

**SBM 39/24/25**

Munisipale Kantoor  
Privaatsak X12  
VREDENBURG, 7380  
Tel. No.(022) 701-7113  
Faks No.(022) 715-1304



Municipal Offices  
Private Bag X12  
VREDENBURG, 7380  
Tel. No.(022) 701-7113  
Fax No.(022) 715-1304

**TENDER DOCUMENT**

<b>TENDER NUMBER</b>	SBM 39/24/25
<b>TENDER DESCRIPTION</b>	SUPPLY, DELIVERY, INSTALLATION, AND MAINTENANCE OF CCTV AND ACCESS CONTROL EQUIPMENT FOR SALDANHA BAY MUNICIPALITY FOR THE PERIOD ENDING 30 JUNE 2028.
<b>NAME OF TENDERER</b>	
<b>BUSINESS ADDRESS</b>	
<b>TELEPHONE NUMBER</b>	
<b>CSD NUMBER</b>	

**SUBMISSION DETAILS:**

<b>ADDRESS</b>	TENDER BOX, GROUND FLOOR, INVESTMENT CENTRE, 15 MAIN ROAD, VREDENBURG		
<b>CLOSING DATE</b>	12 DECEMBER 2025	<b>CLOSING TIME</b>	12H00

The document, fully completed in all respects, together with any returnable and additional, supporting documentation required, must be submitted in a sealed envelope with the name and address of the tenderer, the project number and description and the closing date and time indicated on the envelope. The sealed envelopes must be inserted into the appropriate official tender box before the closing date and time.

All bids must be submitted on the official bid documents issued by SBM for this bid and not be re-typed.

Do not dismember this Tender Document (do not take it apart or put documents between its pages) and all other documents of the submission must be attached to this Tender Document.

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

**Department: Supply Chain Management**

Contact Person: Rosaire Farmer  
Tel: 022 701 6945  
Email: [rosaire.farmer@sbm.gov.za](mailto:rosaire.farmer@sbm.gov.za)

**ANY ENQUIRIES REGARDING TECHNICAL INFORMATION / SPECIFICATIONS  
MAY BE DIRECTED TO:**

Contact Person: Nolan Lategan  
Tel: 022 701 6856  
Email: [nolan.lategan@sbm.gov.za](mailto:nolan.lategan@sbm.gov.za)

**INSTRUCTION: HANDLING OF TENDER DOCUMENT**

Tenders must be properly received and deposited in the above-mentioned tender box on or before the closing date and before the closing time. No late tender offers will be accepted under any circumstances. Tender offers must be submitted in a sealed envelope properly marked in terms of the tender number and tender description as indicated above. If the tender offer is too large to fit into the abovementioned box, please enquire at the public counter opposite the tender boxes for assistance. No tender offers will be accepted via facsimile, email or electronic copies.

All bids must be submitted on the official bid documents issued by SBM for this bid and not be re-typed.

Do not dismember this Tender Document (do not take it apart or put documents between its pages) and all other documents of the submission must be attached to this Tender Document.

Tenders generated from e-Tender:

**E-TENDER DECLARATION**

**It is compulsory to confirm "Yes" or "No" on all line items** **Yes/No**

The original document collected from the Municipality must be submitted or, if documents are printed from the e-tender website, the original, printed document must be submitted, clearly reflecting all writing and signatures in black ink. Copied documents where the writing and signatures is unclear and/or copied will render the tender non-responsive.	
Print the tender document with a quality printer. If the wording is unclear, the document will be discarded.	
Printed documents must be bound securely according to page numbers to prevent pages getting lost. Missing pages will render the tender non-responsive. Do not staple the pages together.	
The Price Schedule and All Annexures with compulsory attachments must be bind to the back of the document.	
No alterations of the document will be accepted. Any alterations will disqualify the tender.	
Print the Tender document on both sides to save paper and for standardisation.	

**It is compulsory to comply and sign below if the tenderer agrees to the requirements above.**

I accept and approve all of the above.

\_\_\_\_\_

SIGNATURE OF TENDERER

**CHECKLIST**

Please ensure that you have included all the documents listed below and submit it with your tender document as well as ensure that you adhere to the listed requirements. This will ensure that your tender is not deemed to be non-responsive and disqualified.

PLEASE TICK BOX ON THE LEFT

- Identity Documents of all those with equity ownership in the organization. In the case of a company please include only those ID documents of the Directors with equity ownership.
- Company registration forms.
- Certified copy of director/s municipal account/s.
- Registration with professional body (If applicable).
- Samples Provided (If applicable).
- All relevant sections complete and signed and all pages of tender document initialled by authorized signatory.
- Proof attached that signatory is duly authorized to enter into contractual agreement with Saldanha Bay Municipality on behalf of the organization.
- Original or Originally Certified copy of a valid SANAS approved B-BBEE certificate or a valid B-BBEE affidavit.
- Proof for claiming points for locality as required in MBD 6.1.
- Tax-compliant status on CSD.

**DECLARATION**

I declare that all relevant documentations have been included with the bid document and all the tender conditions have been adhered to.

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Capacity: \_\_\_\_\_

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**PART A: INVITATION AND GENERAL INSTRUCTION**

**1. ADVERTISEMENT**

**SALDANHABAAI MUNISIPALITEIT**

**TENDER NOMMER: SBM 39/24/25**

**TENDER BESKRYWING: VOORSIENING, LEWERING, INSTALLASIE EN ONDERHOUD VAN "CCTV" TOERUSTING EN TOEGANGSBEHEER TOERUSTING VIR SALDANHABAAI MUNISIPALITEIT VIR DIE PERIODE WAT EINDIG 30 JUNIE 2028.**

Tender dokumente is beskikbaar om afgelaai te word op die e-Tender publikasie webtuiste [www.etenders.gov.za](http://www.etenders.gov.za) of kan alternatiewelik verkry word by Mev. Rosaire Farmer, Hoofstraat 15, Beleggingsentrum, Vredenburg vanaf **Maandag, 17 November 2025**

Indien tenders verkry word, moet 'n nie-terugbetaalbare tender deposito van R295.00 betaal word aan Saldanhabaai Munisipaliteit. 'n Bewys van betaling moet aangebied word vir die verkryging van tender dokumente.

**Navrae:** Nolan Lategan

**E-pos:** [nolan.lategan@sbm.gov.za](mailto:nolan.lategan@sbm.gov.za)

Tenders moet in die tenderbus by die Beleggingsentrum, Hoofstraat 15, Vredenburg ingedien word **voor 12H00 op Vrydag, 12 Desember 2025** en moet in 'n geseëde koevert wees waarop daar aan die buitekant duidelik gemerk is die bovermelde tender nommer en beskrywing.

Na die sluitingsuur sal die tenders in die publiek oopgemaak word. Enige of die laagste tender sal nie noodwendig aanvaar word nie.

'n Verpligte inligtingsessie sal plaasvind by die Verkeers Departement, geleë te hoek van Frank en Sterlingstraat, Vredenburg op **Woensdag, 26 November 2025 stiptelik om 12H00. Geen gracie periode sal toegelaat word nie.**

Die 80/20 voorkeur-puntestelsel soos vervat in die Voorkeur Verkrygings Beleid, R8/5-25, van 29 Mei 2025 sal in die beoordeling van hierdie tender gebruik word.

'n Geldige inkomstebelasting uitklaringsertifikaat, soos uitgereik deur die Suid-Afrikaanse Inkomstediens, moet tesame met die tender dokument ingehandig word en die tenderaar moet voldoen aan die belastingvoorwaardes op die Sentrale Verskaffers Databasis (CSD).

Mnr. H. Mettler  
MUNISIPALE BESTUURDER  
Saldanhabaai Munisipaliteit  
Privaatsak X12  
VREDENBURG  
7380

**SALDANHA BAY MUNICIPALITY**

**TENDER NUMBER: SBM 39/24/25**

**TENDER DESCRIPTION: SUPPLY, DELIVERY, INSTALLATION, AND MAINTENANCE OF CCTV AND ACCESS CONTROL EQUIPMENT FOR SALDANHA BAY MUNICIPALITY FOR THE PERIOD ENDING 30 JUNE 2028.**

Tender documents can be downloaded from the e-Tender publication portal at [www.etenders.gov.za](http://www.etenders.gov.za) or alternatively can be collected from Mrs. Rosaire Farmer, 15 Main Road, Investment Centre, Vredenburg from **Monday, 17 November 2025.**

If tenders are collected, a non-refundable tender deposit of R295.00 is payable to Saldanha Bay Municipality. A proof of deposit is required for the collection of tender documents.

**Enquiries:** Nolan Lategan

**Email:** [nolan.lategan@sbm.gov.za](mailto:nolan.lategan@sbm.gov.za)

Tenders must be placed in the tender box at the Investment Centre, Ground Floor, 15 Main Road, Vredenburg, **before 12H00 on Friday, 12 December 2025**, in a sealed envelope upon the outside whereon is clearly marked the above-mentioned tender number and description.

The tenders shall be opened in the public after the closing hour. Any or the lowest tender will not necessarily be accepted.

A compulsory information session will take place at the Traffic Department, situated at corner of Frank and Sterling Street, Vredenburg on **Wednesday, 26 November 2025 promptly at 12H00. No grace period will be allowed.**

The 80/20 preference point system as contained in the Preferential Procurement Policy, R8/5-25, of 29 May 2025 will be used in the adjudication of this tender.

