOCUMENTS ATTACHED
By TENDERER: ANNEXURE 3

SIGNED ON BEHALF OF TENDERER

Schedule 16 D. Information on Supply of Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide a sample schematic diagram as part of the Bid in this schedule as requested in 5.4.6.

Refer To Schedule 14.

List of other documents ATTACHED
By TENDERER: ANNEXURE 4

SIGNED ON BEHALF OF TENDERER:

Schedule 16 E. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide the following evidence and information, relating to Fire Alarm Systems, Equipment and Ancillaries, as referenced in 6.2.1.1.4 Minimum score for functionality, as part of the Bid, in this schedule

- 6.2.1.1.4.1 Evidence of the number of years the Tenderer has been actively providing services for Fire Alarm Systems
- 6.2.1.1.4.2 Evidence of Call Centre or Helpdesk contact number, details and operating hours
- 6.2.1.1.4.3 Evidence in the form of an Organogram clearly showing the number of Managers and Administrative staff
- 6.2.1.1.4.4 Evidence of available resources for this project in the form of an organogram and list of all SAQCC Fire registered engineering staff with at least 3 years of relevant experience and SAQCC Fire registered technical staff with at least 5 years of relevant experience.
- 6.2.1.1.4.5 Evidence of verifiable Enterprise Clients with contactable references.
- 6.2.1.1.4.6 Evidence of the value of current or completed Contracts in the last 3 years.

REFER TO SCHEDULE 14
LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 5

SIGNED ON BEHALF OF TENDERER:

Schedule 16 F. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide the SAQCC Fire Registration Certificates for the Tenderer and their staff as part of the Bid in this schedule as requested in 6.2.19.3.

REFER TO SCHEDULE 14
LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 6

SIGNED ON BEHALF OF TENDERER

Schedule 16 G. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide evidence of after sales support as part of the Bid in this schedule as requested in 6.2.19.5.

REFER TO SCHEDULE 14

LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 7

SIGNED ON BEHALF OF TENDERER:

Schedule 16 H. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide proof of compliance with applicable standards as part of the Bid in this schedule as requested in 6.2.19.4

REFER TO SCHEDULE 14
LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 8

SIGNED ON BEHALF OF TENDERER:

Schedule 16 I. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide evidence of resource capacity as part of the Bid in this schedule as requested in 6.2.19.6.

REFER TO SCHEDULE 14.

LIST OF OTHER DOCUMENTS ATTACHED
BY TENDER: ANNEXURE 9

SIGNED ON BEHALF OF TENDERER:

Schedule 16 J. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide detailed and comprehensive price lists as part of the Bid in this schedule as requested in 6.2.19.7.

REFER TO SCHEDULE 14
LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 10

SIGNED ON BEHALF OF TENDERER:

Schedule 16 K. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide evidence of Premises and Workshops as part of the Bid in this schedule as requested in 6.2.19.8.

REFER TO SCHEDULE 14
LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 11

SIGNED ON BEHALF OF TENDERER:

Schedule 16 L. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide the Key Contact Person's name and contact details as part of the Bid in this schedule as requested in 22.1 of the Special Conditions of Contract

Refer To Schedule 14
List of Other Documents Attached
By TENDERER: ANNEXURE 12

SIGNED ON BEHALF OF TENDERER:

Schedule 16 M. Information on Fire Alarm Systems, Equipment and Ancillaries

Tenderers shall provide evidence of the Fire Detection Installers Association (FDIA) or equivalent Registration Certificate as part of the Bid in this schedule as requested in 5.3.1.

REFER TO SCHEDULE 14
LIST OF OTHER DOCUMENTS ATTACHED
BY TENDERER: ANNEXURE 13

SIGNED ON BEHALF OF TENDERER:

TENDER NO: 135S/2019/20

(10) CONTRACT DOCUMENTS

ANNEXURE 1: Form of Guarantee / Performance Security – NOT USED

ANNEXURE 2: Form of Advance Payment Guarantee – NOT USED

ANNEXURE 2A: Advance Payment Schedule – NOT APPLICABLE

This Advance Payment Schedule is to be read in conjunction with clause 16.6 in the SCC. The purpose of this schedule is to itemise specific plant and materials for which the CCT is prepared to make advance payment to the supplier, subject to the conditions below.

The items of plant and materials which have been identified by the CCT as being suitable for advance payment in terms of the Contract are listed in the table below. Should an item or items be added to the list at tender stage by a tenderer, such item(s) will not be binding on the CCT.

