



DEPARTMENT: SOUTH AFRICAN POLICE SERVICE

REPUBLIC OF SOUTH AFRICA

Private Bag X254, Pretoria, 0001, Tel: 012 - 841 7459, Facsimile: 012 - 841 7071
117 Cresswell Road, Silverton, Pretoria

The Manager

Reference no: 19/1/9/1/105 TR (22)

Date: _____

Enquiries: _____

Tel no: _____

Fax no: _____

Sir / Madam

REQUIRED BY THE SOUTH AFRICAN POLICE SERVICE

CLOSING TIME AND DATE FOR BIDS IS 11:00 on the date as specified in the document

The Department of the South African Police Service requires the item(s)/service as described per attached bid invitation, and you are requested to complete the bidding documents and to submit it in accordance with the under-mentioned stipulations:

- ! The conditions contained in the attached annexures apply.
- ! The bid must be submitted in a sealed envelope with the name and address of the bidder with the bid number closing date indicated on the envelope. The cover or envelope must not contain documents relating to any bid other than that shown on the cover or envelope.
- ! ***Bids submitted per mail must be sent per registered mail. The Bid must still reach this office before the closing date and time. Failure to do so will invalidate the bid.***
- ! The bid will be valid for a period of **90** days after the closing date.
- ! The attached forms/annexures, if completed in detail and returned, will form part of your bid.

You are advised to acquaint yourself with the contents of the attached General Conditions of Contract.

It will be expected of the successful bidder to sign the formal contract at this office within seven (7) days after he/she has been informed to this effect.

Yours faithfully

BRIGADIER
ACTING COMPONENT HEAD: PROCUREMENT AND CONTRACT MANAGEMENT
SM MAHLANGU

01/105TR(22)

IMPORTANT NOTICE

BID NO: 19/1/9/1/105 TR (22)

CLOSING DATE: 2023-04-11

SUPPLY, DELIVERY, INSTALLATION, TESTING, DATA STORAGE AND COMMISSIONING OF PUBLIC PLACES SURVEILLANCE: CLOSED CIRCUIT TELEVISION SURVEILLANCE SYSTEM FOR INANDA, NTUZUMA AND KWA-MASHU (INK PROJECT) INCLUDING TRAINING AND MAINTENANCE FOR A PERIOD OF TWO (2) YEAR TERM CONTRACT, ONE (1) YEAR WARRANTY PERIOD AT NO COST TO THE STATE AND ADDITIONAL FIVE (5) YEARS PAID MAINTENANCE IN ACCORDANCE WITH SPECIFICATION 32107/22:
KWAZULU-NATAL: DIVISION: TECHNOLOGY MANAGEMENT SERVICES

INFORMATION NOTE

PLEASE TAKE NOTE THAT THE ATTENDANCE OF THE FOLLOWING COMPULSORY BRIEFING SESSION AND SITE INSPECTION ARE COMPULSORY.

SAPS Radio Technical (ICTU) in Overpot: 282 Peter Mokaba Ridge, Musgrave, Berea, KwaZulu-Natal.

Date: 2023-02-27 to 2023-03-10

Time: 09:00

Compulsory Briefing Session certificates will be issued by the SAPS representatives at the briefing sessions. Please take note that a briefing session certificate must be completed by a representative of your company and must be signed by the SAPS representative at the meeting. The original and signed briefing session certificate must be submitted with your bid document.

FAILURE TO SUBMIT THE ORIGINAL AND SIGNED BRIEFING SESSION CERTIFICATE WITH YOUR BIDDING DOCUMENT WILL INVALIDATE YOUR BID.

All bidders are encouraged to arrive at least thirty (30) minutes prior to the indicated time at the venue to ensure that they are already on the premises at the commencement time. Please take note that access control registers will have to be completed before entrance can be obtained onto the premises which can be time consuming. It is therefore of the utmost importance that prospective bidders allow sufficient time to enter the premises to ensure that they are on time when the briefing meeting commences.

ENTRANCE WILL NOT BE ALLOWED AFTER THE COMMENCEMENT OF THE BRIEFING SESSION AND NO LATE COMERS WILL BE ACCOMMODATED AND THE SAPS REPRESENTATIVE WILL NOT ENTERTAIN COMPLAINTS OF COMPANIES THAT ARRIVED LATE AND NO DISCUSSION WILL TAKE PLACE IN THIS REGARD.

02/105TR (22)

PLEASE NOTE



BID NO: 19/1/9/1/105TR (22)
CLOSING TIME: 11:00 ON 2023-04-11

IT IS ESSENTIAL THAT THE FOLLOWING BID DOCUMENT AND THE RELEVANT SPECIFICATION BE COMPLETED IN FULL. FAILURE TO COMPLETE ANY PART OF THE BID OR SPECIFICATION WILL INVALIDATE YOUR BID DOCUMENT.

PLEASE NOTE AND ADHERE TO PARAGRAPH 1 OF THE SPECIAL CONDITIONS,
FAILURE TO COMPLY WILL INVALIDATE YOUR OFFER.

NOTED BY THE BIDDER:

.....
SIGNATURE: BIDDER

.....
DATE

03/105TR (22)

NOTICE !!!! NOTICE

ALL BID DOCUMENTS MUST
BE HANDED IN AND
REGISTERED AT SECURITY
OFFICE BY THE PERSON
HANDING IN THE
DOCUMENTS

BY ORDERS OF: DIVISIONAL COMMISSIONER
SUPPLY CHAIN MANAGEMENT

04/105TR(221)



BID DOCUMENT CHECKLIST

BID NO: 19/1/9/1/105 TR (22)

DESCRIPTION: SUPPLY, DELIVERY, INSTALLATION, TESTING, DATA STORAGE AND COMMISSIONING OF PUBLIC PLACES SURVEILLANCE: CLOSED) CIRCUIT TELEVISION SURVEILLANCE SYSTEM FOR INANDA, NTUZUMA AND KWA-MASHU (INK PROJECT INCLUDING TRAINING AND MAINTENANCE FOR A PERIOD OF TWO (2) YEAR TERM CONTRACT, ONE (1) YEAR WARRANTY PERIOD AT NO COST TO THE STATE AND ADDITIONAL FIVE (5) YEARS PAID MAINTENANCE IN ACCORDANCE WITH SPECIFICATION 32107/22: KWAZULU-NATAL: DIVISION: TECHNOLOGY MANAGEMENT SERVICES

(Mark with Yes or No)

		Procurement Office	Bidder	Bid Management
NO.	REQUIREMENTS			
1	SBD forms (1, 4,5 and 6.1)	X		
2	Pricing Schedule			
3	SBD5 (if the threshold exceeds R10 mil)	X		
4	Central Supplier Database (CSD)	x		
5	General Conditions of a contract.	x		
6	Special Requirements and Conditions of the Bid	X		
7	Bid specification	X		

BIDDER:

NAME IN PRINT

SIGNATURE

DATE

BID MANAGEMENT:

NAME IN PRINT

SIGNATURE

DATE

X = REQUIRED

YES = SUBMITTED / RECEIVED

NO = NOT SUBMITTED / NOT RECEIVED

05/10/2022 TR(22)

PART A INVITATION TO BID

1. YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE SOUTH AFRICAN POLICE SERVICE							
BID NUMBER: 19/1/9/1/105 TR (22)		CLOSING DATE: 2023-04-11			CLOSING TIME: 11:00		
DESCRIPTION:		SUPPLY, DELIVERY, INSTALLATION, TESTING, DATA STORAGE AND COMMISSIONING OF PUBLIC PLACES SURVEILLANCE: CLOSED) CIRCUIT TELEVISION SURVEILLANCE SYSTEM FOR INANDA, NTUZUMA AND KWA-MASHU (INK PROJECT INCLUDING TRAINING AND MAINTENANCE FOR A PERIOD OF TWO (2) YEAR TERM CONTRACT, ONE (1) YEAR WARRANTY PERIOD AT NO COST TO THE STATE AND ADDITIONAL FIVE (5) YEARS PAID MAINTENANCE IN ACCORDANCE WITH SPECIFICATION 32107/22: KWAZULU-NATAL: DIVISION: TECHNOLOGY MANAGEMENT SERVICES					
2. BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT:				3. BID RESPONSE DOCUMENTS MAY BE POSTED TO:			
DIVISIONAL COMMISSIONER SUPPLY CHAIN MANAGEMENT SOUTH AFRICAN POLICE SERVICE 117 CRESWELL ROAD SILVERTON PRETORIA 0184				DIVISIONAL COMMISSIONER SUPPLY CHAIN MANAGEMENT SOUTH AFRICAN POLICE SERVICE PRIVATE BAG X254 PRETORIA 0001			
4. BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:				5. TECHNICAL ENQUIRIES MAY BE DIRECTED TO:			
CONTACT PERSON				CONTACT PERSON			
TELEPHONE NUMBER				TELEPHONE NUMBER			
FACSIMILE NUMBER				FACSIMILE NUMBER			
E-MAIL ADDRESS				E-MAIL ADDRESS			
6. SUPPLIER INFORMATION							
NAME OF BIDDER							
POSTAL ADDRESS							
STREET ADDRESS							
TELEPHONE NUMBER		CODE			NUMBER		
CELLPHONE NUMBER							
FACSIMILE NUMBER		CODE			NUMBER		
E-MAIL ADDRESS							
VAT REGISTRATION NUMBER							
SUPPLIER COMPLIANCE STATUS		TAX COMPLIANCE SYSTEM PIN:			OR	CENTRAL SUPPLIER DATABASE NUMBER:	MAAA
CENTRAL SUPPLIER DATABASE REGISTRATION REPORT		[TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART A:8]	
8. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS							
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				<input type="checkbox"/> YES		<input type="checkbox"/> NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				<input type="checkbox"/> YES		<input type="checkbox"/> NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				<input type="checkbox"/> YES		<input type="checkbox"/> NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				<input type="checkbox"/> YES		<input type="checkbox"/> NO	

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?

☐ YES

☐ NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.

PART B TERMS AND CONDITIONS FOR BIDDING

1.	BID SUBMISSION:
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2.	THE BID BOX IS GENERALLY OPEN 24 HOURS A DAY, 7 DAYS A WEEK.
1.3.	ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED – (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.4.	BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES).
1.5.	WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION.
1.6.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.7.	THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2.	TAX COMPLIANCE REQUIREMENTS
2.1	BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2	BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3	APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4	BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5	IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6	WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
3.	GENERAL
3.1	NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:

(Proof of authority must be submitted e.g. company resolution)

.....

DATE:

.....

OFFICE USE ONLY

<u>RFQ/Tender received on</u>		<u>Reason for rejection:</u>	
Accepted		Rejected	
Supplier Number in POLFIN			
Supplier Number in CSD			

SUPPLIER INFORMATION

Are you a NEW supplier?	YES	KINDLY REGISTER ON NATIONAL TREASURY CSD: <u>WWW.CSD.GOV.ZA</u> AND OBTAIN A CSD SUPPLIER NUMBER
Are you an EXISTING Supplier?	YES	KINDLY PROVIDE YOUR CSD AND POLFIN SUPPLIER NUMBER
Supplier Number in CSD		
Unique registration supplier no: CSD		
Supplier Number in POLFIN		

C. CHECKLIST OF DOCUMENTS A		CROSS REFERENCE	YES	NO	N/A
1)	Copy of Business entity's Registration Documents: i.e. CK2 form	Approved on CSD			
•	For Close Corporations – a copy of the CIPRO report showing the directors/owners/members of the cc				
•	For Pty Ltd – a copy of the CIPRO report as well as a copy of the shareholders agreement or a letter from your auditors confirming the shareholding of the company				
•	Copy of shareholders/members certificates / agreements				
2)	Business entity's Vat Registration Certificate	Approved on CSD			
3)	Current Business entity original Tax Clearance Certificate	Approved on CSD			
4)	Identity Documents of Shareholders/Directors/Passport Documents	Approved on CSD			
5)	Proof of CIDB Registration	Approved on CSD			
6)	Registration of bank account details	Approved on CSD			
7)	B-BBEE Status level verification certificate	Approved on CSD			
7.1	B-BBEE original/Certify copy attached				
8.	Applicable certificate for work to be executed according to the tender/quotation attached.				

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PRICING SCHEDULE – FIRM PRICES (PURCHASES)

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of bidder.....	Bid number 19/1/9/105TR(22)
Closing Time 11:00	Closing date: 2023-04-11

OFFER TO BE VALID FOR 90 DAYS FROM THE CLOSING DATE OF BID.

Item Nr	ICN NUMBER	DESCRIPTION	QUANTITY	BID PRICE IN RSA CURRENCY ** (ALL APPLICABLE TAXES INCLUDED)	COUNTRY OF MANUFACTURE
1	9825T05084120	SUPPLY,DELIVERY,INSTALLATION AND COMMISSIONING OF CCTV SYSTEM	1		
2	9825T05084514	MAINTENANCE OF CCTV	1		
3	9825T05065449	TRAINING FOR CCTV SYSTEM OPERATORS	1		
4	9852T05065451	TRAININ FOR SAPS TECHNICIANS	1		

- Required by: SAPS Technology Management Services
- At: Technology Management Services (NATIONAL)

.....

- Brand and model

.....

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- Does the offer comply with the specification(s)? *YES/NO
- If not to specification, indicate deviation(s)
- Period required for delivery
*Delivery: Firm/not firm
- Delivery basis

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

** "all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

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BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

- 2.2 Do you, or any person connected with the bidder, have a relationship

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

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with any person who is employed by the procuring institution? YES/NO

2.2.1 If so, furnish particulars:

.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? YES/NO

2.3.1 If so, furnish particulars:

.....

3 DECLARATION

I, _____ the _____ undersigned,
 (name)..... in
 submitting the accompanying bid, do hereby make the following
 statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring

² 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.

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SBD4

institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

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

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature	Date
.....
Position	Name of bidder

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This document must be signed and submitted together with your bid

THE NATIONAL INDUSTRIAL PARTICIPATION PROGRAMME

INTRODUCTION

The National Industrial Participation (NIP) Programme, which is applicable to all government procurement contracts that have an imported content, became effective on the 1 September 1996. The NIP policy and guidelines were fully endorsed by Cabinet on 30 April 1997. In terms of the Cabinet decision, all state and parastatal purchases/lease contracts (for goods, works and services) entered into after this date, are subject to the NIP requirements. NIP is obligatory and therefore must be complied with. The Industrial Participation Secretariat (IPS) of the Department of Trade and Industry (DTI) is charged with the responsibility of administering the programme.

1. PILLARS OF THE PROGRAMME

- 1.1. The NIP obligation is benchmarked on the imported content of the contract. Any contract having an imported content equal to or exceeding US\$ 10 million or other currency equivalent to US\$ 10 million will have a NIP obligation. This threshold of US\$ 10 million can be reached as follows:
 - (a) Any single contract with imported content exceeding US\$10 million.
or
 - (b) Multiple contracts for the same goods, works or services each with imported content exceeding US\$3 million awarded to one seller over a 2 year period which in total exceeds US\$10 million.
or
 - (c) A contract with a renewable option clause, where should the option be exercised the total value of the imported content will exceed US\$10 million.
or
 - (d) Multiple suppliers of the same goods, works or services under the same contract, where the value of the imported content of each allocation is equal to or exceeds US\$ 3 million worth of goods, works or services to the same government institution, which in total over a two (2) year period exceeds US\$10 million.
- 1.2. The NIP obligation applicable to suppliers in respect of sub-paragraphs 1.1 (a) to 1.1 (c) above will amount to 30% of the imported content whilst suppliers in respect of paragraph 1.1 (d) shall incur 30% of the total NIP obligation on a *pro-rata* basis.
- 1.3. To satisfy the NIP obligation, the DTI would negotiate and conclude agreements such as investments, joint ventures, sub-contracting, licensee production, export promotion, sourcing arrangements and research and development (R&D) with partners or suppliers.
- 1.4. A period of seven years has been identified as the time frame within which to discharge the obligation.

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2. REQUIREMENTS OF THE DEPARTMENT OF TRADE AND INDUSTRY

- 2.1. In order to ensure effective implementation of the programme, successful bidders (contractors) are required to, immediately after the award of a contract that is in excess of **R10 million** (ten million Rands), submit details of such a contract to the DTI for reporting purposes.
- 2.2. The purpose for reporting details of contracts in excess of the amount of R10 million (ten million Rands) is to cater for multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as provided for in paragraphs 1.1 (b) to 1.1 (d) above.

3. BID SUBMISSION AND CONTRACT REPORTING REQUIREMENTS OF BIDDERS AND SUCCESSFUL BIDDERS (CONTRACTORS)

- 3.1. Bidders are required to sign and submit this Standard Bidding Document (SBD 5) together with the bid on the closing date and time.
- 3.2. In order to accommodate multiple contracts for the same goods, works or services; renewable contracts and multiple suppliers for the same goods, works or services under the same contract as indicated in sub-paragraphs 1.1 (b) to 1.1 (d) above and to enable the DTI in determining the NIP obligation, successful bidders (contractors) are required, immediately after being officially notified about any successful bid with a value in excess of R10 million (ten million Rands), to contact and furnish the DTI with the following information:
 - Bid/contract number.
 - Description of the goods, works or services.
 - Date on which the contract was accepted.
 - Name, address and contact details of the government institution.
 - Value of the contract.
 - Imported content of the contract, if possible.
- 3.3. The information required in paragraph 3.2 above must be sent to the Department of Trade and Industry, Private Bag X84, Pretoria, 0001, for the attention of Mr Elias Malapane within five (5) working days after award of the contract. Mr Malapane may be contacted on telephone (012) 394 1401, facsimile (012) 394 2401 or e-mail at Elias@thedti.gov.za for further details about the programme.

4. PROCESS TO SATISFY THE NIP OBLIGATION

- 4.1. Once the successful bidder (contractor) has made contact with and furnished the DTI with the information required, the following steps will be followed:
 - a. the contractor and the DTI will determine the NIP obligation;
 - b. the contractor and the DTI will sign the NIP obligation agreement;
 - c. the contractor will submit a performance guarantee to the DTI;
 - d. the contractor will submit a business concept for consideration and approval by the DTI;
 - e. upon approval of the business concept by the DTI, the contractor will submit detailed business plans outlining the business concepts;

- f. the contractor will implement the business plans; and
- g. the contractor will submit bi-annual progress reports on approved plans to the DTI.

4.2. The NIP obligation agreement is between the DTI and the successful bidder (contractor) and, therefore, does not involve the purchasing institution.

Bid number: Closing date:

Name of bidder:

Postal address:

.....

Signature: Name (in print):

Date:

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 **To be completed by the organ of state**

(delete whichever is not applicable for this tender).

- a) The applicable preference point system for this tender is the 90/10 preference point system.
- b) The applicable preference point system for this tender is the 80/20 preference point system.
- c) Either the 90/10 or 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

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

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

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

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

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

2. DEFINITIONS

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

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

$$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \quad \text{or} \quad Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$$

80/20 or 90/10

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

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

Where

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

4. POINTS AWARDED FOR SPECIFIC GOALS

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

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

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

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

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

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

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....

.....

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CERTIFICATION

I THE UNDERSIGNED (FULL SURNAME)

TAKE NOTE OF THE CONTENTS OF GENERAL CONDITIONS OF CONTRACT

(GCC), SPECIAL CONDITION OF CONTRACT (SCC) AND SPECIFICATION AND

WILL ABIDE BY THEM.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

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SPECIAL CONDITIONS OF CONTRACT

BID NUMBER: 19/1/9/1/105TR (22)

SUPPLY, DELIVERY, INSTALLATION, TESTING, DATA STORAGE AND COMMISSIONING OF PUBLIC PLACES SURVEILLANCE: CLOSED CIRCUIT TELEVISION SURVEILLANCE SYSTEM FOR INANDA, NTUZUMA AND KWA-MASHU (INK PROJECT) INCLUDING TRAINING AND MAINTENANCE FOR A PERIOD OF TWO (2) YEAR TERM CONTRACT, ONE (1) YEAR WARRANTY PERIOD AT NO COST TO THE STATE AND ADDITIONAL FIVE (5) YEARS PAID MAINTENANCE IN ACCORDANCE WITH SPECIFICATION 32107/22: KWAZULU-NATAL: DIVISION: TECHNOLOGY MANAGEMENT SERVICES.

CLOSING TIME AND DATE

DATE: 2023-04-11@11h00

BID VALIDITY PERIOD: 90 DAYS



SPECIAL CONDITIONS OF CONTRACT 19/1/9/1/105TR (22)

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1. ABBREVIATIONS

BAC: Bid Adjudication Committee

CPA: Contract Price Adjustment

ISO: International Organisation for Standardisation

QC: Quality Control

ROE: Rate of Exchange

SABS: South African Bureau of Standards

SBD: Standard Bidding Document

STATS SA: Statistics South Africa

VAT: Value- Added Tax

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2. BID DOCUMENT CHECK LIST

NO.	DOCUMENT NAME	YES	NO
1	SBD 1 Invitation to bid		
2	Central Supplier Database Report		
3	SBD 4 Declaration of interest		
4	SBD 5		
5	Pricing Schedule		
6	SBD 6.1		
7	Special Conditions of Contract		
8	General Conditions of Contract		
9	Test reports (<i>if applicable</i>)		
10	Mandatory documents		

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3. SCOPE

Supply, Delivery, Installation, Testing, Data storage and Commission of public place surveillance: Closed Circuit Television Surveillance System for Inanda, Ntuzuma and Kwa-Mashu (Ink Project) including Training and Maintenance for a period of two (2) year team contract, one year warranty period at no cost to the state and additional five (5) years maintenance.