A valid tax clearance certificate, from the South African Revenue Services, must be supplied with the tender document and the tenderer must be tax-compliant on the Central Supplier Database (CSD).

Mr. H. Mettler  
MUNICIPAL MANAGER  
Saldanha Bay Municipality  
Private Bag X 12  
VREDENBURG  
7380

**2. INSTRUCTION TO TENDERER:****2.1 General and Special Conditions of Contract**

The General Conditions of Contract (GCC) as well as Special Conditions of Contract (SCC) forming part of this set of tender documents will be applicable to this tender in addition to the conditions of tender. Where the GCC and SCC are in conflict with one another, the stipulations of the SCC will prevail.

**2.2 Acceptance or Rejection of a Tender**

The Municipality reserves the right to withdraw any invitation to tender and/or to re-advertise or to reject any tender or to accept a part of it. The Municipality does not bind itself to accepting the lowest tender or the tender scoring the highest points.

**2.3 Validity Period**

Bids shall remain valid and binding for a minimum of 90 days after the tender closure date and the validity extend automatically till the contract is signed if validity goes beyond the number of days indicated. The reason for this is to ensure that the tender is valid till appeals were considered, if received.

**2.4 Cost of Tender Documents**

Tender documents can be downloaded from the eTender publication portal at [www.etenders.gov.za](http://www.etenders.gov.za) or alternatively can be collected at a non-refundable tender deposit rate payable to Saldanha Bay Municipality. Payment for tender documents must be made by a crossed cheque, cash or payment into Saldanha Bay Municipality's bank account payable to the Saldanha Bay Municipality. These costs are non-refundable. No unauthorised alteration of this set of tender documents will be allowed. Any unauthorised alteration will disqualify the tender automatically.

**2.5 Registration on Accredited Supplier Database**

It is expected of all prospective service providers who are not yet registered on the Central Supplier Database, to register online. In the event that a tenderer is not yet registered, it is requested that the online registration proceeds with the Central Supplier Database. The Municipality reserves the right not to award tenders to prospective suppliers who are not registered on the Central Supplier Database.

**2.6 Completion of Tender Documents**

- a) The original tender document must be completed fully in black ink and signed by the authorised signatory to validate the tender. All the pages must be initialed by the authorised signatory and returned.
- b) Tender documents may not be retyped.

- c) The complete original tender document must be returned. Missing pages will result in the disqualification of the tender.
- d) No unauthorized alteration of this set of tender documents will be allowed. Any unauthorized alteration will disqualify the tender automatically. Any ambiguity has to be cleared with the contact person for the tender before the tender closure.
- e) Tenders must be completed in indelible ink and NO CORRECTION FLUID may be used in the Tender Document. If corrections must be made, a line must be drawn through the correction and it must be initialed.
- f) The bidder must verify regularly on E-tender and our website whether there are any addendums before submission and addendums must be submitted with the tender document.
- g) If a document is electronically completed, NO ALTERATIONS OR AMENDMENTS may be made to the content of the tender document. ALTERATIONS OR AMENDMENTS to the tender document will result in disqualification. Also note that the contract will be terminated in a case where it is detected after contract signing that the tender document was altered or amended. It thus remains the responsibility of the tenderer to ensure that the same document as was issued is submitted.

## **2.7 Compulsory Documentation**

### **2.7.1 Income Tax Clearance Certificate**

A valid Income Tax Clearance Certificate must accompany the bid documents unless the bidder is registered on the Central Supplier Database and are Tax compliant. If the South African Revenue Services (SARS) cannot provide a valid Income Tax Clearance Certificate, the bidder must submit a letter from SARS on an original SARS letterhead that their tax matters are in order or their tax pin.

### **2.7.2 Construction Industry Development Board (CIDB)**

When applicable, a copy of the bidder's registration and grading certificate with the CIDB must be included with the tender.

### **2.7.3 Municipal Rates, Taxes and Charges**

Business account: See MBD 6.1 and call office if any clarification is required (important for claiming preference points).

Director's accounts:

- a) A copy of the bidder's municipal account for the month preceding the tender closure date must accompany the tender documents.

- b) Any bidder which is or whose directors are in arrears with their municipal rates and taxes or municipal charges due to any Municipality or any of its entities for more than three months and have not made an arrangement for settlement of same before the bid closure date will be disqualified.

**2.8 Authorized Signatory**

- a) A copy of the recorded Resolution taken by the Board of Directors, members, partners or trustees authorizing the representative to submit this bid on the bidder's behalf must be attached to the Bid Document on submission of same.
- b) A bid shall be eligible for consideration only if it bears the signature of the bidder or of some person duly and lawfully authorized to sign it for and on behalf of the bidder.

**2.9 Site / Information Meetings**

Site or information meetings, if specified, are compulsory. Bids will not be accepted from bidders who have not attended the site or information meeting on the specified date.

**2.10 Samples**

Samples, if requested, are to be provided to the Municipality with the tender document and are not returnable.

**2.11 Quantities of Specific Items**

If tenders are called for a specific number of items, Council reserves the right to change the number of such items to be higher or lower. The successful bidder will then be given an opportunity to evaluate the new scenario and inform the Municipality if it is acceptable. If the successful bidder does not accept the new scenario, it will be offered to the second placed bidder. The process will be continued to the Municipality's satisfaction.

**2.12 Submission of Tender**

- a) The tender must be placed in a sealed envelope, or envelopes when the two-envelope system is specified, clearly marked with the tender number, title as well as closing date and time and be - placed in the **tender box at the Ground Floor in the Investment Centre, 15 Main Road, Vredenburg by not later than 12H00 on the specified closing date.**
- b) Faxed, e-mailed and late tenders will not be accepted. Tenders may be delivered by hand, by courier, or posted at the bidder's risk and must be received by the deadline specified above, irrespective of how they are sent or delivered.

**2.13 Expenses Incurred in Preparation of Tender**

The Municipality shall not be liable for any expenses incurred in the preparation and submission of the tender.

**2.14 Contact with Municipality after Tender Closure Date**

- a) Bidders shall not contact the Saldanha Bay Municipality on any matter relating to their bid from the time of the opening of the bid to the time the contract is awarded.
- b) If a bidder wishes to bring additional information to the notice of the Saldanha Bay Municipality, it should do so in writing to the Saldanha Bay Municipality.
- c) Any effort by the firm to influence the Saldanha Bay Municipality in the bid evaluation, bid comparison or contract award decisions may result in the rejection of the bid.

**2.15 Opening, Recording and Publications of Tenders Received**

- a) Tenders will be opened on the closing date immediately after the closing time specified in the tender documents. If requested by any bidder present, the names of the bidders, and if practical, the total amount of each bid and of any alternative bids will be read out aloud.
- b) Details of tenders received in time will be published on the Municipality's website as well as recorded in a register which is open to public inspection.

**2.16 Evaluation of Tenders**

Tenders will be evaluated in terms of their responsiveness to the tender specifications and requirements as well as such additional criteria as set out in this set of tender documents.

**2.17 Supply Chain Management Policy and Regulations**

Bids will be awarded in accordance with the PREFERENTIAL PROCUREMENT POLICY adopted by Council on R8/5-25, of 29 May 2025, as well as the Municipality's Supply Chain Management Policy.

- a) B-BBEE
  - Original or originally certified B-BBEE certificate or Affidavit.
- b) Locality
  - i) Where the tenderer is the owner of the property:
  - ii) The municipal account must be registered in the trading name of owner of the property, for example:
    - Partnership (Lead company according to agreement).
    - Joint Venture (Lead company according to agreements and where daily operations are done).
    - Close Corporation (name of the CC).
    - Public Company "Limited or Ltd" (name of the company).
    - Private company / Proprietary company / (Pty) Ltd (name of the company).
    - Non-Profit Company "NPC" (name of the company).
    - State Owned Company "SOC" (name of the SOC).
    - In the case of a One-person business / sole propriety the account must either be in the trading name or in the owner's name.

- In the case of a Private Company (Pty) Ltd. (small businesses) which trades from the residential address of the Director, the municipal account can be in the name of the Director if he/she is the owner of the residential property. This is applicable in cases where the company has only 1 Director. If more than 1 Director, the other directors must also reside at the same address and such proof must be submitted in the form of an Affidavit.

c) Where the tenderer is not the owner of the property:

i) Sole propriety (residential):

- If the municipal account is not registered in the name of the Sole Propriety, a valid Lease Agreement to be submitted.
  - OR
- If no valid Lease Agreement exist, an affidavit from the owner of the property must be submitted.
- The owner of the property must confirm the following:
  - ✓ That the sole propriety is conducting business from the said address as indicated in the bid documents.
  - ✓ What are the conditions/agreement for conducting business from premises.
  - ✓ For example: Declares that no written lease agreement exists, a verbal lease agreement exist, sole supplier does not have any obligation to contribute to any payment of municipal accounts; sole propriety not liable for any rent payments, etc.
  - ✓ The ID numbers of both the owner of property and the sole propriety must reflect on the affidavit.

NB: A Detailed affidavit must be submitted. Not the affidavit that only indicates the following "I don't own any buildings and therefore does not have any municipal accounts".

Note: Affidavits valid for a period of 3 months

- Close Corporation, Public Company, Personal Liability Company, (Pty) Limited, Non-Profit Company, State Owned Companies - A valid Lease Agreement must be submitted:
  - ✓ If a valid Lease Agreement does not exist, an affidavit from the owner of the property must be submitted.
  - ✓ The owner of the property must confirm the following:
    - ✓ That the tenderer/supplier is conducting business from the said address as indicated in the bid documents.
    - ✓ What are the conditions/agreement for conducting business from premises.