Plant and materials which have been manufactured and are stored by the supplier	Plant and materials yet to be manufactured and for which a deposit with order is required from the supplier by a third party manufacturer/supplier, and which may be stored by the supplier:

Conditions:

- 1) The supplier can only rely on advance payment being permitted by the CCT in respect of the plant and materials listed in the table above. The CCT may, however, permit advance payment for other plant and materials in exceptional circumstances and at its sole discretion, during the course of the Contract, and upon reasonable request from the supplier.
- 2) Advance payment for the purposes of deposits will only be provided up to a limit of [0: %] of the value of any one item being claimed.
- 3) The supplier shall provide the CCT with documentary evidence of the terms and conditions for which a deposit with order is required by a third party manufacturer/supplier, together with the advance payment guarantee.
- 4) The supplier will also be permitted to obtain advance payment for the balance of the value of the plant and materials in respect of which he has paid a deposit, for an item which after manufacture is stored by the supplier. The supplier shall, in respect of such payment, provide an advance payment guarantee, either for such balance or, if the advance payment guarantee in respect of the deposit is to be returned by the CCT upon request, for the whole value of the item.

P.O BOX
EMAIL:
TEL:

ANNEX 1 (continued)

MONTHLY PROJECT LABOUR REPORT

TENDER NO: 135S/2019/20

CITY OF CAPE TOWN
ISIIXEKO SASEKAPA
STAD KAAPSTAD

WORKER DETAILS AND WORK INFORMATION

CONTRACT OR WORKS PROJECT NUMBER:		Year		Month		of				
No.	(8) Firstname	(8) Surname	(8) ID number	(9) Jobseeker Database Reference Number	(10) New Worker (Y/N)	Gender (M/F)	Disabled (Y/N)	(11) No of days worked this month (excl. training)	(12) No of training days this month (with stipend)	(13) Rate of pay per day (R-c)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
								0	0 R	-

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

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

P.O BOX 1
EMAIL:
TEL:

ANNEXURE 3: Monthly Project Labour Report (Example)

ANNEX 1

CITY OF CAPE TOWN
MONTHLY PROJECT LABOUR REPORTCITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Instructions for completing and submitting this form

- General**
- The Monthly Project Labour Reports must be completed in full, using typed, capital letter characters; alternatively, should a computer not be available, handwritten in black ink.
 - Incomplete / incorrect / illegible forms will not be accepted.
 - Any conditions relating to targeted labour stipulated in the Contract (in the case of contracted services / works) shall apply to the completion and submission of these forms.
 - This document is available in Microsoft Excel format upon request from the City's EPWP office, tel 021 400 9406 or email EPWPLR@capetown.gov.za.
- Project Details**
- If a field is not applicable insert the letters: NA
 - Either a Contract (in the case of contracted out services or works) or a Works Project (in the case of direct employment by the City) name and number must be inserted. The name of the contract or works project may be abridged if necessary. In the case of term tenders the contract name and number must reflect the term tender as advertised.
 - On completion of the contract or works project the anticipated end date must be updated to reflect the actual end date.
- Workers Details and Work Information**
- Care must be taken to ensure that worker details correspond accurately with the worker's ID document of which a **Certified copy must be kept for reporting.**
- Jobseeker Database Reference Number**
- Unique number generated by Jobseekers system to confirm workers were sourced from the Jobseekers database operated by Subcouncils
- New workers: Training: Reporting Threshold**
- A new worker is one in respect of which a new employment contract is signed in the current month.
 - Refers to work days only. Formal accredited Training / Non-accredited training that does not form part of on-the-job training must be excluded from this entry
 - All formal accredited / non-accredited training that does not form part of on-the-job training
 - Workers earning more than the maximum daily rate (Reporting Threshold) (currently R350 excluding any benefits) shall not be reflected on this form at all.
- Submission of Forms**
- Signed hardcopy forms must be scanned and submitted to the City's project manager in electronic (.pdf) format, together with the completed form in Microsoft Excel format.
 - Scanned copies of all applicable supporting documentation must be submitted along with each monthly project labour report. Copies of employment contracts and **Certified ID documents** are only required in respect of new workers.
 - If a computer is not available hardcopy forms and supporting documentation will be accepted.
 - Failure to adhere to reporting requirements may result in the withholding of payment; penalties being applied or both

PROJECT DETAILS

Numbers in cells below e.g (6) refer to the relevant instruction above for completing and submitting forms