4. SECTION A

4.1 LEGISLATIVE AND REGULATORY FRAMEWORK

This bid and all contracts emanating there from will be subject to the General Conditions of Contract issued in accordance with Treasury Regulation 16A published in terms of the Public Finance Management Act, 1999 (Act 1 of 1999). The Special Conditions of Contract (SCC) are supplementary to that of the General Conditions of Contract (GCC). Where, however, the Special Conditions of Contract are in conflict with the General Conditions of Contract, the Special Conditions of Contract prevail.

4.2 COMPULSORY BRIEFING SESSION AND SITE INSPECTION

4.2.1 Compulsory Briefing Session and Site inspection will be held as follows:

Bidders should take note that it is compulsory to attend briefing session and at all sites must be attended as well. Bidders are to meet representatives of SAPS before moving to the sites in the following central area:

4.2.2 SAPS Radio Technical (ICTU) in Overpot: 282 Peter Mokaba Ridge, Musgrave, Berea, KwaZulu-Natal.

Date: 2023-02-27 TO 2023-03-10

Time: 09:00am.

GPS Coordinates:

	Decimal Degrees	Degrees Minutes Seconds
Longitude (x) East	30.996800°	30°59'48.48"E
Latitude (y) South	-29.840831°	29°50'26.99"S

4.2.3 The following sites will be visited during this period.

4.2.4 Inanda, Ntuzuma and KwaMashu from 2023-02-27 to 2023-03-10 at 09:00am (see different sites in the bid specification from page 39 to 52).



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4.2.5 Compulsory Briefing Session certificates:

Compulsory Briefing Session certificates will be issued by the SAPS representatives at the briefing sessions. Please take note that a briefing session certificate must be completed by a representative of your company and must be signed by the SAPS representative at the meeting. The original and signed briefing session certificate must be submitted with your bid document.

4.2.6 FAILURE TO SUBMIT THE ORIGINAL AND SIGNED BRIEFING SESSION CERTIFICATE WITH YOUR BIDDING DOCUMENT WILL INVALIDATE YOUR BID.

4.2.7 All bidders are encouraged to arrive at least thirty (30) minutes prior to the indicated time at the venue to ensure that they are already on the premises at the commencement time. Please take note that access control registers will have to be completed before entrance can be obtained onto the premises which can be time consuming. It is therefore of the utmost importance that prospective bidders allow sufficient time to enter the premises to ensure that they are on time when the briefing meeting commences.

4.2.8 ENTRANCE WILL NOT BE ALLOWED AFTER THE COMMENCEMENT OF THE BRIEFING SESSION AND NO LATE COMERS WILL BE ACCOMMODATED AND THE SAPS REPRESENTATIVE WILL NOT ENTERTAIN COMPLAINTS OF COMPANIES THAT ARRIVED LATE AND NO DISCUSSION WILL TAKE PLACE IN THIS REGARD.

4.3 EVALUATION CRITERIA

The Evaluation process will be conducted in the phases as follows:

Phase 1	Phase 2	Phase 3	Phase 4
Administrative bid requirements	Technical Compliance	Due Diligence & Testing of CCTV Camera in KZN	Pricing and Specific goals
Compliance with Administrative requirements. SBD forms must be completed and signed.	Compliance to technical requirements	Testing of the CCTV Camera in KZN	Bids evaluated in terms of the 90/10 preference system



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4.3.2 PHASE 1: ADMINISTRATIVE BID REQUIREMENTS

Bidders' must submit all requirements indicated hereunder with the bid documents at the closing date and time of the bid. During this evaluation phase, bidder's responses will be evaluated based on the documents submitted. Bidders who fail to comply with any of administrative requirements may be disqualified.

ADMINISTRATIVE DOCUMENTS - NAME OF THE DOCUMENT THAT MUST BE SUBMITTED	
Invitation to Bid – SBD 1	YES – Please complete and sign the supplied form
Preference Point Claim Form <u>SBD 6.1</u>	YES – Generally, non-submission will lead to a zero score for B-BBEE.
General Conditions of Contract	NO – Bidders <u>must only familiarise</u> themselves with the content of the document
Cost components	YES – Please submit the completed cost component breakdown as per example in the Special Conditions of Contract.

4.3.3 PHASE 2: TECHNICAL / MANDATORY REQUIREMENTS

Bidders' must submit all requirements indicated hereunder with the bid documents at the closing date and time of the bid. During this evaluation phase, bidder's responses will be evaluated based on the documents submitted under mandatory requirements.

Bidders who fail to comply with any of the mandatory and other requirements will be disqualified.

Pricing Schedule	YES – Please complete the price schedule with the bid at the closing date and time. <u>Please took note that lead times (Delivery period) should be completed</u>
Declaration of Interest – SBD 4	YES – Please complete and sign the supplied form.
Tax Clearance Requirements	YES – The <u>CSD</u> and the <u>tax status pin</u> are the approved method that will be utilized to verify tax compliance.
SBD 5 National Industrial Participation Program	YES – (if above R10 million)
Authorisation Declaration	YES – Bidders sourcing products from a third party must submit the authorisation declaration letter of the third party.
Special Conditions of Contract	NO - Bidders must sign acknowledgement that they familiarise themselves with the content of the document
Technical bid Requirements / Specification	YES– The bidder must explicitly state either Comply or Not Comply regarding outlined in this document, except where otherwise stated. Bidder shall avoid terms such as "yes", "no", "noted", 'accepted', "as specified" "see



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	attached letters" etc. Failure to comply with the specification will invalidate your bid.
Track Record	In order to establish whether the bidder has a proven track record in this field, details of users in the Republic of South Africa (RSA) to whom the bidder have successfully supplied the services and equipment offered, must be submitted with the bid documents for verification by the SAPS.
Track Record	<p>The track record shall be compiled by the bidder and labelled "Appendix C". The details of previous clients must include at least the following:</p> <ol style="list-style-type: none">1. Name of Client/Organization,2. Full Postal and Street Address,3. Telephone and Facsimile numbers,4. Contact Person,5. Type and quantity of equipment supplied,6. Date when contract was finally completed and equipment was handed to client, and Value of the contract in current Rand value.
Authorization declaration.	The bidder must submit documentary proof of this authorization in writing in the bid response in the form of a letter from the OEM or from the South African representative of the OEM, certifying the distribution status and technical competence of the bidder in relation to central components and subsystems of the CCTV and Access Control System.
User Manual	User manuals samples must be submitted with the bid on or before the date and time of bid closer.
Maintenance Programme	The bidder must compile a structured maintenance program for the equipment/system to be maintained and shall submit the program with the bid on or before the date and time of bid closure.
Library of documents	The bidder must provide a comprehensive library of documentation including complete maintenance manuals for each piece of equipment in the system as well as for the complete system on or before the date and time of bid closure.
Requirement	A compulsory site visit and briefing session must be conducted on a date and time determined by the SA Police Service to enable bidder to investigate issues that may impact on the project.



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Requirement	The equipment and workmanship offered must conform to sound engineering practice including compliance with all legally required electrical and other safety standards and all standards for communications products and systems in terms of the Electronic Communications Act no 36 of 2005 and regulations for type approval and licensing requirements set by the Independent Communications Authority South Africa (ICASA). The ICASA Independent certificate must be submitted with the bid documents.
Competency Certificate	The bidder must attach competency certification for all workers employed in electrical installation as well as any required electrical certificates of compliance regarding supplied electrical installations.

4.3.5 PHASE 3: DUE DILIGENCE & TESTING OF CCTV CAMERA IN KZN

The Camera will be tested in Kwazulu-Natal.

4.3.6 PHASE 4: PREFERENCE POINT SYSTEM AND PRICE

Preference points system 90/10

- a) In terms of regulation 6 of the Preferential Procurement Regulations pertaining to the Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), responsive bids will be adjudicated by the South African Police Service on the 90/10-preference point system in terms of which points are awarded to bidders on the basis of:

The bid price (maximum 90 points) - Specific goals (maximum 10 points)

- b) The following formula will be used to calculate the points for price:

$P_s = 90$

$P_s + 90 \frac{P_t - P_{min}}{P_t - P_{min}}$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{min} = Price of lowest acceptable tender

- c) A bidder (supplier) may claim a maximum of 20 points for specific goals, if such bidder supplier is;

Persons historically disadvantaged on the basis of race with at least 51% ownership	3 points
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Persons historically disadvantaged on the basis of gender with at least 51% ownership by woman	3 points
Persons with at least 51% ownership who are youth	2 points
Persons historically disadvantaged by unfair discrimination on the basis of disability with at least 51% ownership	2 points

- d) Bidders are required to complete the preference claim form (SBD 6.1).
- e) The points scored by a bidder in respect of the specific goals will be added to the points scored for price.
- f) Only bidders who have completed and signed the declaration part of the preference claim form will be considered for specific goals points.
- g) Failure on the part of the bidder to comply with the paragraphs above will be deemed that specific goal points are not claimed and will therefore be allocated a zero (0).
- h) The South African Police Service may, before a bid is adjudicated or at any time, require a bidder to substantiate claims it has made with regard to preference.
- i) The points scored will be rounded off to the nearest 2 decimals.
- j) In the event that two or more bids have scored equal total points, the contract will be awarded to the bidder scoring the highest number of specific goal points.
- k) However, when functionality is part of the evaluation process and two or more bidders have scored equal points including equal specific goal points, the contract will be awarded to the bidder scoring the highest for functionality.
- l) Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.
- m) A contract may, on reasonable and justifiable grounds, be awarded to a bid that did not score the highest number of points.

5. VALUE ADDED TAX

All bid prices must be inclusive of 15% Value-Added Tax. In case a bidder's price is not VAT inclusive, total price quoted will be regarded as final.

6. PRICING STRUCTURE AND SCHEDULE

- a) One price is required per item and prices quoted must be furnished on the basis of supply and delivery including Value Added Tax.
- b) The yearly prices MUST be all inclusive. This means, all direct and indirect related costs must be included in the prices and be firm for the period of one year.
- c) The pricing schedule will be accessible from the bid document. All prices must be submitted with the bid document.
- d) Conditional discounts offered will not be used for evaluation purposes.



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- e) Pricing provided for term contracts must remain firm for the first year after signing of the contract.
Contract price adjustments must be applied for

7.2 AUTHORISATION DECLARATION/ LETTER FROM THE MANUFACTURER

Any bidder the actual manufacturer and will be sourcing goods or services from another company must submit an unconditional letter from the company(ies) or supplier(s) confirming firm supply arrangement(s) in this regard, which has to accompany the bid at the closing date and time of bid. The said company or supplier must:

- confirm that it has familiarised itself with the item description, specifications and bid conditions
- If the bid consist of more than one item, it should be clearly indicated in respect of which item(s) the supportive letter has been issued.
- It must be indicated in the above-mentioned letter **that firm supply arrangements have been made and all financial arrangements with regard to payment between the prospective bidder and manufacturer, company or supplier issuing such a letter has been finalized and terms and conditions mutually agreed upon.**

Non-compliance with the above-mentioned special conditions would automatically invalidate the bid for such products offered."

The South African Police Service reserves the right to verify any information supplied by the bidder in the Authorisation Declaration and should the information be found to be false or incorrect, the South African Police Service will exercise any of the remedies available to it in the bid documents.

No agreement between the bidder and the third party will be binding on the South African Police Service.

An authorisation declaration with conditional arrangements will not be accepted. Bidders must ensure that all arrangements are agreed to before submitting a bid.

8. RESPONSIVE BIDS

Bidders are required to submit responsive bids by completing all the prices, mandatory response fields and item questionnaires on the provided pricing schedule for the individual items. In this regard bidder's attention is drawn to the response field and price structure explanations and examples supplied in the bid document

Non-compliance with this condition will invalidate the bid for the item(s) concerned.

9. TAX COMPLIANCE REQUIREMENTS

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



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the bidder's tax obligations. The Tax Compliance status requirements are also applicable to foreign bidders / individuals who wish to submit bids.

It is a requirement that bidders grant a written confirmation when submitting this bid that SARS may on an ongoing basis during the tenure of the contract disclose the bidder's tax compliance status and by submitting this bid such confirmation is deemed to have been granted; Bidders are required to be registered on the Central Supplier Database and the South African Police Service shall verify the bidder's tax compliance status through the Central Supplier Database.

Where Consortia / Joint Ventures / Sub-contractors are involved, each party must be registered on the Central Supplier Database and their tax compliance status will be verified through the Central Supplier Database. The South African Police Service will not award a bid to any bidder whose tax matters are not in order.

10. FORMAT AND SUBMISSION OF BIDS

- a) In order to simplify the evaluation process, Bidders are required to submit their bids on hard copy in the following manner: -

SECTION	REQUIRED DOCUMENTS
Section 1	Standard bidding documents (SBD 1, Pricing schedule , SBD 4, SBD 5, SBD 6.1 and CSD report
Section 2	Authorisation Declaration and item list
Section 3	Any other information (e.g. Company profile, submission etc.)

11. LATE BIDS

Bids received after the closing date and time, at the address indicated in the bid documents, will not be accepted for consideration and where practicable, will be returned unopened to the bidder.

12. COUNTER CONDITIONS

Bidders' attention is drawn to the fact that amendments to any of the Bid Conditions or setting of counter conditions by bidders may result in the invalidation of such bids.

13. FRONTING

The SAPS supports the spirit of broad based black economic empowerment and recognizes that real empowerment can only be achieved through individuals and businesses conducting themselves in accordance with the Constitution and in an honest, fair, equitable, transparent and legally compliant manner. Against this background the South African Police Service condemn any form of fronting.

The South African Police Service, in ensuring that bidders conduct themselves in an honest manner will, as part of the bid evaluation processes, conduct or initiate the necessary enquiries/investigations to determine the accuracy of the representation made in bid documents.



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Should any of the fronting indicators as contained in the Guidelines on Complex Structures and Transactions and Fronting, issued by the Department of Trade and Industry, be established during such enquiry / investigation, the onus will be on the bidder / contractor to prove that fronting does not exist.

Failure to do so within a period of 14 days from date of notification may invalidate the bid / contract and may also result in the restriction of the bidder /contractor to conduct business with the public sector for a period not exceeding ten years, in addition to any other remedies the South African Police Service may have against the bidder / contractor concerned.

14. SUPPLIER DUE DILIGENCE

The South African Police Service reserves the right to conduct supplier due diligence prior to award or at any time during the evaluation process. During the due diligence process the information submitted by the bidder will be verified and any misrepresentation thereof will disqualify the bid.

The South African Police Service also reserves a right to conduct supplier due diligence during the contract period. Information submitted by the contractor will be verified and any misrepresentation thereof the South African Police Service reserves a right to institute remedial actions available. Due diligence may include preannounced or no-announce site visits.

15. COMMUNICATION

SAPS: Procurement and Contract Management with permission of the BAC may communicate in writing with bidders where clarity is sought after the closing date of the bid and prior to the award of the contract, or to extend the validity period of the bid, if necessary.

Any communication to any other government official or a person acting in an advisory capacity for the South African Police Service in respect of this bid between the closing date and the award of the bid by the bidder is discouraged.

All communication between the bidder and the SAPS: Procurement Management MGP & Services must be done in writing.

16. CONTACT DETAILS

GENERAL

Address

Bid Document Enquiries

Bid Management

Address: 117 Cresswell Street, Weavind Park, Pretoria.

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Capt Paul and SPAC Muthula

Tel: (012) 841 7720/ 012 841 7204

E-mail: PaulEG@saps.gov.za and Muthulabilly@saps.gov.za

16.1 Bid Queries

Col Nyembe and Lt Col Mahlaule

E-mail: NyembeN@saps.gov.za and MahlauleG@saps.gov.za

- 16.1 To allow the South African Police Service sufficient time to respond to enquiries, bidders take shall note that no enquiries made later than seven (7) days before the closing date and time of the bid will be entertained.

17. SECTION B

17.1 CONTRACT PERIOD

The contract period shall be for a period of two (2) years. One (1) year warranty period at no cost to the state and additional five (5) years paid Maintenance.

17.2 RIGHT OF AWARD

The South African Police Service reserves its following rights:

- To award the bid in part or in full;
- Not to make any award in this bid;
- Award the bid to more than one bidder for the same line item;
- Clarify further technical information from any bidder after the closing date;
- Verify information and documentation of the respective bidder;
- Not to accept any of the bids submitted;
- To withdraw or amend any of the bid conditions by notice in writing to all bidders prior to closing of the bid and post award
- To carry out site inspections, product evaluations or explanatory meetings in order to verify the nature and quality of the services offered by the bidder(s), whether before or after adjudication of the bid
- In the event that an incorrect award has been made to remedy the matter in any manner it may deem fit.
- To award a bid based on which bidder is offering the best value for money, even if such bid is not the lowest price.
- In the event that an incorrect award has been made or an error occurred during evaluation and adjudication phase, the South African Police Service reserves the right to remedy the matter in any manner it may deem fit.



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17.3 MULTIPLE AWARD

The South African Police Service reserves the right to award the same item to more than one supplier to address product availability and compatibility. Due diligence will be applied to ensure that pricing is affordable, market related and aligned to end-user requirements.

The following will be taken into consideration when awarding through a multiple award:

- a) Capacity to meet volume demand as per bid requirements
- b) Estimated volume to be supplied
- c) Risk to departments if the item is not available
- d) Source of the finished product, raw material and manufacturing site
- e) Previous performance of the bidder

17.4 NEGOTIATIONS

The South African Police Service reserves the right to negotiate with the bidders prior to award and with the successful bidder(s) post award.

17.5 QUALITY

Where specific specifications and/ or standards are applicable on materials and supplies, the quality of products shall not be less than the requirements of the latest edition of such specifications and/or standards.

17.6 DELIVERY AND QUANTITIES

17.6.1 DELIVERY BASIS

Firm lead times for delivery must be quoted for the duration of the contract period. Transit and storage conditions applicable to the relevant products must be adhered to.

17.6.2 QUANTITIES

Quantities cannot be guaranteed.

18. SECTION C

18.1 ROLES AND RESPONSIBILITIES

18.1.1 CONTRACT ADMINISTRATION

The administration and facilitation of the contract will be the responsibility of SAPS Contract Management and all correspondence in this regard must be directed to the following address:

The Head: Procurement and Contract Management Supply Chain Management

Private bag x 254, Pretoria, 0001,

Contractors must advise the SAPS Contract Management immediately when unforeseeable circumstances will adversely affect the execution of the contract.

Full particulars of such circumstances as well as the period of delay must be furnished to the Section Head Bid Management: Supply Chain Management: SAPS/email: smitj@saps.gov.za- and Tel: (012) 841-7119



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18.1.2 SUPPLIER PERFORMANCE MANAGEMENT

Supplier performance management will be the responsibility of end-users of SAPS and where supplier performance disputes cannot be resolved between the contractor and the relevant purchasing institution, SAPS Contract Management must be informed for corrective action.

18.2 ORDERS AND DELIVERY

18.2.1 ORDERS

Contractors should note that the order(s) will be placed as and when required during the contract period and delivery points will be specified by the South African Police Service.

The instructions appearing on the official order form regarding the supply, dispatch and submission of invoices must be strictly adhered to and under no circumstances should the contractor deviate from the orders issued.

The South African Police Service may request that a contractor to submit a sample for approval before mass production related to that order is finalised. The cost of this sample is for the contractor.

The South African Police Service is under no obligation to accept any quantity which is in excess of the ordered quantity.

18.2.2 DELIVERY

Delivery of goods must be made in accordance with the instructions appearing on the official order forms issued by purchasing institutions.

All deliveries or dispatches must be accompanied by a delivery note stating the official order number against which the delivery has been effected.

In respect of items awarded to them, contractors must adhere strictly to the delivery lead times quoted in their bids.

Deliveries not complying with the order forms will be returned to the contractor at the contractor's expense.

18.3 PRODUCT ADHERANCE / BRAND CHANGE

In the event where a bidder offers a specific brand against an item and the item is subsequently awarded to the bidder, it is required of the successful bidder to continue to supply the brand awarded throughout the contract period.

In the event that the brand is discontinued and or replaced with a new model, SAPS Contract Management must be notified of such an occurrence and upon approval, an official amendment will be issued. The contractor is required to submit supporting documents from the manufacturer substantiating the changes

It must be noted that the new brand will be required to undergo the evaluation process prior to receiving approval of the brand change issued by SAPS. The new brand must adhere to the technical specification for the item. The quality of the product must not be lower than the initial awarded product.

Furthermore, contractors are to take note that the price of the new brand should not be higher from the current contract price of the original product.



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Contractors are not allowed to deliver a new brand other than the brand awarded to them prior to an approval of brand change from SAPS.

18.4 QUALITY ADHERANCE

Bidder's attention is drawn to paragraph 8 of the General Conditions of Contract regarding inspection, tests and analysis.

If the delivered supplies are not in accordance with the contract requirements, the cost of inspections, tests and analysis done by an independent testing facility shall be paid by the contractor.

18.5 CONTRACT PRICE ADJUSTMENT

18.5.1 Formula

Prices submitted for this bid will be regarded as non-firm and subject to adjustment(s) in terms of the following formula, defined areas of cost and defined periods of time.

Applications for price adjustments must be accompanied by documentary evidence in support of any adjustment claim.

The following price adjustment formula will be applicable for calculating contract price adjustments (CPA).