- ✓ For example: Declares that no written lease agreement exists, a verbal lease agreement exist, sole supplier does not have any obligation to contribute to any payment of municipal accounts; Sole supplier not liable for any rent payments, etc.
- ✓ The ID numbers of both the owner of property, the Director (Authorised to represent the entity or sign documents on behalf of entity) and/or the supplier company registration number must reflect on the affidavit.
- ✓ If the property is in the name of a Trust, an affidavit must be obtained from the Trustee(s).
- ✓ NB: A Detailed affidavit must be submitted. Not the affidavit that only indicates the following "I don't own any buildings and therefore does not have any municipal accounts".

- d) Sub-Leasing vs Apartments (block of buildings) owned by one (1) person / director which also operates more than 1 business from the same premises:
- i) If any Sub Leasing exist, a valid Sub Lease agreement must be submitted.
  - ii) In instances where a director owns an apartment (block of buildings) and runs more than one business from it, this block is registered in the name of a trust or one (1) of the business's he owns. When a tenderer submits a bid, is not the one (1) owning the business, the same information as per 2.24.2.2 above must be submitted.

Note: The residential or business address of the tenderer or sole propriety is tested, therefore the postal address on the municipal account cannot be used to claim points for locality. Please ensure that the residential address on the municipal account agrees to the address as recorded in the compulsory documents to be completed and / attachments and / CSD / CIPC, if necessary.

**A SCORE OF 0 (ZERO) WILL BE ALLOCATED IF COMPULSORY DOCUMENTS ARE NOT DULY COMPLETED AND SIGNED AND / IF INSUFFICIENT PROOF SUBMITTED AT THE CLOSING TIME AND DATE.**

### **2.18 Contract**

The successful bidder will be expected to sign the agreement of this bid document within 7 (seven) days of the date of notification by the Saldanha Bay Municipality that his/her bid has been accepted. **The signing of the relevant sections of this bid document signifies the conclusion of the contract. The Municipality, at its discretion, may request the signing of an additional Service Level Agreement which, together with the signed tender document, will constitute the full agreement between the Municipality and the successful bidder.**

### **2.19 Language of Contract**

The contract documents will be compiled in English and the English versions of all referred documents will be taken as applicable.

**2.20 Stamp and Other Duties**

The successful bidder will be liable for all duties and costs on legal documents resulting in the establishment of a contract and for the surety and retentions.

**2.21 Wrong Information Furnished**

Where a contract has been awarded on the strength of the information furnished by the bidder which, after the conclusion of the relevant agreement, is proved to have been incorrect, the Municipality may, in addition to any other legal remedy it may have, recover from the contractor all costs, losses or damages incurred or sustained by the Municipality as a result of the award of the contract.

**2.22 Enquiries**

Enquiries in connection with this tender, prior to the tender closure date, regarding the Supply Chain Management related aspects, may be addressed to Rosaire Farmer, Tel: 022 701 6945 or e-mail [rosaire.farmer@sbm.gov.za](mailto:rosaire.farmer@sbm.gov.za). Enquiries regarding the specifications may be addressed to Nolan Lategan, Tel: 022 701 6856 or email at [nolan.lategan@sbm.gov.za](mailto:nolan.lategan@sbm.gov.za).

**2.23 Submission of Invoices:**

**Where the value of an intended contract will exceed R 1 000 000.00 (R1 million) it is the bidder's responsibility to be registered with the South African Revenue Services for VAT purposes in order to be able to issue tax invoices.**

**The successful bidder(s) to ensure compliance with Section 20(4) of the Value Added Tax (VAT) Act, 89 of 1991.**

**In terms of Section 20(4) of the Act, the TAX INVOICE(S) received from registered Vat vendors MUST bear the following information:**

- **The words "TAX INVOICE" in a prominent place;**
- **Name, address and VAT registration number of the supplier;**
- **The name and address: Saldanha Bay Municipality, Private Bag X12, Vredenburg, 7380;**
- **The Saldanha Bay Municipality VAT registration number: 41001113150;**
- **Unique VAT invoice number and date of issue;**
- **Accurate description of goods and/or services;**
- **Quantity or volume of goods or services supplied; and**
- **Price and VAT amount and percentage (%).**

**Failure to comply with abovementioned will result in payments not been made timeously.**

**Also take note that Saldanha Bay Municipality will not be liable for any late payments as a result of invalid Tax Invoice submitted by suppliers.**

**I hereby declare compliance with Section 20(4) of the Value Added Tax (VAT) Act, 89 of 1991 and that I am duly authorised to sign on behalf of the company.**

\_\_\_\_\_  
**PRINT NAME**

\_\_\_\_\_  
**SIGNATURE**

\_\_\_\_\_  
**DATE**

**PART B: COMPULSORY RETURNABLE DOCUMENTS (SCM RELATED)**

**3. MBD 1: INVITATION TO TENDER**

<b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF SALDANHA BAY MUNICIPALITY</b>				
<b>SUPPLIER INFORMATION</b>				
NAME OF BIDDER				
POSTAL ADDRESS OF BUSINESS				
STREET ADDRESS OF BUSINESS				
TELEPHONE NUMBER	CODE		NUMBER	
CELLPHONE NUMBER				
FACSIMILE NUMBER	CODE		NUMBER	
E-MAIL ADDRESS				
VAT REGISTRATION NUMBER				
TAX COMPLIANCE STATUS	TCS PIN		<b>OR</b> CSD No	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE OR SWORN AFFIDAVIT [TICK APPLICABLE BOX]	Yes	No	CONTRIBUTOR FACTOR (1 – 10)	
<b>DOCUMENTS REQUIRED AS PRESCRIBED TO CLAIM PREFERENCE POINTS. IF DOCUMENTS ARE NOT PROVIDED AS REQUESTED 0 POINTS WILL BE ALLOCATED.</b>				
ORIGINAL OR ORIGINAL CERTIFIED B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE ISSUED BY A SANAS ACCREDITED AGENCY OR EME OR QSE SWORN AFFIDAVIT OR A CERTIFIED COPY THEREOF				
MUNICIPAL ACCOUNT OR LEASE AGREEMENT IN THE NAME OF THE BUSINESS OR AN AFFIDAVIT FROM THE OWNER OF THE PROPERTY WHERE OF BUSINESS				
<b>ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS / SERVICES / WORKS OFFERED?</b>	YES OR NO (Provide proof)		<b>ARE YOU A FOREIGN BASED SUPPLIERS FOR THE GOODS / SERVICES / WORKS OFFERED?</b>	YES OR NO (If yes, answer 3)
CRS no	TOTAL BID PRICE (Brought forward)			<b>R</b>
SIGNATURE OF BIDDER			DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED				
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:</b>			<b>TECHNICAL INFORMATION MAY BE DIRECTED TO:</b>	
DEPARTMENT	Supply Chain Management		DEPARTMENT	Public Safety
CONTACT PERSON	Rosaire Farmer		CONTACT PERSON	Nolan Lategan
TELEPHONE NUMBER	022 701 6945		TELEPHONE NUMBER	022 701 6856

**SBM 39/24/25**

E-MAIL ADDRESS	<a href="mailto:rosaire.farmer@sbm.gov.za">rosaire.farmer@sbm.gov.za</a>	E-MAIL ADDRESS	<a href="mailto:nolan.lategan@sbm.gov.za">nolan.lategan@sbm.gov.za</a>
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**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. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR ONLINE
- 1.3. THIS BID IS SUBJECT TO THE 80/20 PREFERENCE POINT SYSTEM AS CONTAINED IN THE PREFERENTIAL PROCUREMENT POLICY, R8/5-25, OF 29 MAY 2025, WILL BE USED IN THE ADJUDICATION OF THIS TENDER.

**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 VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
- 2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

**3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS**

- 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? YES/NO
- 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? YES/NO
- 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? YES/NO
- 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? YES/NO
- 3.5. 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 ABOVE.**

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID. NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

**THE MUNICIPALITY RESERVES THE RIGHT TO ACCEPT ALL, SOME, OR NONE OF THE BIDS SUBMITTED EITHER WHOLLY OR IN PART — AND IT IS NOT OBLIGATED TO ACCEPT THE LOWEST BID.**

SIGNATURE OF BIDDER: .....

CAPACITY UNDER WHICH THIS BID IS SIGNED: .....

DATE: .....

**4. MBD 4: DECLARATION OF INTEREST**

<b>DECLARATION OF INTEREST</b>	
<b>1.</b>	No bid will be accepted from persons in the service of the state*.
<b>2.</b>	Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in the service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
<b>3.</b>	<b>In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.</b>
<b>3.1.</b>	Full Name of bidder or his / her representative:
<b>3.2.</b>	Identity number:
<b>3.3.</b>	Position occupied in the Company (director, trustee, shareholder <sup>2</sup> )
<b>3.4.</b>	Company Registration Number:
<b>3.5.</b>	Tax Reference Number:
<b>3.6.</b>	VAT Registration Number:
<b>3.7.</b>	The names of all directors / trustees / shareholders / members, their individual identity numbers and state employee numbers (where applicable) must be indicated in paragraph 4 below.
<b>3.8.</b>	Are you presently in the service of the state* <b>YES / NO</b>
<b>3.8.1.</b>	If yes, furnish particulars.
<b>3.9.</b>	Have you been in the service of the state for the past twelve months? <b>YES / NO</b>
<b>3.9.1.</b>	If so, furnish particulars.