CONTRACT OR WORKS		CONTRACT OR WORKS	
PROJECT NAME: (6)		PROJECT NUMBER: (6)	
DIRECTORATE		DEPARTMENT:	
CONTRACTOR OR VENDOR NAME:		CONTRACTOR OR VENDOR E-MAIL ADDRESS:	
CONTRACTOR OR VENDOR CONTACT PERSON:		CONTRACTOR OR VENDOR TEL. NUMBER:	
PROJECT LABOUR REPORT CURRENT MONTH (mark with "X")		CELL WORK	
JAN	FEB	MAR	APR
MAY	JUN	JUL	AUG
SEP	OCT	NOV	DEC
YEAR (insert last 2 digits) 2 0			
ACTUAL START DATE (yyyy/mm/dd)			
ANTICIPATED / ACTUAL END DATE (yyyy/mm/dd) (7)			
TOTAL PROJECT EXPENDITURE / VALUE OF WORK DONE TO-DATE (INCLUDING ALL COSTS, BUT EXCLUDING VAT)			
R			

PO BOX
EMAIL:
TEL: (

TENDER NO: 135/2019/20

ANNEXURE 4: BBEE Sub-Contract Expenditure Report (Pro Forma)

TENDER NO. AND DESCRIPTION: 135S/2019/20 AND SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES

SUPPLIER: _____

B-BBEE SUB-CONTRACT EXPENDITURE REPORTRand Value of the contract (as defined in
Schedule 4: Preference Schedule) (P*)

R

B-BBEE Status Level of Prime Supplier

Name of Sub-contractor (list all)	B-BBEE Status Level of supplier ¹	Total value of Sub- contract (excl. VAT) ¹	Value of Sub-contract work to date (excl. VAT) ¹	Value of Sub-contract work to Sub-contractors with a lower B- BBEE Status Level than supplier
Sub-contractor A		R	R	R
Sub-contractor B		R	R	R
Sub-contractor C		R	R	R

¹Documentary evidence to be providedTotal:
Expressed as a
percentage of P*

R

%

SignaturesDeclared by supplier
to be true and correct:

Date: _____

Verified by CCT
Project Manager:

Date: _____

P.O BOX
EMAIL:
TEL:

ANNEXURE 5: Partnership/ Joint Venture (JV) / Consortium/ Expenditure Report (Pro Forma)

TENDER NO. AND DESCRIPTION: 135S/2019/20 AND SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES

SUPPLIER: _____

PARTNERSHIP/ JOINT VENTURE (JV)/ CONSORTIUM EXPENDITURE REPORT

Rand value of the contract (as defined in Schedule 4: Preference Schedule) (P*)		R		B-BBEE Status Level of Partnership/ Joint Venture (JV)/ Consortium	
Name of partners to the Partnership/ JV / Consortium (list all)	B-BBEE Status Level of each partner at contract award	Percentage contribution of each partner as per the Partnership/ JV/ Consortium Agreement ¹	Total value of partner's contribution (excl. VAT) ¹ $B = A\% \times P^*$	Value of partner's contribution to date (excl. VAT) ¹	Value of partner's contribution as a percentage of the work executed to date $D = C/P^* \times 100$
		A		C	
Partner A		%	R	R	%
Partner B		%	R	R	%
Partner C		%	R	R	%

¹Documentary evidence to be providedSignatures

Declared by supplier to be true and correct: _____

Date: _____

Verified by CCT Project Manager: _____

Date: _____

EMAIL:
TEL: 1

ANNEXURE 6: Insurance Broker's Warranty (Pro Forma)

Logo

Letterhead of supplier's Insurance Broker

Date _____

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

Dear Sir

TENDER NO.: 135S/2019/20

**TENDER DESCRIPTION: SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT
AND ANCILLARIES**

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 CITY OF CAPE TOWN with regard to the abovementioned contract, and that all the insurances and endorsements, etc., are all in accordance with the requirements of the contract.

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

Yours faithfully

Signed: _____

For: _____ (Supplier's Insurance Broker)

PO BOX
EMAIL:
TEL:

ANNEXURE 7: Performance Level Agreements: Fire Alarm Systems, Equipment and Ancillaries