$Pa = (1-V) Pt \left(D1 \frac{R1t}{R1o} + D2 \frac{R2t}{R2o} + D3 \frac{R3t}{R3o} + Dn \frac{Rnt}{Rno} + VP1 \right)$		
Pa	=	The new adjusted price to be calculated
V	=	Fixed portion of the bid price (15% or 0.15)
Pt	=	Original bid price. Note that Pt must always be the original bid price and not an adjusted price
(1-V)Pt	=	Adjustable portion of the bid price (85% or 0.85).
D1 – Dn	=	= Each factor (or percentage) of the bid price, e.g., material, labour, transport, overheads, etc. The total of the various factors (or percentages) D1 – Dn must add up to 1 (or 100%).
R1t – Rnt	=	= End Index. Index figure obtained from the index at the end of each adjustment period



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R1o-Rno	=	Base Index. Index figure at the time of bidding.
VPt	=	15% (or 0.15) of the original bid price. This portion of the bid price 'remains fixed, i.e. it is not subject to price adjustment.

18.6 FORMULA COMPONENT DEFINITIONS

18.6.1 Adjustable amount

The adjustable amount is the portion of the bid price which is subject to adjustment. In this bid the adjustable amount is 85% of the original bid price. For example, if the bid price is R1000, then only R850 will be subject to adjustment.

18.6.2 Fixed portion

The fixed portion represents those costs which will not change over the adjustment period and **DOES NOT** represent the profit margin. In this bid the fixed portion is 15% of the original bid price. Using the same example as above, it would amount to R150 which will remain fixed over the contract period.

18.6.3 Cost components and proportions

- The cost components of the contract price usually constitute the cost of materials (raw material or finished product), cost of direct labour, cost of transport and those other costs which are inclined to change. The proportions are the contribution to the contract price of each of these cost components. In this bid the following cost components will be used to calculate contract price adjustments.
- Bidders are requested to submit the cost breakdown of the bid price for each item with their bid. Should the cost breakdown be the same for all items on the bid, please indicate it clearly in the bid document. Successful bidders will not be allowed to change the cost breakdown of bid prices during the tenure of the contract.
- In a case where the same cost components are applicable to all items offered please fill out the Cost components document attached with the bid other than that cost components must be indicated on each line item when finalising pricing schedule.

Cost Component	% Contribution
D1- Imported Raw Material / Finished product (if applicable)	
D2 - Local Raw Material / Finished product (if applicable)	
D3 - Labour	



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D4 - Transport	
D5 – Housing and utilities	
D6 – Other	
TOTAL (Cost components must add up to 100%)	100 %

18.6.4 Applicable indices / references

The applicable index refers to the relevant market index, which is a true reflection of price movement(s) in the cost over time. In this bid the following indices or reference will be applicable:

Cost component	Index Publication	Index Reference
D1 – Imported Raw Material / Finished product (if applicable)	Supplier / Manufacturer invoice(s) and remittance	Documentary evidence to accompany claim.
D2 - Local Raw Material / Finished product (if applicable)	STATS SA P0142.1 (PPI) Table 1	Textiles, clothing and footwear– Clothing OR Documentary evidence to accompany claim
D3 - Labour	STATS SA P0141 (CPI), Table E OR Labour agreement ²	Table E - All Items OR Labour agreement to be provided
D4 – Transport	STATS SA P0141 (CPI) Table E	Table E - Transport – Other Running Cost
D5 – Housing and utilities	STATS SA P0141 (CPI) Table E	Table E – Housing and utilities Headline
D6 – other	Specify	Documentary evidence to accompany application



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18.6.5 Base Index Date

The base index date applicable to the formula is defined as the date at which the price adjustment starts. In this bid the base index date is

18.6.6 End Index Date

The end index dates are the dates at predetermined points in time during the contract period. In this bid the end indices are defined in the next paragraph (Price Adjustment Periods).

18.6.7 Price Adjustment Periods

Adjustment to contract prices must be applied for at the following dates:

Adjustment	CPA application to reach the office at the following dates	End Index Date	Dates from which adjusted prices will become effective
1 st Adjustment	After One year of signing the contract		Date of application of adjustment after approval was obtained

* In cases where invoices are supplied as documentary evidence, it is advised that invoices closest to the Base Index date and the End Index date be submitted. It should ideally reflect the adjustment period.

* In the absence of a labour agreement, the labour cost component will be adjusted with CPI Headline inflation.

18.7 RATES OF EXCHANGE (ROE) – BASE AND AVERAGE RATES

In the event where material and/or finished products are imported the following will apply:

The formula described above will be used and the imported cost component of the bid price (D1) will be adjusted taking into account the base RoE rate.

In the event where the RoE adjustment goes hand in hand with a material/product price increase, the material/product price (in foreign currency) will be converted to South African currency using the base rate.

The imported cost component (D1) will be adjusted together with all the other cost components Rate(s) of exchange to be used in this bid in the conversion of the bid price of the item(s) to South African currency is indicated in the table below.

Currency	Rates of exchange 12-month average for the contract period
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US Dollar	
Pound Sterling	
Euro	
Yuan	

Should the bidder make use of any other currency not mentioned above, the bidder is requested to calculate the average for the period to using the Reserve Bank published rates for the specific currency. Visit www.reservebank.co.za to obtain the relevant rates. Please refer to TCBD 2 (Procedure to download historical exchange rates from the Reserve Bank website) for instructions.

Contract price adjustments due to rate of exchange variations are based on average exchange rates as published by the Reserve Bank for the periods indicated hereunder:

Adjustment	Average exchange rates for the period:
1st Adjustment	Date to Date
2nd Adjustment	Date to Date

19. GENERAL

Unless prior approval has been obtained from SAPS Contract Management, no adjustment in contract prices will be made.

Applications for price adjustment must be accompanied by documentary evidence in support of any adjustment.

CPA applications will be applied strictly according to the specified formula and parameters above as well as the cost breakdown supplied by bidders in their bid documents.

In the event where the supplier's CPA application, based on the above formula and parameters, differs from Contract Management SAPS verification, Contract Management SAPS will consult with the supplier to resolve the differences. The South African Police Service reserves the right to negotiate amended contract prices at any stage prior to the final notification to end users.

20. BREACH OF CONTRACT

The South African Police Service reserves the right to terminate the contract(s) if the contractor does not honour contract(s) obligations including submission of information.

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

SCOPE OF THE REQUIREMENT

The South African Police Service requires the supply, delivery, installation, testing, training and commissioning of public places Closed Circuit Television facilities to cover the areas as indicated in the attached appendixes to this document. The requirement comprises of assorted CCTV cameras, integration to optic fibre and microwave transmission systems, digital video recording and archiving systems, video display systems and the installation and commissioning of all the mentioned systems as well as the complete equipping and commissioning of the associated control centre. A rapid deployment surveillance system is to be integrated into the system.

Automatic number plate recognition cameras and software is included in the requirement. Facial Recognition software is required to be supplied and integrated into the complete system. Image analytics to recognise firearms and specific operational scenarios and to generate alarm is included in the requirement.

The total bid must include all components and services to provide a complete turnkey solution. All goods and services required must be included in the bid price. The bidder must offer an own complete microwave solution in consultation with the certified Transmission Systems provider/s.

The requirement includes additional equipment that may be required during the contract period that is expected to be needed due to evolution of SAPS requirement within the system service area as crime patterns evolve. This contract is for a two (02) years system supply, installation and commissioning period, a one (01) year warranty period during which maintenance will be done by the contractor at no cost to the state, followed by a five (05) years period of paid maintenance. The total contract period shall thus be eight (08) years.

DOCUMENT FORMAT

This document is divided into four (4) subsections viz.

1. Bid Conditions,
2. General Requirements
3. Technical Requirements,
4. Summary of deliverables as well as Appendixes:
 - A. Items Included with Offer.
 - B. Track Record.
 - C. Areas to be observed with required image type indicated. (Part of requirement)
 - D. Proposed camera locations to monitor indicated areas. (Part of requirement)
 - E. Operational Requirements Manual. (Part of requirement)

IMPORTANT NOTICE

Bidder's attention is drawn to the bid conditions as specified in section 1 of this document and specifically to paragraph 1.1.

Bidder must strictly follow the guidelines specified in section 1, to ensure that the completion of the bid document complies in all aspects with the requirements of the South African Police Service (SAPS).

Disregarding this notice and the guidelines as specified in section 1, will have the result that the SA Police Service will not consider and evaluate the bidder's offer.

Bidder are also required to complete the documents and supply all information to the best of their ability as called for by the SA Police Service in this document.