**SBM 39/24/25**

<b>3.10.</b>	Do you, have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?	<b>YES / NO</b>	
<b>3.10.1.</b>	If so, state particulars.		
<b>3.11.</b>	Are you aware of any relationship (family, friend, other) between the bidder and any person in the service of the state who may be involved with the evaluation and or adjudication of this bid?	<b>YES / NO</b>	
<b>3.11.1.</b>	If so, state particulars.		
<b>3.12.</b>	Are any of the company's directors, managers, principal shareholders or stakeholders in service of the state?	<b>YES / NO</b>	
<b>3.12.1.</b>	If so, state particulars.		
<b>3.13.</b>	Is any spouse, child or parent of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state?	<b>YES / NO</b>	
<b>3.13.1.</b>	If so, furnish particulars.		
<b>3.14.</b>	Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract?	<b>YES / NO</b>	
<b>3.14.1.</b>	If so, furnish particulars.		
<b>4.</b>	Full details of directors / trustees / members / shareholders:		

**COMPLETION OF THE FOLLOWING INFORMATION IS COMPULSORY:**

Full Name	Identity Number	Individual Tax Number for each Director	State Employee Number



**5. MBD 6.1 (PREFERENCE POINTS CLAIM FORM)**

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 AND PREFERENTIAL PROCUREMENT POLICY OF COUNCIL: 80/20 PREFERENCE POINT SYSTEM**

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

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE BID, PREFERENTIAL PROCUREMENT REGULATIONS, 2022 AND PREFERENTIAL PROCUREMENT POLICY OF COUNCIL.**

**1. GENERAL CONDITIONS**

**1.1 The following preference point system is applicable to invitations to bid:**

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

**1.2 Points for this bid (even in the case of a bid for income-generating contracts) shall be awarded for:**

- a) Price; and
- b) Specific Goals (B-BBEE status level contribution and Locality).

**1.3 The maximum points for this bid are allocated as follows:**

	POINTS
<b>PRICE</b>	80
<b>SPECIFIC GOALS</b>	20 (10 B-BBEE and 10 Locality)
<b>TOTAL POINTS FOR PRICE AND SPECIFIC GOALS</b>	<b>100</b>

1.4 Failure on the part of a bidder to submit proof or documentation required in terms of this bid to claim points for specific goals with the bid, will be interpreted to mean that preference points for specific goals are not claimed.

**1.4.1 B-BBEE**

Failure on the part of a bidder to submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African National Accreditation System (SANAS), or a sworn affidavit confirming annual turnover and level of black ownership in case of an EME and QSE together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

**1.4.2 Locality**

**1.4.2.1. Where the tenderer is the owner of the property**

The municipal account must be registered in the trading name of owner of the property, for example:

- Partnership (Lead company according to agreement).
- Joint Venture (Lead company according to agreements and where daily operations are done).

- Close Corporation (name of the CC).
- Public Company "Limited or Ltd" (name of the company).
- Private company / Proprietary company / (Pty) Ltd (name of the company).
- Non-Profit Company "NPC" (name of the company).
- State Owned Company "SOC" (name of the SOC).
- In the case of a One-person business / sole proprietor the account must either be in the trading name or in the owner's name.
- In the case of a Private Company (Pty) Ltd. (small businesses') which trades from the residential address of the Director, the municipal account can be in the name of the Director if he/she is the owner of the residential property. This is applicable in cases where the company has only 1 Director. If more than 1 Director, the other directors must also reside at the same address and such proof must be submitted in the form of an Affidavit.

1.4.2.2. Where the tenderer is not the owner of the property

Sole propriety (residential):

- If the municipal account is not registered in the name of the Sole Propriety, a valid Lease Agreement to be submitted.

OR

- If no valid Lease Agreement exist, an affidavit from the owner of the property must be submitted.
- The owner of the property must confirm the following:
  - That the sole propriety is conducting business from the said address as indicated in the bid documents.
  - What are the conditions/agreement for conducting business from premises.
  - For example: declares that no written lease agreement exists, a verbal lease agreement exist, sole supplier does not have any obligation to contribute to any payment of municipal accounts; sole propriety not liable for any rent payments, etc.
  - The ID numbers of both the owner of property and the sole propriety must reflect on the affidavit.
  - NB: A Detailed affidavit must be submitted. Not the affidavit that only indicates the following "I don't own any buildings and therefore does not have any municipal accounts"

Note: Affidavits valid for a period of 3 months

Close Corporation, Public Company, Personal Liability Company, (Pty) Limited, Non-Profit Company, State Owned Companies - A valid Lease Agreement must be submitted:

- If a valid Lease Agreement does not exist, an affidavit from the owner of the property must be submitted.
- The owner of the property must confirm the following:
  - That the tenderer/supplier is conducting business from the said address as indicated in the bid documents.
  - What are the conditions/agreement for conducting business from premises.
  - For example: declares that no written lease agreement exists, a verbal lease agreement exist, sole supplier does not have any obligation to contribute to any payment of municipal accounts; Sole supplier not liable for any rent payments, etc.

- The ID numbers of both the owner of property, the Director (Authorised to represent the entity or sign documents on behalf of entity) and/or the supplier company registration number must reflect on the affidavit.
- If the property is in the name of a Trust, an affidavit must be obtained from the Trustee(s).
- NB: A Detailed affidavit must be submitted. Not the affidavit that only indicates the following "I don't own any buildings and therefore does not have any municipal accounts"

1.4.2.3. Sub-Leasing vs Apartments (block of buildings) owned by one (1) person / director which also operates more than 1 business from the same premises

- If any Sub Leasing exist, a valid Sub Lease agreement must be submitted.
- In instances where a director owns an apartment (block of buildings) and runs more than one business from it, this block is registered in the name of a trust or one (1) of the business's he owns. When a tenderer submits a bid, is not the one (1) owning the business, the same information as per 9.2.2 above must be submitted.

Note: The residential or business address of the tenderer or sole propriety is tested, therefore the postal address on the municipal account cannot be used to claim points for locality. Please ensure that the residential address on the municipal account agrees to the address as recorded in the compulsory documents to be completed and / attachments and / CSD, CIPC, if necessary.

**A SCORE OF 0 (ZERO) WILL BE ALLOCATED IF COMPULSORY DOCUMENTS NOT DULY COMPLETED AND SIGNED AND / IF INSUFFICIENT PROOF SUBMITTED AT THE CLOSING TIME AND DATE.**

1.5 The municipality reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the municipality.

## **2. DEFINITIONS**

- (a) **"all applicable taxes"** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- (b) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (c) **"B-BBEE status level of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (d) **"bid"** 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 bidding process or any other method envisaged in legislation;
- (e) **"price"** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (f) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (g) **"bid 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
- (h) **"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 THE 80/20 PREFERENCE POINT SYSTEMS**

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

**80/20**             $Ps = 80 \left( 1 - \frac{Pt - P_{min}}{P_{min}} \right)$

Where

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

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

**4.1 POINTS AWARDED FOR PRICE THE 80/20 PREFERENCE POINT SYSTEMS**

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

**80/20**             $Ps = 80 \left( 1 + \frac{Pt - P_{max}}{P_{max}} \right)$

Where

- Ps     =     Points scored for price of bid under consideration
- Pt     =     Price of bid under consideration
- Pmax  =     Price of highest acceptable bid

**5. POINTS AWARDED FOR SPECIFIC GOALS**

In terms of the Preferential Procurement policy of Council section 6(2) and 8(2), preference points must be awarded for specific goals stated in the bid. For the purposes of this bid the bidder will be allocated points based on the goals stated in table 1 and 2 below as may be supported by proof/documentation stated in the conditions of this bid:

**5.1 B-BBEE**

<b>B-BBEE Status Level of Contributor</b>	<b>Number of Points for Preference (80/20)</b>
1	10
2	9
3	7
4	6
5	4
6	3
7	2
8	1
Non-compliant contributor	0

**5.2 LOCALITY**

<b>Locality of supplier</b>	<b>Number of Points for Preference (80/20)</b>
Within the boundaries of Saldanha Bay Municipality	10
Within the boundaries of the West Coast District	5
Within the boundaries of the Western Cape	2
Outside the boundaries of the Western Cape or failure to provide proof	0

**6. DECLARATION**

Bidders who claim points in respect of B-BBEE and Locality must complete the following:

**6.1 B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 5.1**

B-BBEE Status Level of Contribution: \_\_\_\_\_ (maximum of 10 points)

**6.2 LOCALITY CLAIMED IN TERMS OF PARAGRAPH 1.4 AND 5.2**

LOCALITY: \_\_\_\_\_ (maximum of 10 points)

**7. DECLARATION WITH REGARD TO COMPANY / FIRM**

7.1 Name of company / firm: \_\_\_\_\_

7.2 Company registration number: \_\_\_\_\_

7.3 VAT registration number: \_\_\_\_\_

7.4 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]

**7.5 MUNICIPAL INFORMATION**

Municipality where business is situated: \_\_\_\_\_

Street address of business:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Registered municipal account number: \_\_\_\_\_

**NOTE: MUNICIPAL INFORMATION PROVIDED MUST BE ALIGNED TO PARAGRAPH 1.4 AND 5.2**

- 7.6 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 bid, 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 5, 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 bidding 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 bidder 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 BIDDER(S)**

**SURNAME AND NAME:** .....

**DATE:** .....

**ADDRESS:** .....

.....