Nr	Description	Type of support	SLA	Tenderer Response (Yes/No)
1	Ziton Fire Alarm System or equivalent and TOA Audio Evacuation System or equivalent at Cape Town Civic Centre	High level support, 1 st line, 2 nd line and above	Availability (During working and after hours), excluding planned maintenance >95% Severity 1 = 4 Hours to site 24/7/365, Restore within 8 hours Severity 2 = Next day to site 24/7/365, Restore within 8 hours Severity 3 = Next working day, Restore within 1 day Severity 4 = Restore within 5 working days	YES
2	Ziton Fire Alarm or equivalent and Audio Evacuation Systems at facilities	High level support, 1 st line, 2 nd line and above	Availability (During working and after hours), excluding planned maintenance >95% Severity 1 = 4 Hours to site 24/7/365, Restore within 8 hours Severity 2 = Next day to site 24/7/365, Restore within 8 hours Severity 3 = Next working day, Restore within 1 day Severity 4 = Restore within 5 working days	YES
3	Fire Suppression Systems	High level support, 1 st line, 2 nd line and above	Availability (During working and after hours), excluding planned maintenance >95% Severity 1 = 4 Hours to site 24/7/365, Restore within 8 hours Severity 2 = Next day to site 24/7/365, Restore within 8 hours Severity 3 = Next working day, Restore within 1 day Severity 4 = Restore within 5 working days	YES
4	Emergency Lighting	High level support, 1 st line, 2 nd line and above	Availability (During working and after hours), excluding planned maintenance >95% Severity 1 = 4 Hours to site 24/7/365, Restore within 8 hours Severity 2 = Next day to site 24/7/365, Restore within 8 hours Severity 3 = Next working day, Restore within 1 day Severity 4 = Restore within 5 working days	YES
5	White Noise System	High level support, 1 st line, 2 nd line and above	Availability (During working and after hours), excluding planned maintenance >95% Severity 1 = 4 Hours to site 24/7/365, Restore within 8 hours Severity 2 = Next day to site 24/7/365, Restore within 8 hours Severity 3 = Next working day, Restore within 1 day Severity 4 = Restore within 5 working days	YES
8	Aspirating Smoke Detection System	High level support, 1 st line, 2 nd line and above	Availability (During working and after hours), excluding planned maintenance >95% Severity 1 = 4 Hours to site 24/7/365, Restore within 8 hours Severity 2 = Next day to site 24/7/365, Restore within 8 hours Severity 3 = Next working day, Restore within 1 day Severity 4 = Restore within 5 working days	YES

ANNEXURE 8: Fault Severity Classification: Fire Alarm Systems

Description	Classification
More than 20% of detectors and speakers affected. More than 20% of panels not responding Failure of database servers A critical priority failure at a site	Severity 1
A medium priority failure at a site Failure of one panel or amplifier Less than 20% of detectors and speakers affected Failure of communications links	Severity 2
A low priority failure at site	Severity 3
This is defines as assistance with routine or planned maintenance or upgrades or a request for undertaking procedural work such as reports or reconfiguring system components or assistance with parameters or settings	Severity 4

**Note: The overall system performance classification will override any other individual classification.
The city may elevate the severity of a specific site with mutual agreement for special events**

Performance Level Agreement: Priority Classification for Sites

	Description	Severity Classification	Fire	PA	Gas Suppression	White Noise	Emergency Lighting
1	44 Whale Street Fire & Evac	Critical	X				
2	Adriaanse Housing Offices	Critical	X				
3	Albow Gardens Clinic	Critical	X				
4	Alphen Center Fire Detection Servicing	Critical	X				
5	Athlone Scientific Services	Critical	X	X			
6	Athlone Stadium	Critical	X	X			X
7	Athlone WWTW	Critical	X				
8	Atlantis Westfleur WWTW	Critical	X	X			
9	Bellville Library	Medium		X			
10	Bellville Municipal Building	Critical	X	X			
11	Bellville South Civic Center-Fire Alarm System	Critical	X				
12	Bellville Veledrome	Critical	X				
13	Bellville Library	Critical	X				
14	Blouberg Strand Community Hall	Critical	X				
15	Bothasig Clinic	Medium		X			
16	Brackenfell Municipal Building	Medium		X			
17	Brooklands Water Scheme	Critical	X				
18	Brooklyn Chest Hospital	Critical	X				
19	Cape Flats WWTW	Critical	X				
20	Cape Town Civic Centre	Critical	X	X	X	X	
21	Cathkin Community Centre	Critical	X				
22	Central Library	Critical	X				
23	City Hall	Critical	X				
24	Crossroads Clinic PA	Medium		X			
25	Durbanville Municipal Offices	Critical	X	X			
26	EAM Depot Sacks Circle Fire Detection	Critical	X				
27	Eastridge Clinic	Medium		X			
28	Elsies River Civic Community Facility	Critical	X				