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY / DO NOT COMPLY
1	<u>BID CONDITIONS</u>	
1.1	<u>COMPLETION OF BID DOCUMENTS</u>	
1.1.1.	Bidder must explicitly state either "Comply" or "Do not Comply" regarding all the requirements outlined in this document, except where otherwise stated. Bidder must avoid terms such as "yes", "no", "noted", "accepted", "as specified", "see attached letters" etc.	STATE:
1.1.2.	Whenever technical parameters are specified as requirements, bidder must state, besides the terms according to section 1.1 above, also the numerical value(s). Numerical values must be stated in the same units as the units of the technical parameters specified.	STATE:
1.1.3.	Bidder must make sure that the values specified are not in conflict with the values found in the technical documentation accompanying the bid reply.	STATE:
1.2.	<u>ACCEPTANCE OF BID</u>	
1.2.1.	The SA Police Service reserves the right to accept any bid, part of a bid or no bid at all. Bidder must state only against this clause either "Accepted" or "Not Accepted".	STATE:
1.3.	<u>ALTERNATIVE OFFERS</u>	
1.3.1.	When bidder submit an alternative offer(s) the following guidelines must be followed. Non-compliance with these guidelines must result in the non-acceptance of an alternative offer. If a bidder does not submit an alternative offer(s), the bidder must state "Not Applicable (N/A)" only to this section.	STATE:
1.3.2.	For each offer, bidder must complete a full set of the accompanying State Tender Board documents, this document in full and Appendixes "A" and "B" Relevant test reports, approval certificates and other documentation as required in this document must also be submitted for each alternative offer. Bidder must avoid the words "same as previous offer" in the alternative offer documents.	STATE:
1.3.3.	In the event of alternative offers, the main offer must be clearly identified as "Main Offer" and the alternative offers must follow in sequential order: "Alternative A", Alternative 'B' etc. All alternative offers must be clearly identified and submitted in their own file folders.	STATE:
1.3.4.	Alternative offer(s) must be submitted with the main offer on the closing date and time of the bid.	STATE:
1.4.	<u>COMPLETENESS OF DOCUMENTATION RECEIVED BY THE BIDDER</u>	
1.4.1.	The pages of this document are numbered in a consecutive numerical order,	STATE:
1.4.2.	It must be the bidder's responsibility to ensure that all pages of this document are received.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
1.5	SCHEDULING OF ITEMS - APPENDIX A	
1.5.1	The bidder must complete Appendix A as specified in the attached APPENDIX A PARTS 1 AND 2. APPENDIX A PART 1 must contain all items offered to establish the system and is to be completed accurately. APPENDIX A PART 2 must be the items for delivery during system maintenance period as well as optional parts offered for system that will be available for system support and refinement during the contract period.	STATE:
1.5.2	These two appendixes must include detailed lists of all items offered be compiled by the bidder, in a table format with the following columns:	
1.5.2.1	Item number,	STATE:
1.5.2.2	Item name,	STATE:
1.5.2.3	Item description,	STATE:
1.5.2.4	Manufacturers name and part/code number of item,	STATE:
1.5.2.5	International ICN code if available,	STATE:
1.5.2.6	Quantity of the item needed to comply with specification,	STATE:
1.5.2.7	Item price including VAT, and	STATE:
1.5.2.8	Total price including VAT for total number of the item required in the project.	STATE:
1.5.3	These appendixes must be thoroughly and accurately completed. Each item offered to the SAPS must be indicated i.e. equipment, services, etc.	STATE:
1.6	<u>TRACK RECORD - APPENDIX 'B'</u>	
1.6.1	The bidder must provide proof of track record of the same type of work where the bidder has successfully supplied the equipment and offered services within the RSA.	STATE:
1.6.2	The track record must be compiled by the bidder and labelled "Appendix B". The details of these statistics must include at least the following:	STATE:
1.6.2.1	Names of previous clients.	STATE:
1.6.2.2	Current contact numbers of previous clients.	STATE:
1.6.2.3	Number of cameras installed in one system.	STATE:
1.6.2.4	Average value in SA Rand of sites installed.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
1.6.2.5	Descriptions of systems supplied	STATE:
1.7	<u>INDEMNIFICATION</u>	
1.7.1	Neither the SA Police Service nor any accredited testing facility employed by the SAPS for testing of deliverables or samples in this bid will be responsible for any costs resulting from damage done to the equipment offered during testing or evaluation according to this specification.	STATE:
1.8	<u>CONFIGURATION OF BID REPLY</u>	
1.8.1	Offers submitted by a bidder must be neatly bound in a file folder, complete with an index page to enable the SA Police Service to ensure that all information was received. Offers submitted must include at least the following:	STATE:
1.8.2	The completed technical specification with the accompanying State Bid documents.	STATE:
1.8.3	Appendixes "A" and "B" must be completed by the bidder. See 1.5 and 1.6 of this document.	STATE:
1.8.4	Detailed technical specifications of all the equipment offered.	STATE:
1.8.5	All additions to the bid document, i.e. Price list, Brochures, Spare Parts list etc. must be neatly bound in the file folder and these additions must be shown on the index page as Appendixes. Each additional document and/or list must be listed separately in the index.	STATE:
1.8.6	Any loose pages or brochures submitted, not bound as stated above will not be accepted by the SA Police Service.	STATE:
1.9	<u>ASSUMPTIONS MADE BY BIDDER</u>	
1.9.1	No assumptions must be made by bidder in their bid reply.	STATE:
1.9.2	It must be the bidder's responsibility to obtain all information required to submit a comprehensive bid that meets all requirements. If any uncertainties exist regarding the interpretation of the requirements or specifications, the bidder must clarify such uncertainties with the SA Police Service.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
2.	<u>GENERAL REQUIREMENTS:</u>	
2.1	<u>SCOPE OF BID:</u>	
2.1.1	The SAPS has a requirement for the supply, delivery, installation, testing, training and commissioning as well as warrantee support of a complete closed circuit television system in the public space of the Inanda, Ntuzuma and Kwa-Mashu police station service areas.	STATE:
2.1.2	The warrantee support supplied by the bidder must be a one-year warrantee period that must commence when the system passes an acceptance test procedure at the completion of system commissioning.	STATE:
2.1.3	The bidder must also quote for components supply and maintenance support contract for a period of five years after the warranty period has expired which must commence when the system passes the acceptance test procedure (ATP).	STATE:
2.1.4	The bidder must supply any further equipment that is required by SAPS during the contract period that is required to be added to the system to keep the system operational capability adequate in relation to evolution of SAPS requirements in the operational area that the system is built for. Such equipment must comply with all specifications of the original system build.	STATE:
2.1.5	This bid is for two main deliverables: The first deliverable, the bidder must establish the system and support the system for one year under warrantee after commissioning of the system.	STATE:
2.1.6	The second deliverable, the bidder must maintain and support for a period of five (05) years and is subject to the successful completion of the system establishment deliverable for systems delivery up to the completion of the warrantee period.	STATE:
1.7	The system must include all cameras and associated electronics to be installed at camera sites, including all equipment to deliver the video captured to the control centre at Ntuzuma.	STATE:
2.1.8	The Bidder must use the SAPS microwave transmission contract (if there is a contract available) for supply and delivery of transmission services as per the architecture and design of CCTV network	STATE:
2.1.9	In the event that the SAPS transmission contract doesn't provide for any specific requirements as per the architecture design of the CCTV network, it will be the responsibility of the bidder to provide such equipment. The Bidder must provide microwave, the maintenance of the microwave system which must be included in the maintenance program.	STATE:
2.1.10	The system must also include all video display systems inclusive of video wall.	STATE:
2.1.11	The system must also include all storage systems as well as systems to reproduce video evidence for use by investigators and court.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
2.1.12	The requirement includes CCTV coverage of the Ntuzuma control centre premises as well as the building internal spaces for purposes of enhancing security of the staff and systems.	STATE:
2.1.13	The requirement further includes an access control system as part of the security facilities to be provided, installed and maintained along with the operational public places surveillance system.	STATE:
2.1.14	The requirement includes all required training of operators of the system at various levels including detail technical training.	STATE:
2.1.15	The requirement also includes a service to support SAPS in the certification of the competency of operators as well as technical personnel of the system.	STATE:
1.16	The system also includes a public address system that will enable the operators to make public announcements from the control centre to three camera sites	STATE:
2.1.17	The system must include software to do intelligent video analysis for purposes of investigation of incidents by searching recorded video for faces, assets and incidents to enable effective utilization of the recorded video in the system. The software must also include video enhancement capabilities.	STATE:
2.2	<u>MICROWAVE TRANSMISSION</u>	
2.2.1	The bidder must submit a microwave technology network solution that must be complete and must provide connectivity to all camera sites.	STATE:
2.2.2	The bidder must supply and install all microwave and network equipment to connect all camera sites to the control centre.	
2.2.3	Microwave equipment offered must be type approved by the regulator ICASA for sale and use in South Africa.	STATE:
2.2.4	The microwave equipment must operate in the 42 GHz band as well as the E-band with lower frequency spectrum only selected for links where the link distance dictates such lower frequency spectrum be required.	STATE:
2.2.5	The bidder must employ a suitably qualified electronic engineer with microwave technology experience and must consult the offer for licensing viability with the regulator prior to submission of the bid.	STATE:
2.2.6	The successful bidder must survey each microwave link in the system in a two phase process where the microwave link must be calculated as viable on a software tool such as path loss or similar in an office phase. Secondly the bidder must physically confirm line of sight of each microwave link in the system and must certify that the surveys were done.	STATE:
2.2.7	The microwave system submission must include a print of each prediction indicating ground profile, clutter profile, antenna height at each end, predicted receive power as well as the Fresnel zone for each link transmission and receiving (TX-RX) frequency.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
2.2.8	The bidder must provide a plan for data routing and capacity planning indicating data capacity per link which required data capacity must be factored in to link viability calculation.	STATE:
2.2.9	The microwave system offered must have a single operating system as well as a single network management system that will enable efficient operation as well as simplified network management.	STATE:
2.2.10	The successful bidder must provide alarm management system for the microwave systems.	STATE:
2.3	<u>IMAGE AND VIDEO ANALYTICS:</u>	
2.3.1	SAPS CCTV systems are required to make effective use of video and image analytics.	STATE
2.3.1.1.	Analytics available in this system must include the following:	
2.3.1.1.1	The system must provide have an automatic number plate recognition software functionality.	STATE:
2.3.1.1.2	Facial recognition software with a capability to generate an alert to the operators when a person resembling a wanted person or person of interest appears in the view of any camera in the system.	STATE:
2.3.2	Flame detection to alert operators of fire in a scene.	STATE:
2.3.3	The system must also provide recognition of firearms and must generate an alarm whenever a firearm is handled within the view of any camera in the system.	STATE:
2.3.4	This facility must include analysis of the posture of persons and must indicate possible fire arm incidents where the posture of a person indicate probable fire arm use even when the fire arm is obscured from view or too small for direct recognition purposes.	STATE:
2.3.5	The system must also generate alarms from image analytics if any of a number of operational scenarios are captured in camera view as is detailed in the specification.	STATE:
2.3.6	The surveillance solution used must have a set of well-developed image and video analytics capabilities. The system must allow SAPS to add custom image analytics modules that the SAPS may source from other sources or may self-develop.	STATE:
2.3.7	This contract includes the management of the system build process in compliance with accepted project management principles. The bidder must provide a service of project execution planning and monitoring and must provide all appropriate documentation including project plans and project progress reports to the SA Police Service.	STATE:
2.3.8	The successful bidder must compile project schedules on Microsoft Project format and must provide a schedule of activities for each quarter of the financial year as per the financial calendar of the SAPS and must provide progress reports monthly on the progress of activities within the quarter with a final report for each quarter delivered on the final day of each quarter.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
2.4	<u>CCTV QUALITY LEVELS:</u>	
2.4.1	The SAPS defines for purposes of this specification the following 4 quality levels:	
2.4.1.1	Monitor: Images conforming to this quality level must allow SAPS to follow the motion of all extremities of the human body and must enable SAPS to identify at least race and gender of persons appearing in the images. The surveillance material certified to meet the monitoring standard must at least provide 12 frames per second of images that will enable motion to be followed fluently and must provide at least 250 pixels in height over the average length of a person (1.6 Meter).	STATE:
2.4.1.2	Recognition Quality: Images conforming to recognition quality must achieve facial recognition on the standard test faces of the Rotakin CCTV evaluation system. The system must at this level capture the facial features of persons with adequate fidelity to achieve better than 97% recognition of the Rotakin faces on the system by users who pass the South African Driver License eye test. The recognition quality level will enable SAPS to eliminate suspects from evaluation of their appearance, but is not expected to provide absolute evidence of identity.	STATE:
2.4.1.3	Positioning / Coverage / Detection Quality: In the inside building coverage, the bidder is expected to ensure that person/s cannot move between rooms or passages in the building without passing through at least recognition quality coverage.	STATE:
2.4.1.4	Forensic Identification Quality: Is defined as an image in which micro level features on the face, which includes scars, moles, wrinkles and other facial marks are effectively captured. This level of quality will enable identification of an individual to the degree that all reasonable doubt over identity of the individual is removed. This quality will be captured of persons entering the CCTV control centre of SAPS.	STATE:
2.5	<u>STORAGE OF CCTV DATA:</u>	
2.5.1	The CCTV data stored is required to facilitate investigation of incidents that occur in the operational area. Incidents may be identified immediately or may only be identified at a later stage date. Storage of CCTV data in this project must be kept for a minimum of 60 days.	STATE:
2.5.2	Storage must be designed such that quality is not compromised. Footage specified to be of a quality as per quality standards above must be stored in the same quality such that review at any later stage will achieve the same operational result.	STATE:
2.6	<u>CONTROL ROOM:</u>	
2.6.1	The bidder is required to fully equip the control room with all items required for use by the operators of the system, including all electronic systems related to the CCTV system suitable for 24/7/365 use.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
2.7	<u>TURNKEY PROJECT:</u>	
2.7.1	The bidder must ensure that all goods and services required for the successful functioning of the CCTV project are included in his bid. Items will only be excluded from the requirement where SAPS indicates this specifically. The bidder is thus required to deliver a complete turnkey project with no exclusions that are not clearly excluded by means of clear indication in the specification. The SAPS appends to the bid document a bill of materials/deliverables. This Appendix A PART 1 serves to scope the project functionally. The bidder must add to this Appendix all items necessary to fully implement the SAPS functional requirement, in line with the requirements of the equipment and systems offered by the bidder.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.	TECHNICAL REQUIREMENTS	
3.1	SCOPE OF REQUIREMENT	
3.1.1	Environmental requirements: An Ingress Protection rating of at least IP 65 as defined by the International Electro technical Commission (IEC) is required for all outdoor systems.	STATE:
3.1.2	The Successful bidder must adhere to any standards prescribed by a land / property / infrastructure owner where SAPS installations are done on such land / property / infrastructure, including telecommunications underground sleeves, building cabling, overhead cabling or similar infrastructure. Where standard practices are imposed on the SAPS by property owners in this project. Any resulting additional cost implications will be for the account of SAPS based on prior approval by SAPS and an "Open Book" accounting principles. For all projects included in this requirement, bidder must determine such costs and include such cost in the bid price. The costs must be broken down in detail and be fully visible in the bid submission.	STATE:
3.1.3	Cables will each be labelled with the same number at the back Patch Panels where the cables connect and at the back of all wall outlets not more than 50mm from the termination point/end. Oval grip labels will be accepted.	STATE:
3.1.4	The SAPS reserves the right to test the equipment and installation offered to the above or equivalent specifications and to reject any equipment that does not satisfy the requirements of the SAPS as detailed in this specification.	STATE:
3.1.5	The Successful Bidder must follow sound engineering practice throughout all installations and design and thus must fully adhere to at least the following general technical standards or such other standards as would be appropriate for any technical work done: all standards applied must be subject to SAPS approval.	STATE:
3.1.6	SANS Series of specifications for general CCTV installation practice (SANS 10222-5-1-1, SANS 10222-5-1-3, SANS 10222-5-1-4, SANS 10222-5-1-5 and SANS 10222-5-1-2)	STATE:
3.1.7	The Successful Bidder must accept full responsibility for any damages done to property in the course of his/her work in terms of this contract.	STATE:
3.1.8	The Successful Bidder must acquaint him/herself with all relevant policy, standards and regulations imposed by land / property/ infrastructure owners such as the local authority (electrical department, water), Telkom, ESKOM etc.	STATE:
3.1.9	The bidder must acquaint him/herself with the SAPS cabling standards relating to IT cabling and must comply in all installations with the technical requirements.	STATE:
3.1.10	The bidder must install all IT type cabling in these installations in accordance with the attached technical standards and must not duplicate cabling infrastructure where adequate capacity/space is available on the existing SAPS cabling infrastructure.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.2	<u>CABLING PRACTICE AND STANDARDS FOR SIGNAL AND DATA CABLING:</u>	
3.2.1	In each case of cabling to be installed, the cable must be selected to be of the optimum type and specification for the purpose, with due consideration of signal requirements, shielding requirements, environmental requirements, and appropriate practice for cabling of the respective kind.	STATE:
3.2.2	All cables used must be installed with strict adherence to cable manufacturer installation instructions.	STATE:
3.2.3	All cables used in the installations, that will be exposed to outdoor conditions, must be selected to be resistant to ultra violet and all other damaging solar radiation, to the range of temperatures imposed by the installation circumstances, to wind induced vibration, environmental chemical exposure, moisture and must be installed on appropriate cable support structures such as cable ducts, cable trays and catenary cables.	STATE:
3.2.4	All cabling installed surface mount in buildings must be installed in plastic electrical conduit with no cables exposed to mechanical damages. In cases of expected vandalism, cable must be installed in steel conduit or alternatively cables will be routed in areas protected from vandalism exposure.	STATE:
3.2.5	All signal cable feeds must be engineered to ensure that losses incurred are within the limits that will allow high system reliability and unimpeded performance. This includes optic fibre line losses to be within the design loss limit prescribed by the transmission equipment manufacturer.	STATE:
3.2.6	All cables in the system must be clearly labelled at least at both ends as well as at all splices, with a cable identifier number. This cable identifier number must indicate the source and load devices and must be recorded in a system design drawing that will indicate all pin to pin wiring in the system. This cable label must be a permanent label. Labels must be transparent heat shrink protected.	STATE:
3.2.7	Internal: All labelling must be printed on permanent ink PVC labels. All printed labels must be black on white with a font size of at least 8mm except for the wall outlets where the font size must be 6mm.	STATE:
3.2.8	External: All labelling must be printed on permanent letters or labels. All printed labels must be black on white with a font size of at least 8mm except for the wall outlets where the font size must be 6mm.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.2.9	Internal: Labelling must be done as follows:	
3.2.9.1	Patch / NVR Display or other panels: A, B, C etc: from the top to bottom of the cabinet / NVR or other CCTV equipment. The label will be on the left side of the Patch / NVR Display or other panel.	STATE:
3.2.9.2	Wall Box or other Outlet: GABnn where: G – Indicates the floor on which the cabinet / equipment is situated. A – Indicates the cabinet / display unit number. B – Indicates the patch / NVR display panel Number. nn – Indicates the port number on the patch / NVR display panel.	STATE:
3.2.9.3	The cable will be labelled with the same number at the back of the Patch Panel and at the back of the wall outlet not more than 50mm from the termination point/end by means of an SAPS approved method. Oval grip labels will be accepted.	STATE:
3.3	<u>INSTALLATION SPECIFICATION:</u>	
3.3.1	The System must be installed in accordance with the latest versions of the following, as and when applicable:	
3.3.1.1	BS EN 50173: Generic Cabling Systems.	STATE:
3.3.1.2	ANSI/TIA/EIA-568-A Building Cabling Systems.	STATE:
3.3.1.3	TIA/EIA-TSB67 Testing of Structured Cabling Systems Designed to ANSI/TIA/EIA-568-A	STATE:
3.3.1.4	ISO/IEC 11801 Premises Cabling Systems.	STATE:
3.3.1.5	EN 50174: Installation of Generic Cabling Systems (When Approved).	STATE:
3.3.1.6	BS 7718 Code of Practice for the Installation of Fibre Optic Cabling.	STATE:
3.3.1.7	BS 6701 Code of Practice for Installation of Apparatus intended for connection to certain telecommunication systems.	STATE:
3.3.1.8	Telecommunications Industry Association Code of Practice for the Installation of Telecommunications Cable Distribution Systems.	STATE:
3.3.1.9	OFTEL General Approvals (GA). (E.g. NS/G/1235/W/100025 [GA25].	STATE:
3.3.1.10	IEE Wiring Regulations (BS 7671).	STATE:
3.3.1.11	Manufacturer's installation and testing documentation.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.4	GENERAL CAMERA REQUIREMENTS:	
3.4.1	The Bidder must offer a range of cameras providing for all the camera types specified, such that the SAPS requirement can be supplied at least according to the specification.	STATE:
3.4.2	The Bidder must provide for outdoor as well as indoor environments, for cameras with interchangeable lenses as well as compact cameras with integrated lenses.	STATE:
3.4.3	In each camera installation, the operational requirement will be determined by the SAPS, and the bidder will be required to provide a camera of suitable quality to ensure successful operational performance.	STATE:
3.4.4	Selected priority areas covered by PTZ cameras must be covered by stationary cameras as backup to ensure that a minimum basic coverage of any incident occurring in the area must always be available.	STATE:
3.4.5	Pre-sets: PTZ cameras must have the capability to store pre-set positions and pre-set default patrols consisting of a series of pre-set positions and pan/tilt/zoom sequences.	STATE:
3.4.6	Camera specifications must allow use of cameras for Automatic Number plate Recognition systems. Where cameras cover roads, the image quality will be engineered to be adequate for the effective use of automatic number plate reading.	STATE:
3.4.7	At selected camera sites, a low light or no light capability is required to view incidents at night in all lighting conditions.	STATE:
3.4.8	Active infrared illumination systems are required where the infra-red light source is mounted with the camera on one mechanism, and where the IR light emitted is matched in radiation pattern to the viewing pattern of the IR camera. Illumination should be adequate to allow effective operation at a range suitable for the planned camera coverage area. Infrared lighting options from short range 0 (from camera point) up to minimum of 500 meter range are required or higher range. The more the range that can be covered, the better.	STATE:
3.4.9	IR Illumination must be within eye safe levels.	STATE:
3.4.10	The operator must be able to select day / night camera functions from the operator position in the CCTV control centre via standard camera control telemetry.	STATE:
3.4.11	The IR Illumination and IR Camera must be controlled independently.	STATE:
3.5	TELEMETRY SYSTEM: The telemetry system must make provision for control of the following:	
3.5.1	Camera pan, tilt, zoom, focus and Iris control as well as all image quality optimization settings provided for in the camera internal software.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.5.2	Pan and tilt must be variable speed control allowing precise and intuitive control, facilitating easy tracking of suspects or vehicles through a scene.	STATE:
3.5.3	Selection of a camera must be by means of a graphical user interface that must display a map view of the area. Camera selection must occur by means of mouse cursor or touch screen activation, user friendly and ergonomically refined to optimise operator efficiency and minimise operator fatigue.	STATE:
3.5.4	Telemetry must also provide facilities to control PTZ camera window washing, wiping, heating, as well as IR Camera selection, IR Illumination control as well as control over all devices and sensors as installed per site.	STATE:
3.5.5	The telemetry must use a non-Proprietary protocol allowing the successful bidder to offer cameras to SAPS with full functionality without Proprietary protocols inhibiting SAPS camera selection for the further support and upgrade of the system.	STATE:
3.6	<u>BIDDER RESPONSIBILITIES:</u>	
3.6.1	The successful bidder must be responsible for the following:	
3.6.1.2	Provide detailed technical design of the entire system, to enable implementation of the required capabilities as detailed in this specification.	STATE:
3.6.1.3	Sourcing and delivering all required items to build a complete system or identified subsystems.	STATE:
3.6.1.4	The complete systems integration of all required sub systems. All technical interfacing must comply with good engineering practice.	STATE:
3.6.1.5	Pre installation testing of all sub systems. The successful bidder must provide a pre installation test certificate in respect of all equipment to be installed, prior to installation and system commissioning.	STATE:
3.6.1.6	All camera site systems must be prepared, configured and practically set up before installation, such that installation can be accomplished in a minimum time.	STATE:
3.6.1.7	Assist SAPS government property administration staff in the identification and codification process of all durable items to be taken onto government property account before an order is issued.	STATE:
3.6.1.8	The installation of all items supplied in compliance to this specification.	STATE:
3.6.1.9	All required configuration/programming/preparation of all items to be installed such as camera back focus and transmission system levels.	STATE:
3.6.1.10	The commissioning of the system to full functionality.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.6.1.11	Testing of the system in accordance with the acceptance test procedure (ATP) in order to demonstrate compliance to this specification before system acceptance by the SAPS.	STATE:
3.6.1.12	Provision of a one year post commissioning warrantee service that will keep the system fully functional according to specification such that the system must pass Acceptance Test Procedure (ATP) at all scheduled acceptance test procedure execution dates.	STATE:
3.6.1.13	The successful bidder must execute the acceptance test procedure during the warrantee support period once every 6 months under supervision of the SAPS and must repair any defect found in these tests immediately. The ATP must thus be executed on three dates evenly spread throughout the one year warrantee period.	STATE:
3.7	<u>DOCUMENTATION:</u>	
3.7.1	The successful bidder must supply the following documentation:	
3.7.1.1	Technical documentation in hard printed colour and softcopy format: The documentation must contain comprehensive detail including maintenance schedules and detailed procedures, training materials for the training of technicians and a system acceptance test procedure document and network layout plan.	STATE:
3.7.1.2	Compilation and development of an Acceptance Test Procedure (ATP) document detailing all required procedures to test the system to specification, including all required instrumentation and other test equipment.	STATE:
3.7.1.3	The Acceptance Test Procedure (ATP) content must be subject to SAPS project management approval.	STATE:
3.7.1.4	This Acceptance Test Procedure (ATP) must be adequately detailed to guide a suitably qualified technician in the full testing of the system for purposes of fault location and compliance certification.	STATE:
3.7.1.5	Operational Documentation: User training manuals and system management manuals to train operators and managers of the system. The documentation must include workbooks and facilitators guides.	STATE:
3.7.1.6	All surveillance staff must be trained to successfully obtain a certificate in CCTV surveillance skills and Body Language which is approved by the International Security Education Council (ISEC).	STATE:
3.8	<u>TECHNICAL SUPPORT FACILITIES:</u>	
3.8.1	The successful bidder must have available skilled technical personnel to support all items / systems / solutions offered to the SAPS. CV's of skilled technical personnel must be included in the proposal.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.8.2	The successful bidder may use sub-contractors for this support, but must supply in Bid documents proof of the facility, and the available staff, and the contractual relationship between the bidder and any sub-contractors used to supply this service.	STATE:
3.8.3	The successful bidder must carry a stock of required maintenance spares and reserve equipment to ensure the availability of support for any failure without relying on support from abroad.	STATE:
3.9	<u>SYSTEM WARRANTY PERIOD:</u>	
3.9.1	The successful bidder must provide warranty services: The warranty of the entire system for a period of at least one year after date of systems acceptance and commissioning (from date of sign-off) per site implemented.	STATE:
3.9.2	The successful bidder must be able to provide the services of a competent technician(s) for the full warranty period of a year at no cost to the state.	STATE:
3.10	<u>SYSTEM MAINTENANCE AND SUPPORT:</u>	
3.10.1	Maintenance must also be supplied in the following categories: Mission critical and Operational and Priority levels. Material costs will be determined by quotation and pre-approval by the SAPS-CIO, or authorised delegate, before execution of the order. The categories will be determined as part of the SLA negotiations after awarding of the Bid to the Successful Bidder (s) Maintenance cost must apply only after completion of the warrantee period, or in the case of force majeure.	STATE:
3.10.2	<u>Mission Critical MTTR (Mean time to repair)</u> All faults/service requests on hardware and related peripherals to be repaired within 1 (one) hour from the time that the problem is logged on the official problem management tool within the boundaries of 100 km from the centre of the nodal. For every additional 100 km beyond the boundary of the nodal centre an additional hour will be added. This service must be available 24/7, public holidays included. The bidder must provide the services of the repair technician at a nodal point within one hour travel time from the system installation site.	STATE:
3.10.3	<u>Priority MTTR (Mean time to repair)</u> All faults/service requests on hardware and related peripherals to be repaired within 6 (six) hours from the time that the problem is logged on the official problem management tool within the boundaries of 100 km from the centre of the nodal. For every additional 100 km beyond the boundary of the nodal centre an additional hour will be added. This service must be available 24/7, public holidays included.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.10.4	<p><u>Operation MTTR (Mean time to repair)</u></p> <p>All faults/service requests on hardware and related peripherals to be repaired within 6 (six) hours from the time that the problem is logged on the official problem management tool within the boundaries of 100 km from the centre of the nodal. For every additional 100 km beyond the boundary of the nodal centre, an additional hour will be added. This service must be available during office hours (07:00 to 17:00, Monday to Friday).</p>	STATE:
3.11	<u>GENERAL CAMERA INSTALLATION REQUIREMENTS:</u>	
3.11.1	All general camera installation requirements stated in this document must apply to all categories of cameras except in the case of clauses incompatible with the function of a specific camera.	STATE:
3.11.2	All installation items including mounting brackets, cable protection sheaths, poles, camera housings and all items exposed to the environment must be corrosion resistant, manufactured from corrosion resistant metals or where manufactured from steel, the items must be hot dip galvanized to appropriate SANS specification.(As indicated in Par 3.1.9 above).	STATE:
3.11.3	Camera support structures supplied must be highly ridged and must allow less than 2% of image width camera movement in high wind speeds at maximum focal length. The camera as installed must withstand winds of up to 100 Km/h and must perform with vibration and camera sway of less than 0.3 degrees at 50 Km/h wind speed.	STATE:
3.11.4	All electronic components at outdoor camera sites must be protected from the elements with a housing that complies with IP 65 (at least) as defined by the International Electro-technical Commission (IEC). This housing must also be locked and rugged to protect equipment from tampering. The housing may form part of the camera pole.	STATE:
3.11.5	All cables at camera sites must be protected from tampering by being installed inside steel cable conduit or flexible metal cable sheath. Where cameras are mounted on camera poles, the cables must be routed inside the camera pole.	STATE:
3.11.6	It must be possible to remove the telemetry and transmission electronics from the equipment shelter by un-plugging the telemetry and transmission systems without de-soldering of connections.	STATE:
3.11.7	In the event of telemetry or transmission failure it must be possible to replace the faulty sub system by unplugging the faulty parts, and installing replacement within 1 minute.	STATE:
3.11.8	Cameras must be mounted with rapid release mechanisms, allowing easy fast maintenance, including anti-theft devices.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.	DETAILED REQUIREMENT	
3.1	The bidder must compile a price schedule covering the following categories of items that may be required in the maintenance and support and utilization of the product that the bidder is offering to the SAPS.	STATE:
3.1.1	Components for the product supplied to SAPS:	
3.1.1.1	The bidder must provide all components of the product that could potentially be replaced in any repair process. This would include all modules, all mechanical components including casings and all components that could be unplugged or desoldered from PC boards.	STATE:
3.1.2	Programming and support software for the product supplied to SAPS:	
3.1.2.1	The bidder must provide all software components required for programming / configuration or fault finding of the product. These software components must be fully functional and must enable SAPS software access for programming and support of the equipment for the full life expectancy of the equipment.	STATE:
3.1.3	Programming and support hardware for the product supplied to SAPS:	
3.1.3.1	The bidder must provide all programming and support hardware available for the offered product such as programming interfaces, cables and test and measurement interfaces required to test the product in a service or test laboratory environment.	STATE:
3.1.4	Accessories for the product supplied to SAPS:	
3.1.4.1	The bidder must provide a comprehensive set of user accessories as defined in the specific SAPS requirement specification.	STATE:
3.1.5	Alternative components for the product supplied to SAPS:	
3.1.5.1	The bidder must provide all alternative components such as alternative battery technologies available, alternative equivalent components where original components are substituted or where equipment modifications or upgrades are available.	STATE:
3.1.5.2	Alternative Accessories for the product supplied to SAPS.	STATE:
3.1.5.3	Training Services for the training of support technicians for the product supplied to SAPS.	STATE:
3.1.5.4	Training materials for the training of support technicians for the product supplied to SAPS.	STATE:
3.1.5.5	The bidder must provide all software upgrades available for the products/systems offered to SAPS for the full period of the maintenance and support contract.	STATE:
3.1.5.6	The bidder must provide all hardware upgrades required for the system to be kept current for the full contract period.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
1.19	The bidder must quote for an optional solar power supply system consisting of solar panels, solar regulators and deep cycle batteries as well as all required installation items, including tamper resistant battery shelters, solar panel mounting frames, cabling and equipment housings required to be able to power systems in the complete absence of municipal power feed.	STATE:
1.20	Pan tilt and zoom capability must be variable speed with refined reliable control.	STATE:
1.21	Refined reliable and responsive camera control over pan, tilt, and focus is required.	STATE:
1.22	A camera must be able to pan or tilt smoothly with a speed adequately low to cause less than ½ image width panning per second with the camera at maximum zoom. Camera pan and tilt must be variable speed with a linear speed control relative to controller activation.	STATE:
1.23	The control loop latency must be less than 200 milliseconds. The latency must be the time between mechanically activating pan in the control centre until panning of the image on the control centre display begins. When a camera is panning in one direction, and the control centre control is reversed, the display must reverse direction within 200 milliseconds.	STATE:
1.24	Cameras must be resistant to condensation inside the camera housing by being either sealed against moisture or by being equipped with heating and blowing facilities.	STATE:
1.25	Light intensities in illuminated areas at night are generally at a level of 0.1 Lux and below. Cameras are required to operate effectively at this low light level. The sensitivity of cameras will be critically evaluated and where camera performance is found to be inadequate in the opinion of the SAPS such offer will be rejected. The measurement of camera performance as well as practical evaluation in the field will be used to evaluate this requirement. A signal to noise ratio of at least 55 dB under these conditions is required. The sensitivity of cameras will be evaluated in combination with signal to noise ratio requirements.	STATE:
1.26	Cameras must have well developed image quality enhancement capability including wide dynamic range, back light compensation and must be equipped with internal digital signal processing for image quality optimization.	STATE:
1.27	Camera and mechanical devices (PTZ) reliability must exceed a mean time between failures (MTBF) of 10000 hours. Please state in response the MTBF figure offered.	STATE:
1.28	PTZ and Dome Cameras must have privacy zone protection capability under password control.	STATE:
1.29	The cameras must have more than 30 privacy zone ability with a flexible privacy zone shape and size wherever SAPS cameras view private residences.	STATE:
1.30	Maintenance and repair components for all cameras offered must be available from the Successful bidder(s) for a minimum of ten years after date of delivery. A complete spares inventory with current spares prices and recommended spares list anticipated to be fast moving items must be included in Bid documents as optional RFB items.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.12	<u>TELEMETRY FOR CAMERA CONTROL:</u>	
3.12.1	Camera control telemetry must be an open protocol supported by multiple control systems manufacturers.	STATE:
3.12.2	The telemetry systems must make provision for control of the cameras, pan, tilt, zoom and focus facilities as required in the Camera Equipment section as well as the ability to switch to additional low light cameras and active infrared illumination at sites where such facilities are required.	STATE:
3.13	<u>GENERAL WIRELESS NETWORK REQUIREMENTS</u>	
3.13.1	The microwave equipment must radiate at a power level below 0.4 mW/cm ² such that no RF hazard condition will exist in the antenna path.	STATE:
3.13.2	Rapid deployment cameras are required that will have to be connected via wireless technology.	STATE:
3.13.3	The successful bidder must identify microwave deployment high sites for reception of signals from the rapid deployment camera equipment when these are deployed at sites in the project area.	STATE:
3.13.4	Microwave spectrum required: Microwave options offered must be selected to match the South African Band Plan as announced by ICASA in Government Gazette no 26584 of 15 July 2004 or the latest version of the South African Band Plan valid at the time of bid submission.	STATE:
3.13.5	Bands identified to date for such services are 10 Gigahertz band 10 channels of 14 MHz each, 31.5 Gigahertz to 31.8 Gigahertz and 58 Gigahertz high density fixed services allocations. Equipment offered must be consulted by the bidder with ICASA regarding allocated band within the South African Band Plan and type approval specifications imposed by ICASA in accordance with the ICASA act as amended.	STATE:
13.6	Bids for equipment in other bands can be considered provided that such offers are consulted with ICASA regarding available spectrum for the purpose. Where such options are offered the Bid must be accompanied with the written reply from ICASA indicating the acceptability of the spectrum requirements of the equipment offered. (As example the video feed to other police office may be provided by broad band IP radio on any of the bands identified by ICASA for such equipment.)	STATE:
3.14	<u>ACTIVE SURVEILLANCE MICROWAVE TRANSMISSION:</u>	
3.14.1	<u>TRANSMISSION NETWORK OVERVIEW</u>	