.....

**6. MBD 8: BIDDER'S PAST PRACTICES**

**DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
  - a) abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
  - b) been convicted for fraud or corruption during the past five years;
  - c) willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
  - d) been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's database as a company or person prohibited from doing business with the public sector?</p> <p><b>(Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the <i>audi alteram partem</i> rule was applied).</b></p>	<input type="checkbox"/>	<input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p><b>(To access this Register enter the National Treasury's website, <a href="http://www.treasury.gov.za">www.treasury.gov.za</a>, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445).</b></p>	<input type="checkbox"/>	<input type="checkbox"/>

4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.5.1	If so, furnish particulars:		

**CERTIFICATION**

**I, THE UNDERSIGNED (FULL NAME) ..... CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM TRUE AND CORRECT.**

**I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Position

\_\_\_\_\_  
Name of Tenderer

**DECLARATION OF MUNICIPAL ACCOUNTS OF COMPANY AND DIRECTORS**

Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
--	---------------------------------	--------------------------------

The Tenderer must affix proof of Municipal Accounts or valid lease agreements of the company as well as Directors and also complete the addresses of Directors below. If the Bidder has more than 11 Directors, a schedule with addresses must also be attached to the tender document.

**Company Address:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 1 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 2 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 3 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 4 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 5 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 6 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 7 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 8 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 9 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 01 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Director 11 Address:**

Mr. / Mrs \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Attach page if space insufficient.**

**7. MBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION**

**CERTIFICATE OF INDEPENDENT BID DETERMINATION**

1. This Municipal Bidding Document (MBD) must form part of all bids<sup>1</sup> invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
3. Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
  - a) take all reasonable steps to prevent such abuse;
  - b) reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
  - c) cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
4. This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

I, the undersigned, in submitting the accompanying bid:

\_\_\_\_\_

(Bid Number and Description)

in response to the invitation for the bid made by:

\_\_\_\_\_

(Name of Municipality / Municipal Entity)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf

of: \_\_\_\_\_ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - a) has been requested to submit a bid in response to this bid invitation;
  - b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. 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 consortium<sup>3</sup> will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - a) prices;
  - b) geographical area where product or service will be rendered (market allocation)
  - c) methods, factors or formulas used to calculate prices;
  - d) the intention or decision to submit or not to submit, a bid;
  - e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. 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.
10. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.

- 11. 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.
- 12. 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.

<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

<sup>2</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

<sup>3</sup> 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.

.....

Signature

.....

Date

.....

Position

.....

Name of Bidder

**8. CENTRAL SUPPLIER DATABASE (CSD)**

Paragraph 14(1)(a) of the Municipal Supply Chain Management Policy states that the municipality must keep a list of accredited prospective providers of goods and services that must be used for the procurement requirements. Saldanha Bay Municipality has decided to accept an invitation from Provincial Treasury to join the Western Cape Supplier Database (WCSD) with the view of using one centralized database. However, on 01 July the Municipality will make use of the Centralised Supplier Database. This decision was taken based on the advantages it holds for our suppliers as well as our organization's procurement processes. All prospective providers of municipal goods and/or services are hereby requested to register their business with the CSD.

**The usage of the Centralised Supplier Database came into effect on 01 July 2016. REGISTRATION WILL BE COMPULSORY IN ORDER TO CONDUCT BUSINESS WITH SALDANHA BAY MUNICIPALITY. The database will be used to verify the accreditation of a supplier before an award can be made.**

**All prospective suppliers should be aware of the amended codes of good practice under section 9 (1) of the Broad-Based Black Economic Empowerment Act as issued by the Minister of Trade and Industry (Gazette No.36928) on 11 October 2013.**

Enquiries can be made to Mr. A. Plaatjies at 022 701 6866.

CSD registration number (if registered): .....

**PART C: CONDITIONS OF CONTRACT**

**9. GENERAL CONDITIONS OF CONTRACT (GCC OF 2010)**

**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 anything of value to influence the action of a public official in the procurement process or in contract execution.
  - 1.5 "Countervailing duties" are imposed in cases 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 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 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](http://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.

**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 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;
- (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 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 these 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 cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

**22. Penalties**

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

**23. Termination for default**

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

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

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

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

23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than 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 wilful misconduct, and in the case of infringement pursuant to Clause 6;

(a) The supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and

(b) The aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

### **29. Governing language**

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

### **30. Applicable law**

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

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.

**10. SPECIAL CONDITIONS OF CONTRACT**

1. Tenders are requested to quote firm prices effective from commencement date of the contract. The pricing shall be fixed from closing date of the tender until 30 June 2026, whereby price increases will be allowed. If there is an increase in the fixed rate in each of the financial years 2026/2027 and 2027/2028, the successful bidder must immediately provide signed documentary proof of any increase and reasons thereof. Price increases will be allowed from 01 July 2026. Pricing for all products available to increase as negotiated per CPIX. The municipality reserves the right to accept or decline the amendment of the quoted fixed rate based on affordability.
2. Where tenderers indicate an equivalent brand, specification document of the brand indicated must be submitted with the tender document on closing day. Equivalent product must be compatible with the current system installed (Hikvision Central).
3. The preferred bidder must submit a safety file at commencement of the contract and the file must be updated for the duration of the contract.
4. Bidders and the technicians must be registered with The Private Security Industry Regulatory Authority (PSIRA). Proof must be submitted with the tender document. Failure to provide the proof of PSIRA registration with your tender document will render your tender non-responsive.
5. Sundries - The Contractor shall include for all sundry and incidental items necessary for the proper execution, commissioning, and handover of the CCTV installation, including minor consumables, fasteners, connectors, labels, testing consumables, and miscellaneous items required to deliver a complete and functional installation. Sundries are limited to a maximum of five percent (5%) of the total contract value, as stipulated in the pricing schedule. No additional payment shall be made for sundry items in excess of this allowance unless expressly authorised in writing by the Municipality in advance.
6. Travelling - The Contractor shall be reimbursed for authorised travel on a kilometre basis, limited to the estimated quantity of 33 600 km reflected in the pricing schedule. Kilometres will be payable at the prevailing Automobile Association (AA) of South Africa rate, or the rate tendered by the Contractor (whichever is lower), unless otherwise approved in writing by the Municipality. No claims for travel outside the approved scope or above the estimated kilometrage will be accepted without prior written authorisation.
7. In case of emergency, the bidder must respond within 48 hours.
8. The bidder must provide proof of relevant experience of a minimum period of 12 months with the tender document.

The proof must not be older than three years from the date of tender closing.

Provide at least one (1) duly signed written contactable reference letter on an official letterhead from the institution that utilised the services of the bidder as set out.

The reference letter must contain the following:

- Verifiable contact details of the company/ institution as well as the project manager.
- Scope of work.
- Start date and end date of the contract.
- Duration of the contract.

**Should the proof of relevant experience not be provided with the tender document at tender closing, the tenderer will be found non-responsive.**

**11. AUTHORITY TO SIGN BID**

**TYPE OF ENTERPRISE (Please indicate with an "X" and complete the indicated section below)**

Company (Pty) Ltd. & Ltd.	Please complete <b>section 1</b> below	
Close Corporation (CC)	Please complete <b>section 2</b> below	
Sole Proprietor	Please complete <b>section 3</b> below	
Partnership	Please complete <b>section 4</b> below	
Consortium, Club, Trust, etc.	Please complete <b>section 5</b> below	
Joint Venture	Please complete <b>section 6</b> below	

**1. COMPANIES - (PTY) LTD. & LTD.**

1.1. If a bidder is a **COMPANY ((Pty) Ltd. OR Ltd.)**, a certified copy of the resolution by the board of directors, duly signed, authorising the person who signs this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the company must be submitted with this bid, that is, before the closing time and date of the bid.

1.2. A valid resolution must be signed by:

- 1.2.1. Majority directors; or
- 1.2.2. Chairman of the Board; or
- 1.2.3. Company Secretary

**PARTICULARS OF RESOLUTION BY THE BOARD OF DIRECTORS OF THE COMPANY**

<b>Date resolution was taken</b>			
<b>Resolution signed by (name and surname)</b>			
<b>Capacity</b>			
<b>Name and surname of delegated authorised signatory</b>			
<b>Capacity</b>			
<b>Specimen signature</b>			
<b>Full name and surname of ALL director(s)</b>			
<b>Is a copy of the resolution attached?</b>	<b>YES</b>		<b>NO</b>

SIGNED ON BEHALF OF COMPANY / CC:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

**2. CLOSE CORPORATION (CC)**

2.1. In the case of a **CLOSE CORPORATION (CC)** submitting a bid, a resolution by its members, authorizing a member or other official of the corporation to sign the documents on their behalf, shall be included with the bid.