TENDER NO: 135S/2019/20

	Description	Severity Classification	Fire	PA	Gas Suppression	White Noise	Emergency Lighting
29	Faure WWTW	Critical	X				
30	Firlands Pumpstation	Critical	X				
31	Fish Hoek Civic	Critical	X				
32	Fish Hoek Sub Council - Fire Detection Service	Critical	X				
33	Goodwood Municipal Building Fire & Evac	Critical	X	X			
34	Gugu S'Theba	Critical	X	X			
35	Hanover Park Housing Depot	Critical	X				
36	Hanover Park Pools	Medium		X			
37	Hardekraalljie Gas	Critical	X				
38	Hartleyvale Stadium	Critical	X				
39	Heideveld Roads	Medium		X			
40	Hillstar Mechanical Workshop	Medium		X			
41	Hillstar Solid Waste	Critical	X	X			
42	Hillstar Stores	Medium		X			
43	Hillstar TCT Roads	Medium		X			
44	Hillstar Water & Sanitation	Medium		X			
45	Hout Bay Civic	Critical	X				
46	Kloofnek PA System	Medium		X			
47	Kraaifontein Civic Centre	Medium		X			
48	Kraaifontein Solid Waste Man.Fac.	Critical	X	X			
49	Kraaifontein Water Treatment Plant	Critical	X				
50	Kuilsriver Municipal Building	Critical	X	X			
51	Kuyasa Library	Critical	X				
52	Langa Community Hall	Critical	X				
53	Langa Indoor Club	Critical	X				
54	Langa Indoor Complex	Critical	X				
55	Langa Museum Old Post Office	Critical	X				
56	Langa Old Pass Office	Critical	X				
57	Lentegeur Civic Centre	Critical	X	X			
58	Lentegeur Municipal Court	Critical	X				
59	Liebrandt Community Hall	Critical	X				
60	Lotus River Chambers	Medium		X			
61	Manenberg Clinic	Medium		X			
62	Manenberg Housing	Critical	X				
63	Melbosstrand WWTW - Fire Detection	Medium	X				
64	Melton Rose Place Housing Offices	Critical	X				
65	Mfuleni Fire Station	Medium		X			
66	Mitchells Plain Housing	Medium	X				
67	Monwabisi Indoor Complex	Medium		X			
68	Monwabisi Recreation Centre	Critical	X				
69	Mowbray ERF 29454	Critical	X				
70	Mowbray Library	Critical	X				
71	Mzamomhle Clinic	Medium		X			
72	Newlands Pools	Medium		X			
73	Nolungile Clinic	Medium		X			
74	Nyanga Municipal Building	Critical	X	X			
75	Old Age Home - Mandolin Square	Critical	X				
76	Old Age Home - Morea	Critical	X				
77	Old Age Home - Matroosfontein	Critical	X				
78	Old Age Home - Rusoordt	Critical					

TENDER NO: 135S/2019/20

	Description	Severity Classification	Fire	PA	Gas Suppression	White Noise	Emergency Lighting
79	Old Age Home - Apricot Cottages	Critical	X				
80	Old Age Home - Rainbow Lane Cottages	Critical	X				
81	Old Age Home - Ryburg Terrace Complex	Critical	X				
82	Old Age Home - Rusoord	Critical	X				
83	Old Age Home - Parow Park	Critical	X				
84	Old Age Home - Salberau	Critical	X				
85	Old Oak Bowling Club	Critical	X				
86	OminiForum Building	Critical	X	X			
87	Ottery Recreation Centre	Critical	X				
88	Housing Maintenance 27 Oude Molen Road	Critical	X				
89	Parkwood Recreation Centre	Critical	X				
90	Parow DLTC	Critical	X				
91	Phumlani Clinic	Medium		X			
92	Pienaar Road	Critical	X	X			
93	Plumbstead Municipal Building	Critical	X	X			
94	Proteaville Recreation Centre	Critical	X				
95	Ravensmead Clinic	Medium		X			
96	Reed Street Traffic	Critical	X	X			
97	Retreat Civic	Critical	X				
98	Royal Ascot Municipal	Critical	X	X			
99	Schaapkraal Water Depot	Critical	X	X			
100	Scottsdene Housing - Housing Offices	Critical	X				
101	Scottsdene WWTP_MCC Fire Detection	Critical	X				
102	Seawinds Clinic	Critical	X				
103	Simonstown Library	Critical	X				
104	Site B Municipal Building	Critical	X	X			
105	Somerset West Municipal Building	Critical	X	X			
106	Stocks & Stocks	Critical	X	X			
107	Strand Concourse Cape Town	Critical	X	X			
108	Strand Municipal Building	Critical	X	X			
109	Subcouncil Chambers - Subcouncil 18	Medium		X			
110	Swimming Pool - Browns Farm	Medium		X			
111	Swimming Pool - Langa	Medium		X			
112	Swimming Pool - Nyanga	Medium		X			
113	Swimming Pool - Sea Point	Medium		X			
114	TMC Building Phase 1 & 2	Critical	X	X	X		
115	Tokai Library	Critical	X				
116	Vanguard Hall	Critical	X				
117	Voelvllei WWTW	Critical	X				
118	Wale StreetComplex	Critical	X	X			
119	Wallacedene Clinic	Medium		X			
120	Wemmershoek Water Scheme	Critical	X				
121	Wesfleur WWTW	Critical	X	X			
122	Wildevoel Vlei Treatment Plant	Critical	X				
123	Wittebome Civic	Critical	X				
124	Observatory Pools	Medium		X			
125	The Downs Community Centre	Critical	X				
126	Sherwood Park Community Centre	Critical	X				
127	Druivewlei Community Centre	Critical	X				
128	Blomvlei Community Centre	Critical					