3.14.1.1	The bidder must quote in this contract for a full range of microwave link radio products to be able to build fully functional systems operating solely on microwave, as well as all required equipment and associated installation materials to supply and install fully functional systems based on optic fibre transmission.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.14.1.2	The bidder must also be able to build hybrid networks, part microwave and part optic fibre based.	STATE:
3.14.1.3	The microwave radios must be designed and built to be suitable for CCTV transmission and must be available in a range of radios able to carry any number from 1 to approximately 20 video feeds on a single link. The microwave radios used must be able to be implemented in a multiple star network topology, enabling the SAPS to deploy high camera density systems with up to 200 cameras per square kilometre.	STATE:
3.14.1.4	The microwave system proposed must specifically provide low latency transmission of high quality video transmission with high reliability.	STATE:
3.14.1.5	A range of microwave links and antennas must be quoted to cater for links with path lengths varying from below 1 km to a maximum path length of at least 60 km.	STATE:
3.14.1.6	Microwave Links must be engineered for 99.99 % availability in local weather conditions.	STATE:
3.14.1.7	Antennas must be solid parabolic dishes with complete mounting hardware suitable for use in corrosive environments.	STATE:
3.14.1.8	The video quality must meet or exceed EIA RS 250 C for medium-haul performance with better than 60dB signal to noise ratio, differential phase of less than 1.3 degrees and differential gain of better than 5% where any analogue video signals are carried and must deliver digital video signals with a low error rate such that image data will be fully retained.	STATE:
3.14.1.9	The microwave equipment must be developed with high performance long term stability to require no regular maintenance for periods up to at least 10 years.	STATE:
3.14.1.10	High reliability. Transmission systems must be highly reliable. On average, less than one failure per 10 links may occur in a period of four years. This translates to a MTBF of at least 350 000 Hr.	STATE:
3.14.1.11	The transmission system must deliver signal without any user detectable delay. Telemetry for camera control, camera response and the resultant video image feedback to the operator must thus occur without any user detectable latency. (Delayed response to user input).	STATE:
3.14.1.12	Transmission systems must be selected to minimize required maintenance and other costs.	STATE:
3.14.1.13	The transmission system must carry video from the camera sites to the control facility as well as control telemetry to the camera sites.	STATE:
3.15	<u>TRANSMISSION NETWORK:</u>	
3.15.1	The transmission network must provide for the following services:	
3.15.1.1	Secure Video and audio transmission from all sites.	STATE:
3.15.1.2	Secure Data transmission to all sites for inter alia camera control telemetry.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
15.1.3	Secure Video and data connection to rapid deployment of inter alia camera / video / data and voice systems.	STATE:
3.16	TESTING OF EQUIPMENT:	
3.16.1	PURPOSE AND SCOPE OF CAMERA EVALUATION:	
3.16.1.1	The SAPS requires cameras suitable for demanding environments:	
3.16.1.1.1	The bidder need to satisfy the SAPS in a structured practical demonstration that the offered cameras and associated equipment is suitable for demanding applications.	STATE:
3.16.1.1.2	The SAPS is committed to procure the best of class equipment in order to ensure efficiency in these systems. Products will however not be rejected based on minor deficiencies identified. The purpose of practical evaluation is to identify deficiencies that would materially impact on the operational performance of the systems. Such deficiencies will be grounds for the SAPS to reject an offer or any part thereof.	STATE:
3.16.1.1.3	Deficiencies impacting on operational performance of the system must be deficiencies that would be important in the view of a professional qualified person such as a scientist or engineer consulted by the SAPS for opinion in this regard. The SAPS reserves the right to accept guidance from any such expert from within the CCTV industry, broadcast industry, from universities, police scientific officers local and abroad and other sources of scientific and engineering information such as the CSIR, ARMSCOR etc.	STATE:
3.16.1.1.4	The SAPS needs to establish with reasonable certainty that products procured can viably be sustained over extended periods and thus require Short Listed Bidder to demonstrate procedures for disassembly, maintenance and repair of equipment. This specifically applies to mechanical devices such a PTZ mechanisms in independent PTZ heads or as part of dome cameras.	STATE:
3.17	SAPS TEST AND EVALUATION METHODOLOGY:	
3.17.1	The SAPS will use a combination of measured and operational simulation evaluation mechanisms, measuring some parameters with instruments and subjecting some parameters to the evaluation of a selected sample of observers to arrive at a conclusion. Operational simulation evaluation means an evaluation based on the relative quality of images or other performance parameters relevant to system performance and that would impact on system efficiency as tested against the observation and opinion of a structured team of observers. The SAPS reserves the right to accept guidance from any such expert from within the CCTV industry, broadcast industry, from universities, police scientific officers local and abroad and other sources of scientific and engineering information such as the CSIR, ARMSCOR etc.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.17.2	The evaluation by SAPS will be based on operational environment simulation, re-creating operational conditions and if deemed necessary placing cameras in real world operational environments to ensure realistic evaluation of equipment. The evaluation will include practical implementation issues such as the user friendliness of camera configuration procedures and associated items.	STATE:
3.17.3	The approach will be pragmatic and practical. Cameras will not be eliminated based on marginal measurements, but will be eliminated if substantial performance deficiencies or practical implementation obstacles are detected.	STATE:
3.17.4	The SAPS will schedule evaluation sessions as dictated by the practical circumstances at evaluation time, based on the numbers of cameras to be evaluated. The SAPS will schedule a session per camera category, with the possibility of clustering similar camera categories such as general purpose Static and PTZ as the cameras used are likely to be similar/identical.	STATE:
3.17.5	Note must be taken that SAPS work in robust environments and that the solution must be of such a nature that it can withstand it, e.g. the brackets and operating mechanisms of the satellite on top of a vehicle must be of such a nature that it will at least withstand the use of it on a gravel road.	STATE:
3.18	<u>SAMPLE OF CAMERAS OFFERED:</u>	
3.18.1	Short Listed Bidder(s) must have available a sample of each camera offered under this RFB to be delivered at a location for evaluation selected by the SAPS within the boundaries of the Kwa-Zulu Natal Province and within 50 Km from Durban City Centre.	STATE:
3.18.2	The sample camera must be fully functional for evaluation purposes and must be provided by the Short Listed Bidder(s) complete as described below:	STATE:
3.18.3	The camera must be mounted on a portable photographic tripod that must be approximately 1.2 meter high.	STATE:
3.18.4	The camera must be fitted with a fully functional zoom lens for use at ranges from at least 10 meter to 500 meter or more.	STATE:
3.18.5	For the INK area public places surveillance project cameras are required to function up to 500 meter operational range. Bidder must set up a sample camera of 1080p full high definition standard with a vertical angle of view that will be able to zoom to such focal length that a 1.8 meter target at 500meter from the camera must fill the screen height at least 98%. This will equate nominally to a vertical angle of view of 0.2 degrees achieved by a lens of approximately 1000 mm focal length.	STATE:
3.18.6	Zoom Range: All visual light cameras that are supplied for target distances of 100 Meter and beyond shall zoom from a horizontal angle of view of at least 30degrees to an angle of view compliant to the maximum target range requirement. This is to enable short range surveillance on the same camera.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.18.7	This camera must be mounted on a pan tilt head as per specification with a pre-positioning accuracy of 0.02 degrees. The pan tilt head must be mounted on a transportable demonstration structure with adequate structural stability for the bidder to demonstrate performance according to specification. The demonstration camera must be connected to the viewing station with a wireless link. The camera control telemetry and video feed will both pass via the wireless link.	STATE:
3.18.8	The demonstration camera must be evaluated for all image quality parameters as well as for control loop latency. Offers where the control loop latency is beyond 220ms on this single link must be disqualified.	STATE:
3.18.9	Any required control system needed for camera configuration or camera use must be available, set up and ready to use with the camera.	STATE:
3.18.10	The sample must include a monitor that will exceed the camera performance and where performance deficiencies will not be ascribed by the bidder as deficiencies of the monitor.	STATE:
3.18.11	Power supplies to power the camera, bidder(s) monitor and associated equipment inclusive of the network equipment.	STATE:
3.18.12	The bidder(s) must provide all required interconnection cables necessary for the evaluation.	STATE:
3.18.13	The control electronics, possible required PTZ drives and related components must be neatly installed in equipment housing with all cables and wires required terminated in plugs and sockets. On site soldering delays will not be allowed.	STATE:
3.18.14	The efficiency of the bidder(s) to set up for demonstration and evaluation must be an evaluation of the capacity of the bidder to deliver on time and to specification.	STATE:
3.19	<u>ROLE AND FUNCTIONS OF BIDDER TECHNICAL REPRESENTATIVES:</u>	
3.19.1	Each bidder must have a maximum of two technically qualified technicians present to set up for evaluation.	STATE:
3.19.2	The technicians must demonstrate any required parameter as instructed by the evaluation team and must provide any required technical data needed for evaluation purposes.	STATE:
3.19.3	The technicians must in no way pass comment on the equipment of another bidder and must in no way attempt to discredit any other bidder.	STATE:
3.19.4	The technicians may be required to demonstrate maintenance and set-up procedures to confirm maintainability and support ability of the products on offer.	STATE:
3.19.5	Parameters to be evaluated: Parameters evaluated will in part be based on the parameters described in IEC 61146-part 1. Note that parameters are not measured to laboratory standards, but evaluation will systematically investigate performance guided by the IEC document as well as practical operational performance and implementation issues.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.19.6	The parameters to be evaluated and that the bidder will demonstrate when required will include but may not be limited to the following:	
3.19.6.1	Luminance Sensitivity.	STATE:
3.19.6.2	Luminance Resolution. (TV Line Resolution)	STATE:
3.19.6.3	Luminance Signal to noise ratio	STATE:
3.19.6.4	Luminance dynamic range.	STATE:
3.19.6.5	Colour reproduction.	STATE:
3.19.6.6	Linearity of luminance response	STATE:
3.19.6.7	Auto iris control response.	STATE:
3.19.6.8	Any other technical parameter that may impact operational suitability of the camera under evaluation.	STATE:
3.19.6.9	Pan and tilt control mechanism slow speed smoothness and maintainability.	STATE:
3.19.6.10	Digital processing induced latency.	STATE:
3.19.6.11	Simplicity and user friendliness of setup of camera functions and configuration	STATE:
3.19.7	Digital (Internet Protocol) cameras will be evaluated in the same evaluation process, and the performance will be judged against the quality of performance produced in the display.	STATE:
3.19.8	The SAPS will reject any camera for use where the SAPS find the camera unsuitable for use in the SAPS evaluation during the bid process or during quality assurance evaluation in project delivery.	STATE:
3.20	<u>SPECIFIC SYSTEM REQUIREMENTS:</u>	
3.20.1	The CCTV system must be fully developed to support the following operational process:	
3.20.1.1	The system must be optimised from end to end to serve its main purpose of transferring quality evidence from the crime scene to the court room.	STATE:
3.20.1.2	The functions of the SAPS include the prevention as well as the investigation of crime. This system must be optimised to serve both these objectives by empowering police to respond timely to prevent eminent crime, but also to deliver damning evidence in cases where crime could not be averted. Jointly these actions must enhance the safety of the community efficiently.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.21	<u>AUTOMATED OPERATIONS:</u>	
3.21.1	All cameras must deliver full rate and full resolution image streaming of near uncompressed quality	STATE:
3.21.2	All image streams must at all times be monitored by image and motion analysis software that will generate alarms when circumstances of operational interest occur in the image streams.	STATE:
3.21.3	The registration number plates of wanted vehicles being readable in the images streamed must result in an alarm that will bring this to the attention of the operators	STATE:
3.21.4	The system must also check all image streams for faces of wanted suspects as well as the faces of persons of interest	STATE:
3.21.5	This will occur with all cameras not under immediate control of operators while these cameras will be executing automated default patrol sequences of pan tilt zoom operations ensuring systematic optimization of surveillance coverage.	STATE:
3.21.6	The bidder must in the bid document present a development plan for software to generate alarm when image streams contain presence of firearms being handled or where scuffles are occurring.	STATE:
3.21.7	This software development plan must be offered as an option for SAPS to consider at a later stage when significant image data of incidents of this nature may be on record from surveillance gathered by the system.	STATE:
3.21.8	The bidder must during the period of support of the system provide expert advice to SAPS on the opportunities to enhance the system through new intelligent image and motion analytics. Par 15 of the General Conditions of Contract regarding new technology is highlighted in this regard.	STATE:
3.22	<u>MANUAL OPERATIONS:</u>	
3.22.1	Operators must have ergonomically optimised efficient control over cameras selected for targeted active surveillance of areas of interest.	STATE:
3.22.2	Camera selection and operation must be guided by a refined graphical user interface (GUI) that will be optimised to ensure that operators are efficiently oriented regarding the positions of cameras as well as the positions of incidents under surveillance.	STATE:
3.22.3	The system must have a facility to assist operators to plot the position of an incident under surveillance on a map in the GUI such that dispatch of response personnel will be simplified.	STATE:
3.22.4	Operators must have refined control over pan tilt and zoom of cameras. The control loop latency defined as the period starting when a control input such as a pan instruction is made in the control room until the resultant camera motion manifests in the associated image display in the control room. This control loop latency must not exceed 220 milliseconds.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.22.5	The bidder must in the response to this clause, indicate the control loop latency that he/she is willing to commit contractually, in writing and must indicate this offered control loop latency in the unit milliseconds.	STATE:
3.22.6	The control loop latency must apply to all camera parameters that can be controlled remotely and must include at least pan, tilt, zoom, iris, focus, camera selection or thermal angle of view selection and infrared light activation.	STATE:
3.22.7	All full rate image streams must be recorded at full quality and retained for a period determined by SAPS before automatically being written over by new data.	STATE:
3.22.8	All recordings that contain alarm conditions or selected and marked by operators as potential evidence must be transferred to an interim evidence archive.	STATE:
3.22.9	The interim evidence archive content must be reviewed by operators and specific evidence be further transferred to long term archive and off site backup storage. Clearing of storage space in the interim evidence archive will only be done when backup and long term archiving of evidence is confirmed and certified.	STATE:
3.22.10	Evidence replay versions must be provided by the system as data files with replay software embedded such that no special software will be required to replay evidence.	STATE:
3.22.11	The embedded replay software will also check and certify evidence as unedited versions of data as recorded by the system. This replay software will be optimised in terms of simplicity of use and must be the termination point of the system where evidence is presented in court.	STATE:
3.23	<u>CCTV OPERATOR GRAPHIC USER INTERFACE (GUI):</u>	
3.23.1	All users must access the system via a user friendly graphic user interface (GUI).	STATE:
3.23.2	The graphic user interface must be password protected and provide user priority level control.	STATE:
3.23.3	The GUI must clearly indicate all camera positions on a map of the area.	STATE:
3.23.4	Users must be able to select a camera for use with a single mouse click on the camera icon on the map.	STATE:
3.23.5	Image feed from a selected camera must immediately be displayed on a spot monitor at full native resolution and low latency on the desk of the operator that selected the camera.	STATE:
3.23.6	The operator must have immediate low latency control over the camera functions including pan, tilt, zoom and other image optimizing capability such as manual focus override, IR illumination control and any other such camera facilities available in the system.	STATE:
3.23.7	The GUI must have facilities to allow users access to instant replay of video footage to investigate recent events.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.23.8	The GUI must provide a time line display to enable users to navigate the database of video material in the system.	STATE:
3.23.9	The GUI must enable time synchronized replay of multiple cameras on one display or on the video wall to enable rapid analysis of events.	STATE:
3.23.10	The GUI must enable the user to create groups of cameras for selection based on logical selection of cameras such that groups of adjacent or related cameras can be selected for analysis freely throughout the complete system.	STATE:
3.23.11	The GUI must also serve as user interface to the various image analytic functions such as number plate recognition systems as well as facial recognition systems.	STATE:
3.23.12	The GUI must enable the user to build a database of number plates of vehicles and faces of persons that are to be identified by the system automatically.	STATE:
3.23.13	The user must be able to import the faces of wanted persons into the database of wanted faces that must be developed and maintained in the system.	STATE:
3.23.14	The GUI must provide access to and control over database mining facilities such as a capability to search for a face or vehicle number plate or an object on historic video data that was recorded prior to the identification of the face or number plate or object as being of interest to the police.	STATE:
3.24	<u>VIDEO WALL</u>	
3.24.1	The control room must be equipped with a video wall.	STATE:
3.24.2	The video wall must enable full native resolution view of cameras in use and must thus consist of display modules of at least 1920 x 1080 pixels (full high definition) resolution.	STATE:
3.24.3	The video wall modules used must be LED backlit DLP rear projection displays with no bezel.	STATE:
3.24.4	The video display wall image layout configuration must be flexible, allowing for operational customization.	STATE:
3.24.5	The video wall must be specifically developed for 24/7/365 application and designed for a life expectancy of at least 10 years.	STATE:
3.24.6	The video wall must auto calibrate white balance and brightness levels such that the display properties of the separate modules are matched even when repair and maintenance results in light sources with varying ages being used in the same video wall.	STATE:
3.24.7	The video wall controller must be fully redundant such that no single failure of equipment would render the full wall inoperable.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.24.8	The video wall must be at least 5 display modules high x 13 display modules wide of full high definition resolution each. The modules shall have an aspect ratio of 16x9. The display modules shall measure approximately 88cm diagonally.	STATE:
3.24.9	The video wall system must include a graphic user interface for video wall setup and control.	STATE:
3.24.10	The display wall modules must cover approximately 10.5 meter of the front wall of the control room.	STATE:
3.24.11	The display modules shall have no bezels.	STATE:
3.25	<u>SPECIFIC PUBLIC PLACES CAMERAS REQUIRED:</u>	
3.25.1	<u>CAMERA OUTDOOR 200 METER RANGE VISUAL AND INFRARED LIGHT CAPABLE:</u>	
3.25.1.1	The camera must be complete with PTZ head, capable of carrying both the camera as well as active IR illuminators	STATE:
3.25.1.2	PTZ must be capable of slow smooth operation with remote control engineered to enable tracking of a target. The camera must provide 100% Rotakin at 200 meter from the camera.	STATE:
3.25.1.3	The camera must deliver full high definition resolution (1920 by 1080) at an image rate of 25 images per second. The camera must deliver a full HD colour image during daylight hours and must deliver an HD monochrome image when light levels fall below colour performance levels.	STATE:
3.25.1.4	The camera must comply with general camera performance requirements. SAPS must only consider cameras that pass the SAPS camera practical evaluation. Please see the SAPS Camera Evaluation Process in this specification.	STATE:
3.26	<u>CAMERA OUTDOOR 500 METER RANGE VISUAL AND INFRARED LIGHT CAPABLE:</u>	
3.26.1	The camera must be complete with PTZ head, capable of carrying both the camera as well as active IR illuminators.	STATE:
3.26.2	PTZ must be capable of slow smooth operation with remote control engineered to enable tracking of a target. The camera must provide 100% Rotakin at 500 Meter from the camera.	STATE:
3.26.3	The camera must deliver full high definition resolution (1920 by 1080) at an image rate of 25 images per second. The camera must deliver a full HD colour image during daylight hours and must deliver an HD monochrome image when light levels fall below colour performance levels.	STATE:
3.26.4	The camera must comply with general camera performance requirements. SAPS must only consider cameras that pass the SAPS camera practical evaluation. Please see the SAPS Camera Evaluation Process in this specification paragraphs 2.22 and 2.23.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.27	<u>HIGH RESOLUTION STATIC CAMERA:</u>	
3.27.1	The camera must have a resolution of at least 8 mega pixel and must deliver an image rate of at least 6 images per second at full resolution.	STATE:
3.27.2	The camera must provide full colour reproduction in daylight and must provide a shutter speed consistent with a Rotakin motion smear level better than 6 on the Rotakin target at a scene illumination level of 250 lux.	STATE:
3.27.3	At a level below 250 lux the camera must switch to infrared sensitive monochrome mode and must be assisted by active infrared light illumination installed in the same environment such that full motion clear image capture continues even when all lighting other than the infrared lighting falls below workable level.	STATE:
3.27.4	These cameras must be installed static to monitor areas where crowds regularly occur at places such as railway stations, sites where taxis congregate, busy streets and the like. The purpose is to be able to record actions of persons in a crowd where live monitoring by operators is impeded by information overload.	STATE:
3.27.5	The camera must be fitted with a manual zoom lens covering angles of view from approximately 60 degrees to approximately 10 degrees horizontal.	STATE:
3.27.6	The camera must have an aspect ratio of 4/3 and must have a sensor size of such dimensions that the lens circle of confusion also known as disk of confusion, circle of indistinctness, blur circle, or blur spot must be smaller than a pixel.	STATE:
3.27.7	The lens must be of a quality equivalent to a high quality digital single lens reflex camera lens.	STATE:
3.27.8	The SAPS will test this camera with a Rotakin test target at 25% of image height and will require full Rotakin performance in daylight as well as in infrared assisted mode. Colour performance will be evaluated in daylight conditions.	STATE:
3.28	<u>THERMAL CAMERA REQUIREMENT:</u>	
3.28.1	A thermal camera is required that is able to switch between two viewing angles. The camera must switch between a wide viewing angle where the angle of viewing is selected to provide an overview of an area and a narrow angle of view enabling the user to inspect activities of persons at a longer range.	STATE:
3.28.2	There must be two versions of the thermal camera, one to operate at ranges up to 200 Meter and one to operate at ranges up to 500 Meter.	STATE:
3.28.3	For both thermal cameras the resolution at both viewing angles must be at least 640 x 480 pixels.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.28.4	The thermal cameras must all have Un-cooled sensors with a thermal sensitivity equal to or better than 50 m Kelvin. The thermal cameras must operate in the spectral range of approximately 8 to 15 μ m wavelength.	STATE:
3.28.5	The thermal cameras must deliver a frame rate of at least 12 frames per second and deliver IP image streams at least in both H264 and Mpeg compression, either one or both formats simultaneously.	STATE:
3.28.6	Must provide two angles of view with full sensor resolution of nominally 20 degrees and 5 degrees horizontal angle of view operator selectable.	STATE:
3.29	<u>AUTOMATIC NUMBER PLATE RECOGNITION AND VEHICLE MONITORING CAMERA:</u>	
3.29.1	<u>Operational requirement:</u> The installation purpose is to provide a record of all vehicles passing an entrance/exit from the SAPS station service area. The camera installation should provide a record of all vehicle registration plates, image of the vehicle to identify make and model as well as description of occupants, including recognition quality of faces exposed to the camera view.	STATE:
3.29.2	The camera installation must function in both daylight and at night.	STATE:
3.29.3	<u>Description:</u> The cameras must be at least 10 megapixels with a horizontal angle of view to cover the two lanes plus pavements of the road in one direction. The installation must be duplicated such that both directions of the road must be covered.	STATE:
3.29.4	The camera must be a day/night camera with monochrome functioning in low light.	STATE:
3.29.5	The camera must operate at 25 frames per second and must stream to the control centre. Image analytics must identify when vehicles are in view and only images including vehicles must be stored.	STATE:
3.29.6	The camera must be installed on a steel structure over the centreline of the road such that both lanes are covered with an effective frontal view of vehicles passing underneath.	STATE:
3.29.7	The optimal camera focus must be set at a distance of approximately 25 metres from the camera such that the camera angle of view will effectively cover also the face of the driver and other occupant of the front seats.	STATE:
3.29.8	The camera must have an aspect ratio of approximately 4/3.	STATE:
3.29.9	<u>Day time operation:</u>	
3.29.9.1	The camera must provide full colour images in daytime with a high sensor sensitivity such that a shutter speed above 1/1000 of a second is sustained in daylight overcast conditions. An estimated sensor sensitivity of higher than ISO 10 000 is required.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.29.10	<u>Low light and Night Time operation:</u>	
3.29.10.1	Whenever the daylight decays to the point where 1/1000 second shutter is no longer possible with existing light the system must switch to IR operation.	STATE:
3.29.11	There must be high power infrared illuminators installed with the camera on the same support structure. The power of the IR illuminators and camera IR sensitivity must be such that a shutter speed of at least 1/1000 second must be achieved in dark conditions.	STATE:
3.29.12	The camera and IR flash must be capable of 25 frames per second continuous duty operation.	STATE:
3.30	<u>WASHER WIPER SYSTEMS:</u>	
3.30.1	All cameras must be installed with washer and wiper systems.	STATE:
3.30.2	The washer and wiper systems must have water tanks with at least 20 litre capacity and water pumps and spray jets to clean the camera lens shielding glasses.	STATE:
3.30.3	The spray jets must deliver water with a pressure and volume similar to that of a motor vehicle windscreen washer.	STATE:
3.30.4	The washer and wiper systems must be controlled from the control centre.	STATE:
3.31	<u>CAMERA SITE TAMPER ALARMS:</u>	
3.31.1	Each camera pole must be fitted with tamper alarm sensors that will be installed in a manner that must reduce false alarms, but must alarm on a tampering attempt prior to damage occurring to the equipment.	STATE:
3.31.2	The tamper protection must consist of a physical barrier mounted at 4 meters from ground level around the camera pole and a sensor that must sense the presence of a person at or above the physical barrier.	STATE:
3.31.3	When a tamper alarm is activated the alarm must produce an audible and visual alarm in the control centre clearly indicating on a map the position of the camera installation where the alarm was activated.	STATE:
3.31.4	For the ANPR vehicle monitoring cameras the bidder must provide ruggedized installation with vandal and tamper resistant camera and equipment housing, including tamper alarm facilities.	STATE:
3.32	<u>IMAGE ANALYTICS AT THE CAMERA SITE:</u>	
3.32.1	The bidder must provide an image and video analytics capability that must be installed at the camera site that must provide the following software functions:	
3.32.1.1	Number plate identification.	STATE:
3.32.1.2	Facial recognition.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.32.1.3	<u>Target Tracking</u> : Automated control of the pan, tilt and zoom function based on image content such that automatic target tracking of a face, a person or a vehicle must be implemented to that extent that the image content enables such facility.	STATE:
3.32.1.4	<u>Fire Arm Detection and tracking</u> : The image analytics must contain a database of fire arm images and human postures and actions normally occurring during fire arm incidents. The system must automatically detect probable fire arm incidents and generate alarm in the control centre when such a potential incident is detected.	STATE:
3.32.2	The image analytics hardware at the camera site must be a local computer with processing power at least equivalent to a Core i7 system.	STATE:
3.33	<u>CAMERA TOWERS</u> :	
3.33.1	The majority of camera sites are equipped with installed camera towers of a height of approximately 9 metres. Where camera towers were installed but later removed and the tower bases are found serviceable at the time of site visit, the tower must be replaced with a tower of the same design as the original such that the base can be re-used.	STATE:
3.33.2	Where camera installations are required and there is no base or existing tower, the bidder must provide and install towers of the same functional specification as the existing towers in terms of tower height, rigidity and load capacity.	STATE:
3.33.3	During installation all ladders fitted to the existing towers must be removed and stored. In order to reduce risk of tampering, all camera installation and maintenance must be done with a cherry picker that must only visit a camera site when work is required.	STATE:
3.34	<u>PAN TILT HEADS</u> :	
3.34.1	All camera installations other than the specific special static cameras must be installed on high precision pan tilt heads of the following specification:	STATE:
3.34.2	The camera housing must have a sun shield spaced above the housing to reduce camera temperature during daylight. The sun shield must extend over the front window to protect the camera from direct sunlight without obstructing the camera view. This is applicable to all outdoor mounted cameras.	STATE:
3.34.3	The pan tilt head must be continuous rotation type with all camera connection cabling, video, focus and zoom control cables fed through the pan tilt head.	STATE:
3.34.4	The pan tilt head must have a pre-positioning accuracy of better than 0.02 degrees and must retain its pre-positioning accuracy over a period of at least five years of use at a duty cycle of at least 50%.	STATE:
3.34.5	The pan tilt camera assembly must be constructed such that the centre of gravity of the moving assembly must be within 30 mm from the rotational centre of the assembly. The camera must thus remain close to balance even when tilted close to 90 degrees up or down.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.34.6	The pan tilt head must have a payload rating of at least 20% higher than the maximum load installed on the head.	STATE:
3.34.7	The pan tilt head must use positional measurement of its mechanical output, and must thus provide pre and re-positioning of high accuracy independent of gear wear over a life expectancy of more than five years.	STATE:
3.34.8	The Bidder must quote for AC as well as DC powered versions or equivalents for each pan tilt head offered.	STATE:
3.35	<u>PUBLIC ADDRESS SYSTEM OPTION:</u>	
3.35.1	The bidder must provide a public address system option that will consist of the following:	STATE:
35.2	A Pole mounted unit that includes a weather resistant loudspeaker with an audio response flat to within 8 dB over the standard telecoms voice band of 300 Hz to 2.5 KHz to reproduce the voice of an operator in the control centre in cases where SAPS elects to make public announcements on the system.	STATE:
3.35.3	The pole mounted unit will have a minimum acoustic output of at least 83 dB Acoustic Sound Pressure Level at 50 meter from the unit with less than 10% distortion over the specified audio band.	STATE:
3.35.4	A control unit in the control centre to transmit voice to the pole mounted units consisting of a microphone and all other electronics to enable an operator to make announcements on a single or multiple pole mounted units.	STATE:
3.35.5	The system must be expandable to allow SAPS at any stage to expand the users to all operators in the control room when required. Initial installation must be a single operator station with the control room supervisor.	STATE:
3.36	<u>CHERRY PICKER TRAILER:</u>	
3.36.1	The successful bidder must provide one cherry picker mounted on a trailer that must be supplied to SAPS for use in the support of the system. The cherry picker trailer must be supplied and must be the property of SAPS for the use of SAPS personnel in the inspection of the installed system and must be in addition to any other such equipment that the bidder must have for his own use in the project.	STATE:
3.36.2	The cherry picker must reach the height of all cameras as well as all other systems installed on the camera towers.	STATE:
3.36.3	The cherry picker must carry a minimum of two persons with a weight of 110 Kg each safely up to full height of the equipment used in the system.	STATE:
3.36.4	Training must be provided to SAPS users of the cherry picker to the extent that users must be competent in the safe use of the cherry picker.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.36.5	The cherry picker operators will be assessed and certified competent to operate and be issued with an operator's license.	STATE:
3.37	<u>CCTV CONTROL ROOM SECURITY SYSTEM AND SURVEILLANCE:</u>	
3.37.1	The bidder must quote for the supply, delivery and installation of closed circuit television cameras for the surveillance of the CCTV control centre terrain, perimeter protection as well as security requirement inside the building. To this end the bidder must provide high resolution cameras at the building entry that must capture the facial details of each person entering the centre with adequate detail to ensure absolute identification of such visiting individuals. These cameras must have a minimum resolution of 5 megapixels and must cover the entrance doors at least from waist level up to the full door height.	STATE:
3.37.2	The bidder must survey the premises and the building during site visit and must submit in bid response a design with adequate cameras to cover the premises as well as the building internally.	STATE:
3.37.3	The offer must include security alarm facilities that must alert the control room operators and other staff at the control centre with a visitor alert when visitors enter via the normal entry route and with a trespass alarm when the perimeter of the centre is breached. The perimeter must be defined as the perimeter wall. On the site must be two PTZ cameras with day/night capability to track the movement of trespassers or visitors that deviate from a normal visitor route to the centre entry door.	STATE:
3.37.4	The bidder must also install biometric devices for access control at control centre	
3.38	<u>POLE AND TOWER REQUIREMENTS:</u>	
3.38.1	The successful bidder must supply and install a telecommunications tower with a minimum height of 48 meters placed adjacent to the server room/electronic equipment room at the control centre in Ntuzuma to carry the microwave antennas of the transmission network.	STATE:
3.38.2	It must be the responsibility of the successful bidder to obtain the services of a registered engineer to certify that the poles installed and masts built meets all structural, installation, and erection and safety requirements and to ensure that the maximum stability is achieved for secure and reliable microwave systems and camera operation including appropriate safety margin and site specific reserve capacity.	STATE:
3.38.3	The self-supporting tower quoted for must be self-supporting tapered tower type and not be held and secured in position with the aid of any guy cables.	STATE:
3.38.4	The mast must be a three leg construction for the total height of the mast and with angle iron side rails and bracing, designed in accordance with sound engineering practice by a suitably qualified professional structural engineer, and must be bolted together to facilitate erection in a confined space.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.38.5	The mast structure must be built entirely from angle iron with no tubular sections to ensure inspect-ability of all parts. This is required to ensure that corrosion of any part can be detected and treated to ensure long tower life.	STATE:
3.38.6	The tower structure must be designed for a life expectancy of at least 50 years.	STATE:
3.38.7	The complete mast including all bolts, nuts and straps must be hot dip galvanized according to SANS 32 of 1997 and SANS 121 of 2000.	STATE:
3.38.8	No dissimilar metals may be used for the mast.	STATE:
3.38.9	The mast must be provided with navigational lighting according to Civic Aviation Authority requirements.	STATE:
3.38.10	The mast must be supplied complete with a concrete foundation, earth installation and lighting protection of which details are furnished below. The successful bidder is required to visit the site and determine the required placement of the base as well as all required digging to be done. An adjacent old tower base may need to be removed. The bidder must quantify any cost implications in this regard and include such costs within the proposal.	STATE:
3.38.11	The mast must be able to accommodate at its top a total flat plate area of the antenna of not less than 20 square meters.	STATE:
3.38.12	The minimum wind load of the mast must be calculated in accordance with SANS 0160 of 1989. The tower structures must be suitable for installation anywhere in South Africa and must thus be designed for worst case South African weather conditions.	STATE:
3.38.13	The top of the mast must taper into a triangular top and be provided with a rod section of approximately 500 mm which must accommodate the bottom portion of a lighting terminal	STATE:
3.38.14	The mast foundation must be formed with a slightly higher level in the centre to prevent water from accumulating on the surface and must be laid with the base plate to accommodate bolts, all which the Successful bidder must supply and to which the mast must be secured.	STATE:
3.38.15	Earth rods must be copper-clad steel, solid copper, hot-dipped galvanized steel, or stainless steel. The rods must have minimum length of 2.5m and minimum diameter of 15cm.	STATE:
3.38.16	The method of bonding earthing conductors to earth rods must be compatible with the types of metals being bonded.	STATE:
3.38.17	Earth rods must be installed not more than 4.5 m apart (or twice the length of the rods) and not less than 1.8m apart.	STATE:
3.38.18	The earthing system must achieve a resistance of three (3) ohms or less on each site.	STATE:
3.38.19	Earth rods must be buried to a minimum depth of 0.75m	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.38.20	All external earthing conductors must be bare tinned or stranded 35mm square or larger copper ware.	STATE:
3.38.21	Earthing conductors must be run as short, straight, and smooth as possible, with the fewest possible number of bends and curves.	STATE:
3.38.22	Sharp bends must be avoided and a minimum bending radius of 20cm must be maintained.	STATE:
3.38.23	The tower must be encircled by an earthing ring at least 1m from the foundation.	STATE:
3.38.24	This earthing ring must be joined at least on the points using 35mm square minimum bare tinned copper conductor.	STATE:
3.38.25	Earthing ring must be installed at a depth of at least 75cm below the earth" surface and must consists of stranded tinned copper conductor not smaller than 35mm square.	STATE:
3.38.26	The top of the mast must taper into a triangular top and be provided with a rod section of approximately 500 mm which must accommodate the bottom portion of a lighting terminal.[No mast ending off into an open cut-off flat "section" will be accepted.]	STATE:
3.38.27	An air terminal must be supplied at the top of the mast which must be 15 mm in diameter and 3 000 mm in length.	STATE:
3.38.28	A copper down conductor must be securely attached to the air terminal either by means of bolt and nuts or by a chewed process and must run down the mast along one of the three legs to the ground level. The particular leg must be so selected that the distance between the leg and the earth terminal must be minimal.	STATE:
3.38.29	At the ground level the earth conductor must be securely attached to the earth terminal by means of proper size bolts and nuts.	STATE:
3.38.30	The earth down conductor must follow the shortest route from the top of the mast and sharp bends or any loops in the conductor must be avoided. The conductor must be securely attached to the mast leg by means of metal straps at interval not exceeding 500mm.	STATE:
3.38.31	A cable support structure must be installed flat and vertically in the centre of one of the three sides of the mast (the side facing the equipment building) from the top of the mast where the position of the highest antenna will be, down the mast to a position where it must meet with similar horizontal support structure between the mast and the building.	STATE:
3.38.32	The cable support structure must be securely attached to the mast at regular intervals by means of bolts and nuts. The cable support structure, bolts and nuts must all be galvanized to the same standard as the mast.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
3.38.33	A cable tray must be installed between the mast (meeting the cable support structure on the mast as called for above) and the equipment building to support all antenna feeder cables along this route. (Self- supporting- not touching the mast)	STATE:
3.38.34	The successful bidder must ensure that all cable trays are securely and sufficiently connected to the same site earth point.	STATE:
4.	<u>SUMMARY OF DELIVERABLES:</u>	
4.1	The project is a turnkey project and all deliverables tabulated must be provided and priced in the SCHEDULING OF ITEMS - APPENDIX A Part 1.	STATE:
4.2	The project is a turnkey project and where further items are necessary in the opinion of the bidder further to the items indicated in the table of deliverables, the bidder must offer such items but must provide comprehensive motivation as to the reason for such items. The items offered may not expand the functional scope of the project.	STATE:

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KWAMASHU CAMERS SITES:

Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Light PTZ	Visual	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
K1	MUSA RD/THOKOZA RD	29:44:31.3 S	31:00:04.9E	500 m	1		2	1	1	1
K2	MUSA RD/PHUMULA RD	29:44:31.4 S	30:59:46.1E	200 m	1		1	1		
K3	KHOLWA RD/PHUMULA RD	29:44:35.5 S	30:59:46.0 E	100m	1		1	1		
K4	JABULA RD/INTOKOZA	29:44:26.6 S	31:00:08.6 E	100m	1		1	1		
K5	JABULA RD-ISULUBASHA HOSTEL	29:44:54.7 S	30:59:55.9 E	150m	1		1	1		
K6	MUSA THEMBAHLILE RAILWAY STATION	29:44:34.1 S	30:59:37.7 E	100m	1		1	1		
K7	DUFFS ROAD STATION	29:44:32.5 S	31:00:14.1 E	300m	1		1	1	1	
K8	ROTARY STADIUM	29:44:40.7 S	31:00:07.0 E	150m	1		1	1	1	

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Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Light PTZ	Visual	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
K9	CWEBW RD/ABULA	29:44:32.9 S	31:00:01.1 E	100m	1		1	1		
K10	MUSA RD-A SECTION RAILWAY CROSSING	29:44:14.1 S	31:00:12.9 E	150m	1		1	1	1	
K11	SIYANDA RD/MALENDELA RD	29:45:32.6 S	30:58:11.6 E	500m	1		1		1	1
K12	SIYANDA RD-GATSHENI PRE-SCHOOL	29:45:34.4 S	30:57:57.9 E	100m	1			1		
K13		29:45:36.1 S	30:58:47.9 E	200m	1			1	1	
K14	SIYANDA RD-TIGERS TAVERN	29:44:30.1 S	30:59:33.7 E	500m	1		1			1
K15	MALANDELA RD-TEMBALILHLE RAILWAY STATION MALANDELA -OFF RAMP M 25	29:44:05.0 S	31:00:10.9 E	500m	1					1

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Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Light PTZ	Visual	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
K16	AMANZIMTOTI RD/ SIPHINGO RD RAILWAY POLICE STATION	29:45:05.2 S	30:58:33.7 E	300m	1		1			
K17	MALANDELA RD-NEW SHOPPING CENTRE	29:44:54.0 S	30:58:30.5 E	500m	1		1			1
K18	MALANDELA RD-NEW SHOPRITE SHOPPING CENTRE	29:45:01.2 S	30:58:21.4 E	300m	1		1			
K19	BHEJANE RD-CIRCLE P SECTION	29:44:48.8 S	30:58:09.9 E	500m	1					1
K20	MFOLOZI RD/ISIPINGO RD	29:45:19.0 S	30:58:45.5 E	300m	1			1		
K21	SIGWEGWE RD-AFRICA SUPERMARKET	29:45:24.7 S	30:59:17.1 E	200m	1			1		
K22	NTAKA RD/MZWILILI RD	29:45:24.9 S	30:57:35.8 E	300m	1			1		
K23	UMBANDO B-SECTION- JADU RD	29:44:56.9 S	30:59:42.1 E	300m	1			1		