2.2. A valid resolution must be signed by:

2.2.1. Majority members; or

2.2.2. Member with majority shareholding but only if such shareholding is more than 50%; or

2.2.3. Company Secretary.

**PARTICULARS OF RESOLUTION BY THE MEMBERS OF THE CLOSE CORPORATION**

<b>Date resolution was taken</b>			
<b>Resolution signed by (name and surname)</b>			
<b>Capacity</b>			
<b>Name and surname of delegated authorised signatory</b>			
<b>Capacity</b>			
<b>Specimen signature</b>			
<b>Full name and surname of ALL director(s) / member (s)</b>			
<b>Is a copy of the resolution attached?</b>	<b>YES</b>		<b>NO</b>

<b>SIGNED ON BEHALF OF COMPANY / CC:</b>		<b>DATE:</b>	
<b>PRINT NAME:</b>			
<b>WITNESS 1:</b>		<b>WITNESS 2:</b>	

**3. SOLE PROPRIETOR (SINGLE OWNER BUSINESS) & NATURAL PERSON**

I, \_\_\_\_\_, the undersigned, hereby confirm that I am the sole owner of the business trading as \_\_\_\_\_.

**OR**

I, \_\_\_\_\_, the undersigned, hereby confirm that I am submitting this bid in my capacity as natural person.

SIGNATURE:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

**4. PARTNERSHIP**

We, the undersigned partners in the business trading as

\_\_\_\_\_

hereby authorize Mr / Ms \_\_\_\_\_

to sign this bid as well as any contract resulting from the bid and any other documents and correspondence in connection with this bid and /or contract for and on behalf of the abovementioned partnership.

**The following particulars in respect of every partner must be furnished and signed by every partner:**

Full name of partner		Signature	
SIGNED ON BEHALF OF PARTNERSHIP:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

**5. CONSORTIUM / CLUB / TRUST / ETC.**

We, the undersigned consortium partners, hereby authorize \_\_\_\_\_

(Name of entity) to act as lead consortium partner and further authorize

Mr / Ms \_\_\_\_\_

to sign this offer as well as any contract resulting from this bid and any other documents and correspondence in connection with this bid and / or contract for and on behalf of the consortium.

**The following particulars in respect of each consortium member must be provided and must be signed by each member:**

<b>Full Name of consortium member</b>	<b>Role of consortium member</b>	<b>% Participation</b>	<b>Signature</b>
SIGNED ON BEHALF OF PARTNERSHIP:		DATE:	
PRINT NAME:			
WITNESS 1:		WITNESS 2:	

**6. JOINT VENTURE**

We, the undersigned, are submitting this bid offer in joint venture and hereby authorize Mr / Ms \_\_\_\_\_ authorized signatory of the Company / Close Corporation / Partnership (name) \_\_\_\_\_, acting in the capacity of lead partner, to sign all documents in connection with the bid offer and any contract resulting from it on our behalf.

**1. LEAD PARTNER (Whom the Municipality shall hold liable for the purpose of the tender)**

Name of firm			
Address			
		Tel. No.	
Signature		Designation	

**2. 2<sup>nd</sup> PARTNER**

Name of firm			
Address			
		Tel. No.	
Signature		Designation	

**3. 3<sup>rd</sup> PARTNER**

Name of firm			
Address:			
		Tel. No.	
Signature		Designation	

**4. 4<sup>th</sup> PARTNER**

Name of firm			
Address:			
		Tel. No.	
Signature		Designation	

**NOTE: A copy of the Joint Venture Agreement indicating clearly the percentage contribution of each partner to the Joint Venture, is to be submitted with the bid.**

**A board resolution, authorising each signatory who signed above to do so, is to be submitted with the bid.**

**12. CONTRACT FORM: PURCHASE OF GOODS/WORKS/SERVICES  
(MBD7)**

**THIS FORM MUST BE FILLED IN DUPLICATE BY BOTH THE SUCCESSFUL BIDDER (PART 1) AND THE PURCHASER (PART 2). BOTH FORMS MUST BE SIGNED IN THE ORIGINAL SO THAT THE SUCCESSFUL BIDDER AND THE PURCHASER WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS. NOTE: THIS FORM WILL ONLY BE SIGNED BY THE PURCHASER AFTER AWARD AND APPEAL/S HAVE BEEN DEALT WITH.**

**PART 1 (TO BE FILLED IN BY THE BIDDER)**

1. I hereby undertake to supply all or any of the goods and/or works or to render services described in the attached bidding documents to (name of institution)..... in accordance with the requirements and specifications stipulated in bid number **SBM 39/24/25** at the price/s quoted. My offer/s remain binding upon me and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
  - (i) Bidding documents, *viz*
    - Invitation to bid
    - Tax clearance certificate
    - Pricing schedule(s)
    - Technical Specification(s)
    - Preference claims in terms of the Preferential Procurement Policy adopted by Council on R8/5-25, of 29 May 2025;
    - Declaration of interest
    - Special Conditions of Contract;
  - (ii) General Conditions of Contract; and
  - (iii) Other (specify)
3. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfillment of this contract.
5. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
6. I confirm that I am duly authorised to sign this contract.

NAME (PRINT) .....

CAPACITY .....

SIGNATURE .....

NAME OF FIRM .....

DATE .....

<b>WITNESSES</b>	
1	.....
2.	.....
DATE: .....	

**PURCHASE OF GOODS/WORKS/SERVICES**

**PART 2 (TO BE FILLED IN BY THE PURCHASER)**

1. I ..... in my capacity as .....  
accept your bid under reference number **SBM 39/24/25** dated.....for the supply of goods/works indicated hereunder and/or further specified in the annexure(s).
2. An official order indicating delivery instructions is forthcoming.
3. I undertake to make payment for the goods/works delivered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice accompanied by the delivery note (goods or works) or after receipt of an invoice (services).

TO BE COMPLETED: GOODS / WORKS

ITEM NO.	PRICE (VAT INCL)	BRAND	DELIVERY PERIOD	POINTS CLAIMED FOR HDI'S (B-BBEE)	POINTS CLAIMED FOR RDP GOALS (Locality)

OR

TO BE COMPLETED: SERVICES

DESCRIPTION OF SERVICE	PRICE (VAT INCL)	COMPLETION DATE	POINTS CLAIMED FOR HDI'S (B-BBEE)	POINTS CLAIMED FOR RDP GOALS (Locality)

4. I confirm that I am duly authorized to sign this contract.

SIGNED AT .....ON.....

NAME (PRINT) .....

SIGNATURE .....

WITNESSES

1. ....

2. ....

DATE .....

**PART D: SPECIFICATIONS**

**13. DETAILED SPECIFICATIONS**

Tenderers will be found non-responsive if not marked with an X at brand or equivalent (at all items where applicable.)

<b>SUPPLY, DELIVERY, INSTALLATION, AND MAINTENANCE OF CCTV AND ACCESS CONTROL EQUIPMENT FOR SALDANHA BAY MUNICIPALITY FOR THE PERIOD ENDING 30 JUNE 2028.</b>			
<b>SECTION 1: NETWORK CAMERAS</b>			
<b>SECTION 1.1 - SHORT RANGE BULLET CAMERAS: 15 METRES</b>			
<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
1. Hikvision 2-MP Infra-red Network Bullet Camera. 1/3" Prog. scan CMOS; Full HD1080p video; Wide Dynamic Range; H.265, H.265+, H.264+, H.264; 2.8 & 4mm fixed lens options; True D/N; IR: 30M; Ultra-low light; DC12V / PoE.			
2. Hikvision AcuSense 2MP fixed bullet camera. 4mm Lens. Excellent low-light performance with powered-by-DarkFighter technology. Up to 40m IR. Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology. False alarm reduction through human and vehicle target classification based on deep learning. IP67. 12VDC or POE.			
3. Hikvision AcuSense 2MP fixed bullet camera. 2.8mm Lens. Excellent low-light performance with powered-by-DarkFighter technology. Up to 40m IR. Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology. False alarm reduction through human and vehicle target classification based on deep learning. IP67. 12VDC or POE.			

**SBM 39/24/25**

Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
4. Hikvision 4-MP AcuSense Bullet Camera. Minimum Illumination: Colour: 0.009 lux @ (f/1.2, AGC on); 2560x1440 Resolution @ 30 fps; H.265, H.264; IR Range up to 30m; 12 VDC and PoE+ (802.3at) IP66. Built in 2.4G Wi-Fi, Built in Microphone, and speaker.			
5. Hikvision 2.8mm High quality imaging with 4 MP resolution, Excellent low-light performance with powered-by-DarkFighter technology, Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology.			
6. Hikvision 4-MP AcuSense Bullet Camera. Minimum Illumination: Colour: 0.003 lux @ (f/1.2, AGC on); 2592x1944 Resolution @ 30 fps; H.265+, H.265, H.264; IR Range up to 40m; 12 VDC and PoE+ (802.3at) IP66.Active strobe and audio alarm. Built in 2-way audio.			
7. Hikvision Economical 2.8mm,2-MP Infra-red Network Bullet Camera. WDR 120DB; IR up to 30m; DC12V / PoE.			
8. Hikvision Economical 4mm,2-MP Infra-red Network Bullet Camera. WDR 120DB; IR up to 30m; DC12V / PoE.			
<b>SECTION 1.2 - LONG RANGE BULLET CAMERAS 50+ METRES</b>			
9. Hikvision 2-MP Long Range Network Bullet Camera. Ultra-low light; Wide Dynamic Range; 6 & 12mm fixed lens; Up to 80m IR range; H.265, H.265+, H.264+, H.264; Support on-board storage; DC12V & PoE; IP66.			
10. Hikvision 2-MP AcuSense Strobe Light and Audible Warning Fixed Bullet Network Camera. Excellent low-light performance via powered-by-DarkFighter technology; 6mm fixed lens; H.265+; 120 dB true WDR; 80m IR distance; IP66.			