TENDER NO: 135S/2019/20

	<u>Description</u>	<u>Severity Classification</u>	<u>Fire</u>	<u>PA</u>	<u>Gas Suppression</u>	<u>White Noise</u>	<u>Emergency Lighting</u>
129	Muizenberg Community Centre	Critical	X				
130	Old Age Home - Sizamele	Critical	X				
131	Morning Star Community Centre	Critical	X				
132	Edgemoor Community Centre	Critical	X				
133	Rochester Road - Metro Police	Critical	X				
134	Athlone Power Station	Critical	X				
135	Atlantis Dassenberg Sub Station	Critical	X				
136	Atlantis Depot Sub Station 4	Critical	X				
137	Atlantis Electricity Depot	Critical	X				
138	Atlantis Electricity Stores	Critical	X				
139	Atlantis Gardenia Sub Station	Critical	X				
140	Atlantis Grosvenor Sub Station	Critical	X				
141	Atlantis John Dreyer Sub Station	Critical	X				
142	Atlantis Sampson Sub Station	Critical	X				
143	Atlantic William Gourley Sub Station	Critical	X				
144	Bloemhof B Block	Critical	X				
145	Bloemhof F Block	Critical	X				
146	Bloemhof First Line Response	Critical	X				
147	Bloemhof H Block	Critical	X				
148	Bloemhof D Block	Critical	X				
149	Eversdal Sub Station	Critical	X				
150	Loch Road Sub Station	Critical	X				
151	Mfuleni Electricity Office	Critical	X				
152	Mowbray Depot	Critical	X				
153	Muzenberg Depot	Critical	X				
154	Ndabeni Fleet	Critical	X				
155	Ndabeni ESS	Critical	X				
156	Ndabeni Public Lighting	Critical	X				
157	Newlands SCADA	Critical	X				
158	Parow South Sub Station	Critical	X				
159	PTM Building	Critical	X				
160	Roggebaai Power Station	Critical	X				
161	Rosmead HV Cables	Critical	X				
162	Steenbras Power Station	Critical	X				
163	Strand Sub Station	Critical	X				
164	Wynberg Depot	Critical	X				
165	Molteno Road	Critical	X				
166	Somerset West Depot	Critical	X				
167	Ndabeni Old Buyers Office	Critical	X				
168	City Bloemhof Substation	Critical	X				
169	Hudson Street Substation	Critical	X				
170	Gugulethu Electricity Depot	Critical	X				
171	THUSONG FIRE DETECTION ATLANTIS	Critical	X				
172	STRAND SAPS FIRE DETECTION	Critical	X				
173	Strand Magistrate Court	Critical	X	X			
174	NYNGA HOME AFFAIRS FIRE DETECTION	Critical	X				
175	NYANGA SAPS FIRE DETECTION SYSTEM	Critical	X				
176	Milnerton Community Centre Hall - Fire Detection System	Critical					
177	MFULENI SATELLITE SAPS FIRE DETECTION SYSTEM	Critical					