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Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Light PTZ	Visual	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
K24	EKHAYA MULTI ART CENTRE	29:44:58.3 S	30:59:34.3 E	100m	1			1		
K25	E- SECTION SPORTS GROUND	29:44:16.3 S	30:59:39.0 E	300m	1				1	
K26	MPHINGELE RD/MTHOMBOTHI RD	29:45:03.5 S	30:57:28.9 E	500m	1			1		
K27	NDLONDLA DRIVE-METHODIST CHURCH	29:44:33.4 S	30:59:00.5 E	500m	1			1	1	
K28		29:44:09.7 S	30:58:53.3 E	500m	1		1			1
K29	BHEJANE ROAD-ENTRANCE/EXIT NEW MALL	29:44:32.15 S	30:58:16.13 E	500m	1		1			
K30	NYALA RD / UNDLONDLO RD / MKHIVANE RD	29:44:41.6 S	30:57:47.8 E	500m	1			1	1	
K31	MNCAKA RD-AT SOMIZI SUPPLY STORE	29:44:7.78 S	30:59:56.62 E	500m	1		1			1
K32	KWAMASHU E POLICE STATION / NTOMBELA RD									
K32	MALANDELA KU BP GARAGE	29:45:08.87 S	30:58:10.19 E	500m	1					1

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Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Light PTZ	Visual	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
K33	JABULA RD/ MBANDO RD(NO POLE)	29 45:00.10 S	30 59:49.6 E	200m	1		1	1		
K34	SIKHINDI RD/INGXOTHA RD	29 44 43.7 S	30:59:30.7 E	150m	1			1		
K35	MGOBOZI RD/BOLTS ON BASE DAMAGED)	29:44:19.50 S	30:59:09.8 E	200m	1			1		
K36	UNDLONDLO MALANDELA RD RD/	29:44:46.5 S	30:58:39.1 E	150m	1					
K37	DUMISANI MAKHAYE DRIVE / QUEEN NANDI INTERSECTION	29:45:18.93 S	30:59:33.12 E	500m	1		1		1	1
K38	BHEJANE RD (NEW COURT)	29:45:18.93 S	30 59 28.79 E	300m	1		2			1
K39	BHEJANE ROAD / NOGWAJA ROAD	29 43:40.55 S	30 59:19.08 E	500m	1			1	1	
K40	BHEJANE RD/BRIDGE CITY BOULEVARD	29 43:28.69 S	30 59 4 08 E	200m	1		1			1

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Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Light PTZ	Visual	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
K41	DUMASANI RD/LARK RD MAKHAYE	29 44 43 22 S	31:03:46 E	500m	1		2	1	1	1
K42	HUNSLETT RD	29:43:57 34 S	31:01:16 E	500m	1		1			1
K43	XOLANI RD-MENS HOSTEL	29:44:47 48 S	30:59:36 89E	500m	1		1		1	
K44	MUSA RD-THULA RD	29° 44' 27.74	30° 59' 52.83	100m	1		1		1	
K45	MALANDELA RD-QUEEN NANDI DRIVE	29:44:50.85 S	30:59:11 54 E	200m	1		1			1
K46	SIDIYA RD-HLAMBISA TAVERN	29 44 8.07 S	30 59:34.73 E	200m	1		1			1
K47	MALANDELA NTOMBELA RD	29:44:18 02 S	31:03:99 E	200m	1		1			1

89/1105 TR (22)

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Light PTZ	Visual	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	AMPR
K48	QUEEN NANDI DRIVE/AMANZIMTOTI RD	29:44:54.16 S	30:59:12.55 E	200m	1		1			1
K49	MALANDELA RD/MPANGELE RD	29:45:11.52 S	30:58:7.03 E	500m	1		1			
K50	M25/NTUZUMA OFF RAMP	29:43:22.98 S	30:59:5.78 E	150m	1		1			1
K51	LARK RD/SWAN RD	29:44:35.44 S	31:03:37.51 E	500m	1		1			
					51		36	26	12	13

90/105TR (22)

SPECIFICATION SAPS 32107/2022
TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

INANDA CAMERA SITES:

Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Visual Light PTZ	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
IN 1	NGALEKA AMAOTI NEAR NGALEKA'S TAVERN	29:40:40.9 S	30:59:34.7 E	300m	1			1	
IN 2	AMAOTI CUBA (2) STREET SIPHOSIWELA ROAD	29:40:24.6 S	30:59:46.1 E	200m	1	1	1		1
IN 3	NIGERIA TAXI RANK	29:40:15.2 S	30:59:58.8 E	300m	1	1		1	1
IN 4	ETIVENI TAXI RANK	29:40:45.4 S	30:59:47.6 E	300m	1			1	
IN 5	OHLANGE CASH AND CARRY	29:41:35.8 S	30:58:43.5 E	200m	1			1	
IN 6	BHAMBAYI ROAD -ANC YOUTH OFFICE	29:42:13.9 S	30:58:35.8 E	200m	1		1		
IN 7	BHAMBAYI ROAD OKHETHENI TUCK SHOP	29:42:17.9 S	30:58:25.0 E	300m	1		1		1
IN 8	NEWTOWN C SHELL GARAGE	29:42:38.5 S	30:58:24.5 E	300m	1	1		1	1

(22) 11/05/2022

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Visual Light PTZ	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
IN 9	NISANTSHA ROAD EZIMANGWENI	29:42:51.9 S	30:57:52.3 E	300m	1			1	
IN 10	KWAMKHZI TAXI RANK	29:42:55.3 S	30:58:08.0 E	300m	1	1			1
IN 11	DUBE VILLAGE MALL	29:42:27.0 S	30:58:11.6 E	300m	1	2		1	
IN 12	KING BHEKUZULU ROAD NEWTOWN A NEXT ENGEN GARAGE	29:42:54.2 S	30:56:14.9 E	200m	1			1	
IN 13	UMZINYATHI ROAD INANDA GLEBE	29:42:31.1 S	30:55:53.3 E	300m	1			1	
IN 14	DRYHOEK NEAR SOTOBE T/SHOP	29:41:22.0 S	30:56:00.6 E	300m	1			1	
IN 15	EMACHOBENI ROAD INANDA CIRCLE	29:41:52.0 S	30:56:30.0 E	300m	1			1	
IN 16	THWELENYE ROAD CURL DE SEC	29:40:36.8 S	30:55:14.7 E	200m	1			1	

92/105TR(22)

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Visual Light PTZ	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
IN 17	UMZINYATHI BRIDGE KWASEME	29:41:15.6 S	30:54:51.6 E	300m	1			1	
IN 18	EMAPLAZINI ROAD	29:42:54.5 S	30:55:33.8 E	200m	1			1	
IN 19	SIVAYA ROAD EMABLOCKSINI	29:42:53.1 S	30:57:07.1 E	300m	1			1	
IN 20	NEWTOWN B TAXI RANK INKOSI UMPANDE ROAD PHAPHAMA ROAD	29:42:34.6 S	30:57:17.0 E	300m	1	1		1	
IN 21	NHLUNGWANE ROAD NEAR MANDABA STORE	29:43:08.4 S	30:58:26.7 E	300m	1			1	
IN 22	NHLUNGWANE ROAD BY GETHI TARVEN	29:43:10.8 S	30:58:22.9 E	300m	1			1	
IN 23	AMAOTI L SECTION FIRST RATTAN NTOMBENHLE MAGWAZA WALK	29:41:21.9 S	30:58:18.7 E	300m	1	1		1	
IN 24	ANGOLA CATHUZA TUCK SHOP	29:41:01.2 S	30:58:55.0 E	300m	1			1	
IN 25	DUBE VILLAGE	29:42:11.9 S	30:57:45.8 E	300m	1			1	

93/105 TR (22)

SPECIFICATION SAPS 32107/2022
TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Visual Light PTZ	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
IN 26	OHLANGE ROBBOT M25	29:41:53.7 S	30:57:13.3 E	300m	1	1		1	1
IN 27	AFRICA BUS STOP M25 NEAR THE CRECHE	29:41:54.1 S	30:56:54.9 E	500m	1			1	
IN 28	STOP 8 M25 ROAD	29:41:56.2 S	30:56:30.88 E	300m	1			1	
IN 29	ITHENDELE DRIVE	29:42:48.96 S	30:54:59.72 E	300m	1			1	1
IN 30	EMACHOBENI CUL DE SAC	29:44:13.45 S	30:55:09.21 E	300m	1	1		1	
IN 31	INANDA SEMINARY SCHOOL	29:42:14.66 S	30:55:23.60 E	300m	1			1	
IN 32	EMAPLAZINI/SOWETO AREA INTAKA PLACE NEXT TO MRS AND IRI RESERVOIR	29:43:14.9 S	30:55:25.82 E	500m	1	1			
IN 33	ZWELITSHA NEAR BIG MAM SUPER STORE NEXT TO ZWELITSHA TAXI RANK	29:40:10.79 S	31:0:12.76 E	300m	1	1			

94/105 TR (22)

SPECIFICATION SAPS 32107/2022
TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

Site Number	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Visual Light PTZ	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
IN 34	AMATIKWE PAST TAXI RANK, INFRONT OF JOCK MANCI HOUSE NO. 38526	29:40:12.34 S	30:59:53.24 E	300m	1				
					34	12	3	27	7

(22) TR 105/95

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

NTUZUMA CAMERA SITES:

Site No	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Visual Light PTZ	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
N1	MBONDWE & SIBISI	29.44.05.1S	29.44.05.1S	200m	1	1			
N2	MTAPO HIGH GATE	29.44.27.0S	30.55.33.3E	300m	1			1	
N3	DALMANY TAXI RANK	29.43.15.3S	30.56.25.6E	200m	1	1		1	
N4	SPORTS GROUNDS	29.45.04.1S	30.56.34.0E	300m	1	1		1	
N5	NTUZUMA COURT	29.43.25.5S	30.57.47.3E	200m	1	1		1	
N6	NKANYAMBA & BHUNGANI	29.43.23.4S	30.58.52.2E	300m	1	1		1	
N7	M25 HIGHWAY ROBOT	29.43.22.6S	30.59.03.4E	100m	1		1	1	1
N8	NYALA ROAD KIMASHU	29.44.13.2S	30.58.25.8E	300m	1		1	1	
N9	MZUNGULU ROAD	29.45.00.8S	30.56.04.4E	100m	1	1		1	1
N10	MPANGELE ROAD	29.45.11.2S	30.56.57.8E	100m	1	1		1	1
N11	MANDISA TUCK SHOP	29.44.31.4S	30.57.02.1E	150m	1				
N12	NYALA AND SIBISI RD	29.43.58.2S	30.58.42.4E	300m	1	1		1	1
N13	ITHEDELE CELL	29.43.30.3S	30.57.30.6E	200m	1			1	
N14	ZIMENE GROUNDS	29.43.20.2S	30.56.46.80E	100m	1	1		1	
N15	BHOKO & MBONDWE	29.44.12.0S	30.57.41.9E	500m	1			1	1
N16	DALMANY/ITHEDELE BHEKIS	29.43.24.6S	30.55.27.0E	300m	1			1	
N17	DUKUZA STREET (EDAMINI AREA)	29.44.49.3S	30.55.36.9E	300m	1			1	
N18	SANDASONKE SCHOOL	29.45.34.0S	30.56.29.7E	500m	1			1	

(22) 96/105 TR

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

Site No	DESCRIPTION	Latitude (South)	Longitude (East)	Maximum Target Distance	Standard Visual Light PTZ	High Resolution Static 8Megapixel	Low Light PTZ on same head as standard	Thermal on same head as standard	ANPR
N19	KWANDLANZI ROAD	29:43:59.3S	30:55:38.6E	300m	1	1		1	
N20	IWAYINI & ASIZWANGA	29:43:32.5S	30:57:40.5E	200m	1			1	
N21	DALMANY ROAD	29:43:22.0S	30:55:55.1E	200m	1	2		1	
N22	ITHENDELE ROAD	29:43:31.2S	30:56:50.5E	100m	1	2		1	
N23	NTUTHWANE & NYOSI	29:43:40.5S	30:58:46.0E	200m	1			1	1
N24	THANGO & MAJANTE	29:43:32.8E	30:58:25.1E	200m	1	2		1	
N25	NTUZUMA ACCESS RD	29:43:14.3S	30:58:32.8E	100m	1			1	1
N26	KING BHEKUZULU RD	29:43:26.3S	30:57:13.6E	300m	1			1	1
N27	UXAMU ROAD	29:44:00.1S	30:55:58.9E	200m	1			1	
N28	NOGWAJA & MPANGELE	29:44:18.1S	30:56:04.8E	200m	1	1		1	
N29	NTUZUMA FIRE DEPT.	29:44:29.5S	30:55:55.1E	300m	1			1	
N30	KHANGELA ROAD	29:45:36.9S	30:56:46.4E	200m	1			1	
N31	NTUZUMA TRAINING	29:43:24.7S	30:57:44.5E	200m	1			1	
N32	THANGO & THANGO	29:43:25.0S	30:58:35.5E	200m	1	1		1	
N33	SITHOKOZILE SCHOOL	29:44:39.2S	30:56:17.9E	500m	1	1		1	
N34	NTUZUMA SAPS	29:44:02.4S	30:57:03.9E	300m	1			1	
N35	INGCEBO ROAD	29:44:14.0S	30:57:19.2E	100m	1				
N36	CONTROL ROOM NTZ	29:44:07.8S	30:56:58.4E						
	TOTAL CAMERAS				35	19	2	32	8

(22) 21/05/2022 LG

SPECIFICATION SAPS 32107/2022

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

**UNIVERSAL SPECIFICATION FOR PROVISION OF MAINTENANCE SERVICES
AND COMPONENTS FOR CLOSED CIRCUIT TELEVISION SYSTEMS**

SCOPE OF THE REQUIREMENT

This specification calls for the provision of maintenance services, components and accessories required for the maintenance and support of the product procured under the primary contract. This requirement also calls for provision of technical training to SAPS technical support personnel. After the warranty period of the procurement contract, SAPS requires goods and services to sustain effective maintenance and support for the minimum life expectancy of the system or product. The SAPS requires a contract for the provision of maintenance services and support components and accessories that will ensure that the SAPS investment in the procurement of the system delivers the effective functioning of the product over the full intended life cycle of the product.

The establishment of the procurement contract is thus dependent upon the availability and cost effectiveness of maintenance and support services, components and accessories over the planned life of the product. The SAPS thus reserves the right to reject any offer of a product where an acceptable and cost effective offer of maintenance and support services, components and accessories is not available at the time of evaluation.

This specification also calls for the provision of maintenance services, components and accessories for any electronic product offered for sale to the SAPS. Bidders are required to submit a comprehensive maintenance, support and components supply offer, including all components of the offered product, and to provide any component of the offered product to the SAPS for a minimum life cycle of the product of at least five years.

Bidders must be responsible for the delivery of the abovementioned maintenance and support services, components and accessories as outlined in this document to all identified SAPS units in Inanda, Ntuzuma and Kwamashu. For each project covered under the established contract, an inventory of items/ systems maintained must be compiled. The scope of items/systems in respect of which this bid invitation is issued will be attached. The requirement includes system expansion as and when required as SAPS needs evolve over the contract period within the service area of the system procured.

This requirement is for a five years (05) period after warrantee period. Note that quantities required by the SAPS cannot be guaranteed.

DOCUMENT FORMAT

This document is divided into four (4) subsections viz.

1. Bid Conditions,
2. General Requirements
3. Detailed Requirements
4. Appendixes

IMPORTANT NOTICE

Bidder attention is drawn to the bid conditions as specified in section 1 of this document and specifically to paragraph 1.1.

Bidder must strictly follow the guidelines specified in section 1, to ensure that the completion of the bid document complies in all aspects with the requirements of the SA Police Service.

Disregarding this notice and the guidelines as specified in section 1, will have the result that the SA Police Service will not consider and evaluate the bidder's offer.

Bidder are also requested to complete the documents and supply all information to the best of their ability as requested by the SA Police Service in this document.

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
1.	BID CONDITIONS	
1.1	COMPLETION OF BID DOCUMENTS	
1.1.1.	Bidder must explicitly state either "Comply" or "Do not Comply" regarding all the requirements outlined in this document, except where otherwise stated. Bidder must avoid terms such as "yes" , "no" , "noted" , "accepted" , "as specified" , "see attached letters" etc.	STATE:
1.1.2.	Whenever technical parameters are specified as requirements, bidder must state, besides the terms according to section 1.1 above, also the numerical value(s). Numerical values must be stated in the same units as the units of the technical parameters specified.	STATE:
1.1.3.	Bidder must make sure that the values specified are not in conflict with the values found in the technical documentation accompanying the bid reply.	STATE:
1.2.	ACCEPTANCE OF BID	
1.2.1.	The SA Police Service reserves the right to accept any bid, part of a bid or no bid at all. Bidder must state only against this clause either "Accepted" or "Not Accepted".	STATE:
1.3.	COMPLETENESS OF DOCUMENTATION RECEIVED BY THE BIDDER	
1.3.1.	The pages of this document are numbered in a consecutive numerical order.	STATE:
1.3.2.	It must be the bidder's responsibility to ensure that all pages of this document are received. In the event of any pages missing, any uncertainty regarding the completeness of this document, the bidder must contact the SA Police Service, strictly by e-mail for clarity in this regard. (See section 1.9.2 for e-mail address).	STATE:
1.4.	SCHEDULING OF ITEMS - APPENDIX A	
1.1.	The bid documents must include detailed lists of all items offered. All items that are included with the bidder's offer must be listed separately in an APPENDIX clearly labelled APPENDIX A - PART # 1, "Original parts of product". All items that are offered as an option(s) must be listed separately in another APPENDIX clearly labelled APPENDIX A - PART # 2, "Alternative equivalent parts for product".	STATE:
1.4.2.	These two appendices must be compiled by the bidder, in a table format with the following columns:	
1.4.2.1	Item number,	STATE:
1.4.2.2	Item name,	STATE:
1.4.2.3	Item description,	STATE:
1.4.2.4	Manufacturers name and part/code number of item,	STATE:

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
1.4.2.5	International ICN code if available,	STATE:
1.4.2.6	Quantity of the item needed to comply with specification,	STATE:
1.4.2.7	Item price including VAT, and	STATE:
1.4.2.8	Total price including VAT for total number of the item required in the project.	STATE:
1.5. TRACK RECORD - APPENDIX C		
1.5.1	In order to establish whether the bidder has a proven track record in this field, details of users in the RSA to whom the bidder have successfully supplied the services and equipment offered, must be submitted with the bid documents for verification by the SA Police Service.	STATE
1.5.2	The track record must be compiled by the bidder and labelled "Appendix C". The details of previous and current clients must include at least the following: a) Name of Client/Organization, b) Full Postal and Street Address, c) Telephone and Email address d) Contact Person, e) Type and quantity of equipment supplied, f) Date when contract was finally completed and equipment was handed to client, and g) Value of the contract in current Rand value.	STATE:
1.5.3	The bidder must clearly indicate against each previous contract with a client whether the equipment offered is exactly similar to the equipment called for in this specification or whether the equipment offered differs from the equipment called for and the extent of the difference.	STATE:
1.6. CONFIGURATION OF BID REPLY		
1.6.1	Offers submitted by a bidder must be neatly bound in a file folder, complete with an index page to enable the SA Police Service to ensure that all information was received. Offers submitted must include at least the following:	STATE:
1.6.2	The completed technical specification with the accompanying bid documents.	STATE:
1.6.3	Appendixes "A", "B" and "C" completed by the bidder.	STATE:
1.6.4	Appendix "A" part "1" and Appendix "A" part "2" Must also be submitted in soft copy in Microsoft Excel format in a version compatible with SAPS computer equipment.	STATE:
1.6.5	Detailed technical specifications of all components offered.	STATE:
1.6.6	All additions to the bid document i.e. Price list, Brochures etc. must be neatly bound in the file folder and these additions must be indicated on the index page as Appendices. Each additional document and/or list must be listed separately in the index.	STATE:

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
1.6.7.	Any loose pages or brochures submitted, not bound as stated above will not be accepted by the SA Police Service.	STATE:
1.6.8.	One (1) set of documentation detailed technical maintenance documentation for the product offered including a component parts list that will clearly cross reference with the components offered under this components supply bid.	STATE:
1.6.9	<p>In summary the bid response will include In addition to the completed specification at least the following:</p> <ul style="list-style-type: none"> a) Index page. b) Track record in this field. c) Appendixes "A", "B" and "C". d) In Appendix A the bidder must price all components of the equipment or system that is to be maintained under the contract such that SAPS can procure individual components in case of a force majeure event or any required system changes not covered by the routine maintenance that SAPS may require during the contract period. e) Soft copy in Microsoft Excel format of all pricing tables. f) The test methods and procedures. g) Structured maintenance program. h) Subcontractor's documentation, tax clearance, agreements and all further documentation as required. i) User manual samples. j) Inventory of critical components. k) Samples of the technical training material available for the product. 	STATE:
1.6.10.	<p>In price submission the bidder must ensure that at least all the following is included in the bid price:</p> <ul style="list-style-type: none"> a) Documentation including complete maintenance manuals. b) A structured maintenance and support service including a repair service for any faults including all spares required excluding only force majeure. c) Product specific technical training of technicians. d) User manuals for the equipment and complete systems that are maintained. e) User training the equipment or system. f) Remote assistance of users. g) Software updates and upgrades for the full contract period. h) Hardware upgrades required. 	STATE:
1.7.	ASSUMPTIONS MADE BY BIDDER	
1.7.1.	No assumptions must be made by bidder in their bid reply.	STATE:
1.7.2.	It must be the bidder's responsibility to obtain all information required to submit a comprehensive bid that makes provision for all requirements. In the event of any uncertainties regarding the interpretation of the requirements or specifications, the bidder must clarify such uncertainties with the SA Police Service.	STATE:

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
2.	GENERAL REQUIREMENTS	
2.1.	SCOPE OF THE REQUIREMENT	
2.1.1.	The bidder must maintain all items / systems in a functional state at all times	STATE:
2.1.1.1.	Equipment and systems down time must be minimized and must be controlled to ensure that such down time does not impact SAPS use of the equipment / systems in a material way.	STATE:
2.1.1.2.	The bidder must maintain and repair the equipment and systems within the classification as provided by SAPS. The SAPS will classify systems or faults in the following classes, and down time per equipment / system will be limited in accordance with the classification of the equipment.	STATE:
2.1.1.2.1.	Any fault that causes SAPS to lose the functioning of a system to such as degree that the system no longer satisfies its operational purpose must be classified as a mission critical fault and must be repaired within 4 hours after report of the fault is submitted to the bidder.	STATE:
2.1.1.2.2.	Any fault that causes SAPS to lose partial operational functioning of a system to such as degree that the system no longer fully satisfies its operational purpose must be classified as an operational fault and must be repaired within 24 hours after report of the fault is submitted to the bidder.	STATE:
2.1.1.2.3.	Any fault that causes SAPS to lose only non-operational functioning of a system to such as degree that the system still fully satisfies its operational purpose must be classified as a minor fault and must be repaired within 7 days after report of the fault is submitted to the bidder	STATE:
2.1.2.	The bidder must execute all required regular preventive maintenance activities as required to maintain the items / systems to functional condition according to the prescribed acceptance test procedure for the items / systems contracted to be maintained.	STATE:
1.3.	The bidder must keep stock of components and accessories as detailed in this document, comprising of all components of the electronic equipment maintained by the bidder to the SAPS such that all components required for the maintenance and repair of the supplied equipment can be provided from this stock of components	STATE:
2.1.4.	The bidder must monitor the components consumption and must replenish the stock of components such that the stock of components is maintained over the life cycle of the supported electronic equipment. Stock levels must be adjusted per item over the product life cycle according to consumption rate to ensure that out of stock conditions are minimized.	STATE:
2.1.4.1.	The bidder must ensure that all components required by SAPS are delivered within the periods as specified on 2.1., also in cases where the repairs are undertaken by SAPS internal technical staff.	STATE:
2.1.5.	The equipment to be maintained must be tested against standard formal test methods applicable to the equipment under maintenance and against the Acceptance Test Procedures developed for systems during the system build contract.	STATE:

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
2.1.6.	The bidder must correct any defect / fault within the contractually determined repair period and must demonstrate that the repair is completed by executing the normal standard equipment / system acceptance test procedure and recording test results. SAPS will oversee the testing at its discretion.	STATE:
2.2.	MAINTENANCE AND SUPPORT SERVICE CONCEPT.	
2.2.1.	The bidder must compile a structured maintenance program for the equipment/system to be maintained and must submit the program with the bid on or before the date and time of bid closure.	STATE:
2.2.2.	The structured maintenance program must consist of a manual of maintenance procedures to be executed for each sub system in the system to be maintained.	STATE:
2.2.3.	The bidder must provide a comprehensive library of documentation including complete maintenance manuals for each piece of equipment in the system as well as for the complete system.	STATE:
2.2.4.	The bidder must execute the regular maintenance program as scheduled in the structured maintenance program.	STATE:
2.2.5.	The bidder must identify the frequency of scheduled maintenance for each equipment item in the system, and must execute the scheduled maintenance as planned in the structure maintenance program.	STATE:
2.2.6.	As a minimum standard the bidder must execute a full systems acceptance test on the total system at least once every six months for the duration of the maintenance and support contract period. This test must for purposes of the contract be known as the Bi-Annual ATP.	STATE:
2.2.7.	The bidder must correct any defect detected during the bi-annual ATP as per repair period specified for faults reported by the SAPS in accordance with the fault classification as detailed in this specification.	STATE:
2.8	The bidder must thus provide a structured maintenance and support service with regular preventative maintenance on all items in the system and will provide a repair service for any faults that are identified in this process or that are identified and reported to the bidder by SAPS.	STATE:
2.2.9.	The bidder must equip any appropriately qualified technicians of SAPS that SAPS chooses to avail with all required product specific maintenance documentation and product specific training such that SAPS technicians will be able to continue the maintenance after the contract period or in the event of the bidder being unable to provide maintenance for any reason.	STATE:
2.2.10.	The documentation and training that is provided to SAPS internal technicians must in all ways be equal and the same to documentation and training that is provided to the employees of the bidder that are utilized for the maintenance to be provided. SAPS Technicians that are provided by SAPS will be appropriately qualified with an accredited National Diplomas in electronics.	STATE:
2.2.11.	Non-compliance to the above-mentioned delivery date will result in the enforcement of penalties in terms of General Conditions of Contract.	STATE:

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DESCRIPTION		COMPLY/DO NOT COMPLY
2.2.12	The bidder must identify all components that are mission critical for the maintenance of core functionality of the system and must ensure that mission critical components must be delivered on the day that it is ordered by SAPS.	STATE:
2.3.	DOCUMENTATION	
2.3.1	Detailed technical specification	
2.3.1.1	Detailed circuit diagrams and PC Board layouts.	STATE:
2.3.1.2	A detailed technical description of the operation of the equipment and systems to be maintained.	STATE:
3.1.3	A complete list of components, including manufacturers part numbers, component numbers and descriptions. International ICN codes for components must be included, if available.	STATE:
2.3.1.4	A recommended component parts list must be included by the bidder.	STATE:
2.4.	QUALITY AND STANDARDS	
2.4.1	All materials and equipment supplied on this contract must be new and the best of the respective kind.	STATE:
2.4.2	All materials and equipment supplied must fully comply with the requirements laid down in this specification and the latest editions of the relevant SABS, BS, CCITT, EIA, ISO, DIN and CISPR specifications or as otherwise specified.	STATE:
2.4.3	Apart from any other right which the SA Police Service may have in terms of the contract, it must have the right to set the standard and to accept or reject part of the specified equipment depending on the quality of materials and workmanship offered.	STATE:
2.4.4	The Bidder must be notified if the quality of material and/or workmanship is not acceptable. In such an event the Contractor must replace the specific part or repair it to the satisfaction of the SA Police Service.	STATE:
2.5.	INVOICING AND PACKAGING	
2.5.1	The successful bidder must itemize and describe, individually all accessories, equipment and documents on the relevant delivery notes and invoices when delivering / maintaining the equipment/ systems. No statement such as, "as per specification" will be accepted on a delivery note.	STATE:
2.5.2	These delivery notes must be delivered to an officer of the Technology Management Services Division of the SA Police Service by prior appointment.	STATE:
2.5.3	Each item must be packaged in its own single container.	STATE:

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
2.6.	WARRANTY	
2.6.1	All components and accessories, supplied by the bidder to the SA Police Service must be warranted in terms of GCC	STATE:
2.7.	REPAIRS UNDER WARRANTY	
2.7.1	All components replaced with new components in terms of this maintenance and support contract must carry a one year warranty as a new item.	STATE:
2.7.2	All items repaired under this maintenance and support contract must carry a 90 day warranty as a repaired component under this maintenance and support contract.	STATE:
3.	SUB-CONTRACTORS	
2.8.1	Bidder are allowed to make use of subcontractors. Name(s) of subcontractors used for this bid must be submitted to the SA Police Service and must be submitted in the bid.	STATE:
2.8.2	The SA Police Service will not deal with the subcontractors, but only with the bidder. The bid accountability will stay with the bidder and cannot be allocated to the subcontractor. The SA Police Service will hold the bidder accountable for any delays, non-compliance, etc. on the subcontractor's part.	STATE:
2.8.3	The subcontractor is bound by the same requirements as the bidder. The Subcontractor must also comply with all the requirements of this document.	STATE:
2.9.	TRAINING	
	The following training must be provided by the successful bidder:	
2.9.1	A Detailed technical training must be provided for selected technical personnel of the SA Police Service, at an SAPS training facility or a convenient and suitable location at the cost of the successful bidder.	STATE:
2.9.2	The type of training that will be offered to SAPS technicians must be the same as the technical training that was offered to the successful bidder qualified technicians.	STATE:
2.9.3	The bidder must declare and submit samples of any training material available for the product offered to the SAPS.	STATE:
2.9.4	Cost of any training or relevant material offered must be specified by the bidder and included in the bid price and stated in Appendix A scheduling of items.	STATE:

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AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
2.9.5	The training course must cover the following curriculum in modular / outcome based format.	STATE:
a)	Block diagrams for fault -finding and installation.	
b)	Basic fault finding to module level.	
c)	Common faults.	
d)	Assembly & disassembly of the equipment/system.	
e)	Software settings and alignment.	
f)	Operation and testing.	
g)	Installation	
h)	Certification of competence of trainees.	
9.6	Trainees shall be assessed on completion of training and competency certificates issued where trainees are found competent.	STATE
2.10.	TRAINING OF USERS:	
2.10.1	The bidder must provide user manuals for the equipment to be maintained and supported.	STATE:
2.10.2	The bidder must present user training on any equipment or system where the system complexity is such that mere scrutiny of the user manual does not enable effective use by the users.	STATE:
2.10.3	The bidder must provide remote assistance of users in use of the equipment by means of a telephonic service that provides access to equipment and systems experts skilled in the use of the equipment or systems supported.	STATE:
2.10.4	The user training and support must be provided in the English language.	STATE:
2.10.5	User manual samples must be submitted with the bid on or before the date and time of bid closure.	STATE:
2.11.	COMPONENTS HOLDING REQUIREMENT	
2.11.1	The bidder must keep a buffer stock of components adequate to ensure that the maintenance and support of the system in accordance with the specification is achievable.	STATE:
2.11.2	The bidder must identify critical components of the system and provide to SAPS an inventory of critical components kept in stock in order to enable support of the mission critical systems in accordance with the specification.	STATE:
2.11.3	The bidder must facilitate inspections of these components bi-annually to follow the bi-annual ATP.	STATE:

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AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
2.12.	RECORDS TO BE KEPT	
2.12.1	For each component part, the price as offered in the bid, the replenishment price as determined at last requirement, and the number and dates of consumption a record must be kept.	STATE:
2.13	BIDDING	
2.13.1	The bidder must quote in the bid reply a profit margin for the management of the stock of components.	STATE:
2.13.2	The bidder must quote the prices of components as available on date of the bid reply, including the margin and all taxes and duties.	STATE:

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

DESCRIPTION		COMPLY/DO NOT COMPLY
3.	DETAILED REQUIREMENT	
3.1	The bidder must compile a price schedule covering the following categories of items that may be required in the maintenance and support and utilization of the product that the bidder is offering to the SAPS.	STATE:
3.1.1	Components for the product supplied to SAPS:	
3.1.1.1	The bidder must provide all components of the product that could potentially be replaced in any repair process. This would include all modules, all mechanical components including casings and all components that could be unplugged or desoldered from PC boards.	STATE:
3.1.2	Programming and support software for the product supplied to SAPS:	
3.1.2.1	The bidder must provide all software components required for programming / configuration or fault finding of the product. These software components must be fully functional and must enable SAPS software access for programming and support of the equipment for the full life expectancy of the equipment.	STATE:
3.1.3	Programming and support hardware for the product supplied to SAPS:	
3.1.3.1	The bidder must provide all programming and support hardware available for the offered product such as programming interfaces, cables and test and measurement interfaces required to test the product in a service or test laboratory environment.	STATE:
3.1.4	Accessories for the product supplied to SAPS:	
3.1.4.1	The bidder must provide a comprehensive set of user accessories as defined in the specific SAPS requirement specification.	STATE:
3.1.5	Alternative components for the product supplied to SAPS:	
3.1.5.1	The bidder must provide all alternative components such as alternative battery technologies available, alternative equivalent components where original components are substituted or where equipment modifications or upgrades are available.	STATE:
3.1.5.2	Alternative Accessories for the product supplied to SAPS.	STATE:
3.1.5.3	Training Services for the training of support technicians for the product supplied to SAPS.	STATE:
3.1.5.4	Training materials for the training of support technicians for the product supplied to SAPS.	STATE:
3.1.5.5	The bidder must provide all software upgrades available for the products/systems offered to SAPS for the full period of the maintenance and support contract.	STATE:
3.1.5.6	The bidder must provide all hardware upgrades required for the system to be kept current for the full contract period.	STATE:

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

APPENDIX A - PART 1 Services"

PRICING SCHEDULE.

All pricing quoted must include VAT and must be the full price for the service in full compliance to specification.

MAINTENANCE SUPPORT SERVICES

Item No	Description	Price per month.	Price for full contract period of 24 months.
1	Complete System maintenance and support as detailed in the specification, including all components consumed in routine maintenance.		

TRAINING SERVICES

No	Description	Price per unit	Total price
2	Technical Product Specific training for two technicians per training intervention as detailed in clause 2.12 and all sub clauses of clause 2.12 to 2.12.5. as well as clauses 2.4.9 and 2.4.10 A unit priced must be per student.		
3	User training as detailed in clause 3.5 and all sub clauses of clause 3.5 The training must be for groups of 5 to 10 students per intervention and the bidder must only quote in the price per unit column a cost per student. The SAPS reserves the right to order quantities as per need at any time during the contract period.		

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

SCHEDULING OF ITEMS - APPENDIX A Part 1 :

TABLE OF CONTRACT DELIVERABLES: SYSTEM ESTABLISHMENT.

The purpose of the table of contract deliverables is to provide a standard structure for bidder within which offered items can be arranged. The table is not intended to represent all required items as individual bidder may follow subtle different approaches in design. It is the responsibility of the bidder to submit a comprehensive bid for a system that must be complete and fully functional.

Bidder are thus required to expand the table of deliverables in accordance with the specific detail necessary of components required within their offered designs such that the bidder will offer a complete fully compliant and fully functional system. For each deliverable called for in the table below the bidder must submit a comprehensive breakdown indicating all necessary parts and all options utilized in the design submitted in offer.

The bidder must insert a line or lines directly below each item in which all associated costs such as configuration, installation and commissioning costs will be indicated.

The total of the column "Total Price Including VAT must be equal to the total bid price for the project.

The total bid price must be the final cost of the project. Bidder must include all items required to deliver a system fully compliant to specification with all required facilities implemented. Only items indicated clearly in the bid invitation as optional must be excluded from the final price. All other items must be included as mandatory requirements.

It is mandatory that all optional items be offered. The optional items are only optional in the sense that SAPS will have the option to decide on implementation of the options after evaluation of the bid and the options offered or at any stage in the project.

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Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in project in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for items other than optional items.	Total Price inclusive of VAT for the optional items.
1	Cameras and associated electronics with all installation hardware.								
1.1	Cameras /Night with IR capability.	Day							
1.2	Cameras Night vision Low Light.								
1.3	Cameras high resolution static 8 Megapixel Minimum.								
1.4	Cameras Thermal Imager.								

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Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in project in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for items other than optional items.	Total Price inclusive of VAT for the optional items.
1.5	Camera Housings.								
1.6	Lenses.								
1.7	Camera Control Telemetry								
1.8	Infrared Illumination								
1.9	Washer systems Wiper								

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**SPECIFICATION SAPS 32107/2022
TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)**

Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in project in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for other items other than optional items.	Total Price inclusive of VAT for the optional items.
1.10	Pan Tilt Heads								
1.11	Tamper Detection Alarm sensors								
1.12	Housing for electronics								
1.13	Cabling.								
1.14	Security measures: Locks for electronic and mechanical devices at camera sites.								

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TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)**

Number	Name	Item description	Manufacturers name part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in order to implement the optional facilities.	Item price including VAT.	Total Price Inclusive of VAT for items other than optional items.	Total Price Inclusive of VAT for the optional items.
1.15	½ Hour Battery Backup facilities.								
1.16	Optional 8 Hour Battery Backup facilities.								
1.17	Camera site masts where not existing.								
2	Transmission Network complete								
2.1	Microwave Radios								

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

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Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for items other than optional items.	Total Price inclusive of VAT for the optional items.
2.2	Network Switches								
2.3	Network Related Power Supply Equipment.								
3	Video Display wall.								
3.1	Video Display modules.								
3.2	Video Wall Mounting or support structures								

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

SPECIFICATION SAPS 32107/2022

Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in project in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for items other than optional items.	Total Price inclusive of VAT for the optional items.
3.3	Video Wall Control System								
4	CCTV operator workstations.								
4.1	Operator Display.								
4.2	Device for camera control joystick or trackball.								
4.2	Operator Software.								

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

SPECIFICATION SAPS 32107/2022

Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in project in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for items other than optional items.	Total Price inclusive of VAT for the optional items.
5	Video Storage System.								
5.1	Video Storage Servers.								
5.2	Video Storage Hard Drives								
6	Evidence reproduction system.								
7	Software.								
7.1	Graphic User Interface CCTV system operation software.								

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Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in project in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for items other than optional items.	Total Price inclusive of VAT for the optional items.
7.2	Image analytics.								
7.3	SCADA network management.								
8.	Video Display Systems								
8.1	Video Wall								
8.1.1	Video Wall Display Modules.								
8.1.2	Video Wall Control System.								
9	Services								
9.1	Training of system users								
9.1.1	Psychometric Evaluation Service for selection of CCTV operators.								

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TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for items other than optional items.	Total Price inclusive of VAT for the optional items.
9.1.2	Training of CCTV operators.								
9.1.3	Training of system supervisors.								
9.1.4	Training of SAPS Technicians.								
10	Documentation								
10.1	As Built documents for the complete system.								
10.2	Technical and maintenance documentation.								
10.2.1	Complete technical manuals all items used in the system.								

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**SPECIFICATION SAPS 32107/2022
TELEVISION (CCTV) IN PUBLIC PLACES IN INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)**

Number	Name	Item description	Manufacturers name and part/code number of item	International ICN code	Quantity of item required in the project.	Quantity of optional item required in order to implement the optional facilities.	Item price including VAT.	Total Price inclusive of VAT for other optional items.	Total Price inclusive of VAT for the optional items.
10.3	Training manuals for operator training.								
11	Complete Microwave Solution								
11.1	Microwave radios								
11.2	Power supply for microwave.								
11.3	Mounting hardware for microwave.								

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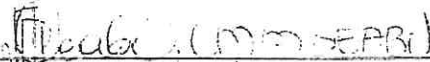
SPECIFICATION SAPS 32107/2022

TECHNICAL SPECIFICATION FOR SUPPLY, DELIVERY, INSTALLATION, TESTING, TRAINING
AND COMMISSIONING OF CLOSED CIRCUIT TELEVISION (CCTV) IN PUBLIC PLACES IN
INANDA, NTUZUMA AND KWAMASHU (KWAZULU NATAL PROVINCE)

SPECIFICATION APPROVAL PAGE:

End User Approval

Division Technology Management Services: Radio Communication Infrastructure Management

 (M M EPR) Brigadier General
Date: 2023/01/13

THE NATIONAL TREASURY

Republic of South Africa



GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT

July 2010

122 / 105 TR (22)

GOVERNMENT PROCUREMENT
GENERAL CONDITIONS OF CONTRACT
July 2010

NOTES

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government.

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

- The General Conditions of Contract will form part of all bid documents and may not be amended.
- Special Conditions of Contract (SCC) relevant to a specific bid, should be compiled separately for every bid (if applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

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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
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10. Delivery and documents
11. Insurance
12. Transportation
13. Incidental services
14. Spare parts
15. Warranty
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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
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30. Applicable law
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32. Taxes and duties
33. National Industrial Participation Programme (NIPP)
34. Prohibition of restrictive practices

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General Conditions of Contract

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 contractual obligations.
 - 1.4 "Corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.
 - 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
 - 1.6 "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
 - 1.7 "Day" means calendar day.
 - 1.8 "Delivery" means delivery in compliance of the conditions of the contract or order.
 - 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.
 - 1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
 - 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the

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RSA.

- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 "Project site," where applicable, means the place indicated in bidding documents.
- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such

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obligations of the supplier covered under the contract.

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

2. Application

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

4. Standards

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

5. Use of contract documents and information; inspection.

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

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7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in 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 organization acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or

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analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.

- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. Packing

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

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

11. Insurance

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

12. Transportation

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

13. Incidental services

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
 - (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;

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- (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
- (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.

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

14. Spare parts

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

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

15. Warranty

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and 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 twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

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

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

15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take

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such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

16. Payment

- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
- 16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
- 16.4 Payment will be made in Rand unless otherwise stipulated in SCC.

17. Prices

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

18. Contract amendments

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

19. Assignment

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

20. Subcontracts

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

21. Delays in the supplier's performance

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the

supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.

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

21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

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

23. Termination for default

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

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

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

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

23.4 If a purchaser intends imposing a restriction on a supplier or any

person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.

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

23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:

- (i) the name and address of the supplier and / or person restricted by the purchaser;
- (ii) the date of commencement of the restriction
- (iii) the period of restriction; and
- (iv) the reasons for the restriction.

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

23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

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

may be due to him

25. Force Majeure

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

26. Termination for insolvency

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

27. Settlement of Disputes

- 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
- 27.5 Notwithstanding any reference to mediation and/or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
 - (b) the purchaser shall pay the supplier any monies due the supplier.

28. Limitation of liability

- 28.1 Except in cases of criminal negligence or willful 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 SCC.
- 31. Notices** 31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice
- 31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.
- 32. Taxes and duties** 32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.
- 33. National Industrial Participation (NIP) Programme** 33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.
- 34 Prohibition of Restrictive practices** 34.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
- 34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.

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- 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 ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

Js General Conditions of Contract (revised July 2010)

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CERTIFICATION

I THE UNDERSIGNED (FULL SURNAME)

TAKE NOTE OF THE CONTENTS OF GENERAL CONDITIONS OF CONTRACT
(GCC), SPECIAL CONDITION OF CONTRACT (SCC) AND SPECIFICATION AND
WILL ABIDE BY THEM.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

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