TENDER NO: 135S/2019/20

	<u>Description</u>	<u>Severity Classification</u>	<u>Fire</u>	<u>PA</u>	<u>Gas Suppression</u>	<u>White Noise</u>	<u>Emergency Lighting</u>
178	MAITLAND TOWNHALL FIRE DETECTION	Critical	X				
179	LWANDLE SAPS FIRE DETECTION	Critical	X				
180	Hartleyvale Stadium Fire Detection	Critical	X				
181	Athlone Stadium Fire	Critical	X	X			
182	Steenbras WWTP_Evac System	Medium		X			
183	Pinelands Townhall Fire Detection	Critical	X				
184	Kensington Civic Centre Fire Detection	Critical	X				
185	Factreton Civic Hall_Fire Detection	Critical	X				
186	Athlone WWTW Fire Detection	Critical	X				
187	Mitchells Plain WWTW	Critical	X				
188	Cape Flats WWTW	Critical	X				
189	Scottsdene WWTW	Critical	X				
190	Pelican Park Clinic	Critical	X	X			
191	Khayelitsha Resource Centre	Critical	X				
192	E.A.M. Killarney Depot	Critical	X				
193	Milnerton Community Center	Critical	X				
194	Westfleur WWTW	Critical	X	X			
195	Ficus Building Fire Detection	Critical	X				
196	Mfuleni Municipal Evacuation System	Medium		X			
197	Durbanville Civic	Critical	X	X			
198	Vanguard Hall	Critical	X				
199	Goodwood Municipality	Critical	X	X			
200	Melton Rose Place Housing Offices	Critical	X				
201	Mitchells Plain Housing Office	Critical	X				
202	Adriaanse Housing Office	Critical	X				
203	Scottsdene Housing Office	Critical	X				
204	Simonstown WWTP Fire Detection	Critical	X				
205	OR Tambo Hall_Fire Detection	Critical	X	X			
206	Mowbray ERF Electricity Depot	Critical	X				
207	Fazeka Municipal	Critical	X				
208	Pinelands Depot_Evacuation System	Medium		X			
209	Schaapkraal Depot	Critical	X	X			
210	50 Wale Street Evacuation System	Medium		X			
211	OR Tambo Hall PA System repairs	Medium		X			
212	Repair Fire Alarm Mamre Main Hall	Critical	X				
213	Atlantis Multi Purpose Centre_Fire Det.System	Critical	X				
214	Repair Fire Alarm Mamre Recreation Centre	Critical	X				
215	Repair Fire Alarm Ext 12 Hall	Critical	X				
216	Repair Fire Alarm Robinvale Hall	Critical	X				
217	Repair Fire Alarm Avondale Hall	Critical	X				
218	Repair Fire Alarm Saxonsea Hall	Critical	X				
219	261S/2015/16_Repair Fire Alarm Rebecca Hall	Critical	X				
220	Blackheath Hall Fire Detection_2	Critical	X				
221	Kleinvele Hall Fire Detection_2	Critical	X				
222	Eersterivier MCP Fire Detection_2	Critical	X				
223	Room 129_Supply & Install Inergen Gas + Conventional Fire Panel	Medium					
224	Battery Room_Supply & Install Inergen Gas	Medium					
225	LV Room_Supply & Install Inergen Gas	Medium					
226	Server Room 2_Supply & Install Inergen Gas	Medium					
227	UPS Room_Supply & Install Inergen Gas	Medium					

TENDER NO: 135S/2019/20

	<u>Description</u>	<u>Severity Classification</u>	<u>Fire</u>	<u>PA</u>	<u>Gas Suppression</u>	<u>White Noise</u>	<u>Emergency Lighting</u>
228	Server Room 3_Supply & Install Inergen Gas	Medium			X		
229	Server Room 1_Supply & Install Inergen Gas	Medium			X		
230	Hartleyvale Stadium Evacuation System	Medium		X			
231	Kraaifontein Municipal Building	Critical	X				
232	Hudson Steet	Critical	X				
233	Steenbras WWTP	Medium		X			
234	Macassar WWTP	Critical	X				
235	261S/2015/16_ Blackheath WWTP_Fire Detection_Job 14490	Critical	X				
236	261S/2015/16_ Gordons bay Traffic Dept Fire Detection	Critical	X				
237	261S/2015/16_ Lwandle Municipal Building Fire Detection	Critical	X				
238	261S/2015/16_KHAYELITSHA FLEET SERVICES WORKSHOP FIRE DETECTION	Critical	X				
239	261S/2015/16_Khayelitsha Metro Police Fire Detection	Critical	X				



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

**FINANCE
SUPPLY CHAIN MANAGEMENT**

Supply Chain Management

E: E T: C
capetown.gov.za

The Manager

20 May 2020

Email:

Attention:

Dear Sir/Madam

Tender Number: 1355/2019/20

Description: SUPPLY, INSTALLATION AND MAINTENANCE OF FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES

The Supply Chain Management Bid Adjudication Committee of the City of Cape Town, on 23 March 2020 considered your offer for the abovementioned tender. I regret to inform you that your offer was unsuccessful. The tender was awarded as follows:

SCHEDULE A SUPPLY OF EXISTING FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
A.1.1	Networked Fire Alarm Systems (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the	UTC Zyteq Fire	Platinum Integrator	30% 40%	7,2% 8,3%

CIVIC CENTRE IZIKO LOLUNTU BURGERSENTRUM
12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
	specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.				
A.1.2	Stand-Alone Fire Alarm Systems (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	UTC Zyteq Fire	Platinum Integrator	30% 40%	7,2% 8,3%

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
A.1.3	Fire Alarm Peripherals and General (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	UTC Zyteq Fire	Platinum Integrator	30% 40%	7,2% 8,3%
A.1.4	Fire Alarm Systems Ancillaries and General (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	UTC Zyteq Fire	Platinum Integrator	30% 40%	7,2% 8,3%

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
A.1.5	Audio Evacuation Systems (TOA or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	TOA	Integrator	30%	16%
A.1.6	Cabling Refer to (5) Specification for cable specifications. Tenderers must provide at least one Price List for each specific cable category It is the responsibility of the Tenderer to verify the applicability of Local Content requirements for Cabling and Accessories. The tenderers response to section 6.2.1.1.5 on Local Content as well as related Schedule 11 and Annexure C of the tender is compulsory where Local Content applies.	ActSys UTC	Gold Platinum	20% 0%	25% 25%

SCHEDULE B SUPPLY OF NEW FIRE ALARM SYSTEMS, EQUIPMENT AND ANCILLARIES (FS Systems (Pty) Ltd)

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
B.1.1	Networked Fire Alarm Systems (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	UTC	Platinum	30%	7,2%
		Zyteq Fire	Integrator	40%	8,3%
B.1.2	Stand-Alone Fire Alarm Systems (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	UTC	Platinum	30%	7,2%
		Zyteq Fire	Integrator	40%	8,3%

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
B.1.3	Fire Alarm Peripherals and General (Ziton or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	UTC Zyteq Fire	Platinum Integrator	30% 40%	7,2% 8,3%
B.1.4	Fire Alarm Systems Ancillaries and General Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	UTC Zyteq Fire	Platinum Integrator	30% 40%	7,2% 8,3%

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
B.1.5	Audio Evacuation Systems (TOA or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	TOA	Integrator	30%	16%
B.1.6	Fire Suppression Systems (INERGEN or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	Compass Security	Integrator	40%	5%

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
B.1.7	Aspirating Smoke Detection Systems (SecuriRAS or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	Securiton	Partner	40%	11,5%
B.1.8	Emergency Lighting Systems (FIREscape or equivalent) Refer to (5) Specification. In the following columns please identify each OEM/Distributor you propose in your solution as well as the partnership status, discount offered and mark-up percentage for the specific OEM/Distributor. Tenderers must provide at least one OEM/Distributor for a specific equipment category.	FSD	Integrator	25%	3,7%

Item	Description	Source of Goods Identify OEM or Distributor	OEM Partner Status	Discount Offered (%)	Mark-Up %
B.1.9	Cabling Refer to (5) Specification for cable specifications. Tenderers must provide at least one Price List for each specific cable category				
	It is the responsibility of the Tenderer to verify the applicability of Local Content requirements for Cabling and Accessories. The tenderers response to section 6.2.1.1.5 on Local Content as well as related Schedule 11 and Annexure C of the tender is compulsory where Local Content applies.	ActSys UTC	Gold Platinum	20% 0%	25% 25%



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

FINANCE
SUPPLY CHAIN MANAGEMENT

Assistant Professional Officer, Supply Chain Management

Tel : ()

Email: !

02 December 2019

NOTICE TO TENDERERS NO: 1

TENDER NUMBER: 135S/2019/20

**DESCRIPTION: SUPPLY, INSTALLATION AND MAINTAINENANCE OF FIRE ALARM SYSTEMS,
EQUIPMENT AND ANCILLARIES**

CLOSING DATE OF TENDER: 12 December 2019

BOX TENDER: 129

Dear Sir / Madam

Your attention is drawn to the following amendments in respect to the above tender. These amendments are to be incorporated in the tender document and you will be deemed to have made the necessary allowances for these amendments in your tender offer.

This notice to Tenderers (NT1) forms an integral part of the contract and is to be recorded on Schedule 15: Record of Addenda to the Tender Documents issued to Tenderers and bound into the tender document.

This Notice to Tenderers advises of the following:

- Evaluation table B.2 now including the mark-up (%) column.
- Pages 14, 76, 77 and 78 an;
 - ✓ "Error!" message on the PDF document appear, this was corrected.
- In the tender document Section 5, Specifications, page 69, replace clause 5.3.1 with the following:

5.3.1 Tenderers may provide a certified copy of their certificate of registration with the Fire Detection Installers Association (FDIA), or equivalent recognised professional fire protection authority, as evidence in Schedule 16M.
- In the tender document Section 6, Conditions of Tender, page 76, delete clause 6.2.1.1.3.2.3.

Yours faithfully,

Director: Supply Chain Management

CIVIC CENTRE IZIKO LOLUNGU BURGERSENTRUM
12 HERTZOG BOULEVARD CAPE TOWN 8001 P O BOX 655 CAPE TOWN 8000
www.capetown.gov.za

Making progress possible. Together.

PLEASE SIGN THIS NOTICE BELOW AND ATTACH IT TO THE TENDER DOCUMENTS SUBMITTED:

.....
Signature(s)

.....
Print Name(s)

On behalf of the tenderer (duly authorized)