**SBM 39/24/25**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
11. Hikvision AcuSense 2MP fixed bullet camera. 2.8mm Lens. Excellent low-light performance with powered-by-DarkFighter technology. Up to 60m IR. Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology. False alarm reduction through human and vehicle target classification based on deep learning. IP67. 12VDC or POE.			
12. Hikvision AcuSense 2MP fixed bullet camera. 4mm Lens. Excellent low-light performance with powered-by-DarkFighter technology. Up to 60m IR. Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology. False alarm reduction through human and vehicle target classification based on deep learning. IP67. 12VDC or POE.			
13. Hikvision AcuSense 2MP fixed bullet camera. 6mm Lens. Excellent low-light performance with powered-by-DarkFighter technology. Up to 80m IR. Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology. False alarm reduction through human and vehicle target classification based on deep learning. IP67. 12VDC or POE.			
14. Hikvision 2-MP AcuSense Bullet Camera. Powered by Darkfighter. Minimum Illumination: Colour: 0.002 lux @ (f/1.4, AGC on); 1920x1080 Resolution @ 30 fps; 4mm Lens; H.265+, H.265, H.264+, H.264; IR Range up to 60m; 12 VDC and PoE (802.3at) IP67.Active strobe and audio alarm. Built in 2-way audio.			
15. Hikvision 4-MP (Max 5MP) AcuSense Bullet Camera. 6mm lens. Powered by Darkfighter. Minimum Illumination: Colour: 0.003 lux @ (f/1.4, AGC on); 2590 x 1944 Resolution @ 20 fps; 6mm Lens; H.265+, H.265, H.264+, H.264; IR Range up to 80m; 12 VDC and PoE (802.3at) IP67.			
16. Hikvision 4-MP AcuSense Bullet Camera. Powered by Darkfighter. Minimum Illumination: Colour: 0.003 lux @ (f/1.4, AGC on); 2590 x 1944 Resolution @ 20 fps; 4mm Lens; H.265+, H.265, H.264+, H.264; IR Range up to 60m; 12 VDC and PoE (802.3at) IP67.Active strobe and audio alarm. Built in 2-way audio.			

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Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
17. Hikvision AcuSense 4MP fixed bullet camera. 6mm Lens. Max. resolution 5MP. Excellent low-light performance with powered-by-DarkFighter technology. Up to 60m IR. Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology. False alarm reduction through human and vehicle target classification based on deep learning. IP66. 12VDC or POE. 2 Way Audio. Active Strobe Light and Audio Alarm.			
<b>SECTION 1.3 - VARI-FOCAL BULLET CAMERAS</b>			
18. Hikvision 2-MP Outdoor AcuSense Varifocal Bullet Camera. Powered by Darkfighter. Minimum Illumination: Colour: 0.002 lux @ (f/1.4, AGC on); 1920 x 1080 Resolution @ 30 fps; 2.8~12 mm Motorized Varifocal Lens; H.265+, H.265, H.264+, H.264; EXIR 2.0 Range Up to 60 m; 12 VDC and PoE+ (802.3at).			
19. Hikvision 4-MP (MAX 5MP) Outdoor AcuSense Varifocal Bullet Camera. Powered by Darkfighter. Minimum Illumination: Colour: 0.003 lux @ (f/1.4, AGC on); 2592x1944 max resolution at 20fps; 2.8~12 mm Motorized Varifocal Lens; H.265+, H.265, H.264+, H.264; IR Range Up to 60 m; 12 VDC and PoE+ (802.3at). IP66 and IK10.			
20. Hikvision 2-MP DeepinView Outdoor VF Bullet Network Camera. 1/1.8" Progressive Scan CMOS; 1920 x 1080 @ 60fps; 2.8 to 12 mm lens; Colour: 0.002 Lux @ (F1.2, AGC ON); nH.265, H.265+, H.264, H.264+; 140 dB WDR; IR range: up to 50m; Alarm I/O; IP67, IK10; High accuracy face detection and capture, which adopts new face detection, tracking and grading algorithms powered by deep-learning technology; Perimeter protection, based on deep learning powered target detection and classification algorithms, supports line crossing, intrusion, region entrance, and region exit; Five defined streams and up to five custom streams; Built-in microSD card slot, up to 256 GB; ANPR, No License Plate Detection.			

**SECTION 1.4 - IP FIXED DOME NETWORK CAMERAS**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
21. Hikvision 2-MP WDR Infra-red 30m Network Dome Camera. 1/3" Prog. scan CMOS; Full HD1080p video; 4 behaviour analysis features; 3D Digital Noise Reduction; 2.8 / 6mm fixed lens; Ultra-low light; H.265, H.265+, H.264+, H.264; IP67; 12 VDC & PoE.			
22. Hikvision AcuSense 2MP fixed dome camera. 2.8mm Lens. Excellent low-light performance with powered-by-DarkFighter technology. Up to 30m IR. Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology. False alarm reduction through human and vehicle target classification based on deep learning. IP66 and IK10. 12VDC or POE. Built in Microphone.			
23. Hikvision 4-MP WDR Infra-red Turret Network Dome Camera. 1/2.5" Progressive Scan CMOS; 2688 × 1520@30 fps; 2.8mm fixed lens; H.265+, H.265, H.264+, H.264; 4 Behaviour analyses; Powered by Darkfighter; IR range: 30m; BLC/3D DNR/ROI/HLC; IP67; Built-in microSD card.			
24. Hikvision AcuSense 4MP fixed Turret camera. 2.8mm Lens. Max. resolution 5MP. Excellent low-light performance with powered-by-DarkFighter technology. Up to 30m IR. Clear imaging against strong back light due to 120 dB true WDR technology, Efficient H.265+ compression technology. False alarm reduction through human and vehicle target classification based on deep learning. IP66. 12VDC or POE. Built in Microphone.			
25. Hikvision 4-MP Infra-red 30m Network Dome Camera. H.265+/H.265/H.264+/H.264/MJPEG; Powered by Darkfighter technology, Colour: 0.005 lux; VCA functions; 3 streams; 3D DNR; BLC; ICR; EXIR 2.0; DC12V & PoE; Built-in micro-SD slot; HIK-Connect cloud service; Audio/Alarm I/O.			

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Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
26. Hikvision 4-MP AcuSense Dome Camera. 2.8mm Minimum Illumination: Colour: 0.007 lux @ (f/1.2, AGC on); 2688 × 1520 Resolution @ 30 fps; 2.8mm Lens; H.265+, H.265, H.264+, H.264; IR Range up to 30m; 12 VDC and PoE+ (802.3at)IP67, IK10.			
27. Hikvision 2.8mm High quality imaging with 4 MP resolution Excellent low-light performance with powered-by-DarkFighter technology.			
28. Hikvision 2-MP EXIR Fixed Mini Dome Network Camera. Full HD1080p video; 120dB WDR; 2.8mm @ F2.1 lens; Built-in microphone; Up to 10m IR range.			
29. Hikvision 4-MP IR Mini Dome Network Camera. H.265+/H.265/H.264+/H.264/MJPEG; Powered by Darkfighter technology; 2.8mm fixed lens; VCA functions; 3D DNR; BLC; ICR; IR up to 10m; DC12V & PoE; Built-in micro-SD card slot; HIK-Connect cloud service; Built-in mic & Audio/Alarm I/O.			
30. Hikvision Economical 2.8mm,2-MP Infra-red Network Dome Camera. DWDR 120DB; IR up to 30m; DC12V / PoE.			

**SECTION 1. 5 - VARI-FOCAL NETWORK DOME CAMERAS**

Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
31. Hikvision 2-MP WDR Vari-focal Network Dome Camera. 1/2.8" Progressive Scan CMOS; 4 behaviour analyses & face detection; 2.8-12 mm focal length; H.265, H.265+; Up to 30 meters IR range; Audio/alarm I/O; Ultra-low light; IP67, IK9.			
32. Hikvision 2-MP AcuSense Easy IP 4.0 Varifocal IR Dome Camera. 2.8~12mm varifocal lens; Max. 1920 × 1080 @ 30fps; H.265, H.264; 120dB WDR; Colour: 0.005 Lux; BLC/3D DNR/ROI; False alarm reduction by human and vehicle target classification based on deep learning; 12 VDC & PoE; IR range: Up to 30 m; Support on-board storage.			
33. Hikvision 4-MP IR Varifocal AcuSense Dome Network Camera. 2.8~12mm varifocal lens; Max. 2688 × 1520 @ 30fps; H.265, H.264; 120dB WDR; Colour: 0.007 Lux; False alarm reduction by human and vehicle target classification based on deep learning; 12 VDC & PoE (802.3af, class 3); IR range: Up to 30 m; Support on-board storage; IP67, IK10.			
34. Hikvision 4-MP IR Varifocal Network Dome Camera. H.265+/H.265/H.264+/H.264/MJPEG; Powered by Darkfighter technology; 2.8~12mm Varifocal lens; VCA functions; 3D DNR; BLC; ICR; EXIR 2.0, up to 30m; DC12V&PoE; Built-in micro-SD slot; Built-in Audio/Alarm I/O.			

Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
<b>SECTION 1.6 - COLORVU NETWORK CAMERAS</b>			
35. Hikvision 4-MP ColorVu Bullet Camera with human and vehicle target classification.; 2.8mm lens; 24/7 full colour Image; H.265+, H.264+, H.265, H.264 ;130dB WDR; 12 VDC and PoE (802.3af); IP67; Color: 0.0005Lux, 0 Lux with white light; 40m White light range.			
36. Hikvision 2-MP ColorVu Turret Camera. 2.8mm Lens; 24/7 full color Image;120dB WDR; 12 VDC and PoE (802.3af); IP66. 30m White light range. Built In Microphone.			
37. Hikvision 4-MP ColorVu Turret Camera. 2.8mm Lens; 24/7 full color Image;120dB WDR; 12 VDC and PoE (802.3af); IP67. 30m White light range.			
38. Hikvision 2-MP ColorVu Bullet Camera. 6mm Lens; Full time color Image.; 1920 x 1080 Resolution; H.265+, H.264+;120dB WDR; 12 VDC and PoE; IP67; 30m White light range.			
39. Hikvision 4-MP ColorVu Bullet Camera. 6mm Lens; Full time color Image; H.265+, H.264+; 120dB WDR; 12 VDC and PoE; IP67; 30m White light range.			

**SECTION 1. 7 - DASHCAMS**

Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
40. Hikvision Dashcam. 1080p video with 130°FOV. Max 128GB SD Card support. Built-in G-Sensor. Accessed through Wi-Fi using HikDashcam.			
41. Hikvision Dashcam. 1600p video with 130°FOV. GPS & G-Sensor built-in. F1.6 lens. Voice Control & ADAS features.			

**SECTION 1. 8 - PAN TILT ZOOM NETWORK CAMERAS: OUTDOOR**

42. Hikvision Outdoor 25X 2-MP Infra-red Network PTZ Dome Camera. Up to 1920 × 1080; Min. illumination: Colour: 0. 005; WDR, BLC, 3D DNR, Defog, EIS, Regional Exposure, Regional Focus; Up to 100 m IR distance; 12 VDC & PoE+; Support H.265+/H.265 video compression. <b>DS-2DE4225IW-DE(T5)</b>			
43. Hikvision Outdoor 2-MP 25X Network IR PTZ Camera. 1/2.8" Progressive Scan CMOS; 3D intelligent positioning function; Up to 150m IR distance; Audio & Alarm I/O's; DWDR; IR cut filter; Support up to 128GB Micro SD card slot; Hi-PoE / 24VAC.			
44. Hikvision Outdoor 2-MP 25X Ultra-low Light Network PTZ Dome Camera. Darkfighter Power; Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection; 25X Optical Zoom; WDR; IR distance: 200m; Support rapid focus; 24V AC / Hi-PoE; IP67.			
45. Hikvision Outdoor 2-MP 25X Ultra-low Light Network Darkfighter PTZ Dome Camera. Support face and vehicle detection; 25X Optical Zoom (5.9-147.5mm lens); 140DB WDR; IR distance 400m; Support rapid focus; 24V AC / Hi-PoE; IP67.			

**SECTION 2 - NETWORK VIDEO RECORDERS (NVR'S)**

**SECTION 2.1 - 4-CHANNELS**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
46. Hikvision 4-Channel Q1 Series NVR. Connectable to the third-party network cameras; H.265+/ H.265 compression; Full channel recording at up to 4-MP resolution HD Video Output; 1 SATA HDD / 6TB; Supports line crossing and intrusion detection.			
47. Hikvision 4-Channel Q1 Series NVR. 4 Independent PoE network interfaces; H.265+/H.265 compression; Full channel recording at up to 4-MP resolution HD Video Output; HDMI/VGA output at 1080p resolution playback; 1 SATA HDD / 6TB; Supports line crossing and intrusion detection.			

**SECTION 2.2 - 8-CHANNELS**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
48. Hikvision 8 Channel Q1 series NVR- 60Mbps Bit Rate Input Max (up to 8-ch IP video), 1 SATA interface, mini 1U case (Plastic).			
49. Hikvision 8-Channel Q1 series NVR. 8 Independent PoE network interfaces; 60Mbps record bandwidth; HDMI/VGA output; H.265/H.264/H.265+/H.264+; 1 SATA interface.			
50. Hikvision 8-Channel Embedded NVR. Up to 8-MP resolution recording; VGA output at up to 1920×1080P resolution; HDMI output up to 4K resolution; Support H.265/H.264/MPEG4 video formats; Incoming & Outgoing bandwidth: 80 / 160Mbps; Up to 2 SATA interfaces; Alarm I/O's			
51. +Hikvision 8-Channel Embedded Plug & Play NVR. 8 Independent PoE network interfaces; 80Mbps record bandwidth; VGA output up to 1920×1080P resolution; HDMI output up to 4K resolution; H.265/H.264/MPEG4; Hard disk: 2 SATA interfaces; 1 x Two-way audio input.			

**SECTION 2.3 - 16-CHANNELS**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
52. Hikvision 16-Channel Embedded NVR. Up to 8-MP resolution recording; 160Mbps record bandwidth; VGA output up to 1920×1080P resolution; HDMI output up to 4K resolution; Incoming & Outgoing bandwidth: 160 / 160Mbps; H.265/H.264/MPEG4; Up to 2 SATA interfaces.			
53. Hikvision 16-Channel Embedded Plug & Play NVR. 16 Independent PoE network interfaces; Up to 8 Megapixels resolution recording; Support 1-ch HDMI, 1-ch VGA, HDMI at up to 4K resolution; Incoming & Outgoing bandwidth: 160 / 160Mbps; Up to 2 SATA interfaces; Alarm I/O's			
54. Hikvision 16-Channel AcuSense Series Embedded NVR. H.265+/H.265/H.264+/H.264; Up to 12-MP high-definition live view; Up to 256 Mbps high incoming bandwidth; 2 HDMI and 1 VGA interfaces: HDMI interfaces support independent video output; 4 HDDs for continuous video recording; 4-ch false alarm reduction through human and vehicle target classification based on deep learning.			
55. Hikvision 16-Channel AcuSense Embedded NVR with 16 PoE. Supports decoding H.265+/H.265/H.264+/H.264; Up to 12 MP high-definition live view, storage and playback; Up to 12-ch @ 1080p decoding capacity; Up to 256 Mbps high incoming bandwidth; 2 HDMI and 1 VGA interfaces: HDMI interfaces support independent video output; 4 HDDs for continuous video recording; Plug & Play with 16 Power-over-Ethernet (PoE) interfaces; 4-ch false alarm reduction through human and vehicle target classification based on deep learning.			

**SECTION 2.4 - 32-CHANNELS**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
56. Hikvision 32-Channel AcuSense Embedded NVR with PoE. Supports decoding H.265+/H.265/H.264+/H.264; Up to 12 MP high-definition live view, storage and playback; Up to 12-ch @ 1080p decoding capacity; Up to 256 Mbps high incoming bandwidth; 2 HDMI and 1 VGA interfaces: HDMI interfaces support independent video output; 4 HDDs for continuous video recording; Plug & Play with 16 Power-over-Ethernet (PoE) interfaces; 4-ch false alarm reduction through human and vehicle target classification based on deep learning.			
57. Hikvision 32-Channel NVR - 256Mbps Bit Rate Input Max (up to 32-ch IP video), 4 SATA Interfaces, 2 HDMI outputs, 1 VGA port, 1 CVBS output, 1 eSATA, alarm I/O: 16/4, 1.5U case, 19".			
58. Hikvision 32-Channel Professional Embedded NVR. Incoming / Outgoing bandwidth: 320/256 Mbps; H.264/MPEG4, HDMI, VGA & CVBS output; Hard disk: 8 SATA interfaces (with expansion bracket); Alarm I/O's; 16-Ch POS feature; Two-way Audio; 19" 2U Rack mount chassis.			
<b>SECTION 2.5 - 64-Channels</b>			
59. Hikvision 64-Channel Professional Embedded NVR. HDMI1 output at 4K & VGA1 output @2k resolution; HDMI2/VGA2 output resolution @1080p; Incoming / Outgoing bandwidth: 320/256 Mbps; Hard disk: 8 SATA interfaces (with expansion bracket); 1x Two-way audio input.			

**SECTION 3 - NETWORK KEYBOARDS**

Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
60. Hikvision USB Keyboard. Power supply and communication by USB port directly; 3D PTZ control and 2 joystick control buttons; Up to 15 programmable buttons are available; Support digital tube to display the input content; Support USB HID protocol.			
61. Hikvision LCD Touch Panel Network Keyboard. Ergonomic design with 800×480 LCD touch panel; Live view and playback of video on screen at up to 1080p resolution; Control PTZ and video decoders.			

**SECTION 4 - VMS (HIKVISION SOFTWARE) this section is optional, costing is provided for the purpose of evaluation council reserves the right to procure none or as many licenses as required.**

**Add-on Module**

62. iVMS-5200 Pro Mobile: GIS Base License (Car GPS location display in GIS map, track playback etc.)			
63. iVMS-5200-MS-C			
64. Mobile surveillance Business Intelligence Base License. Support the traffic data analysis including the Mileage Statistics, Network Traffic and Online Duration.			

**SECTION 5 - HIKCENTRAL HIKVISION SOFTWARE - this section is optional; costing is provided for the purpose of evaluation council reserves the right to procure none or as many licenses as required.**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
65. Hikvision HikCentral Base License Software. Delivery I; HikCentral Remote Site management base package - which includes prerequisites for RSM settings and 2 Remote Sites manageable.			
66. Hikvision HikCentral Site License Software. Delivery I, 1 Remote Site manageable.			
67. Hikvision HikCentral Video Surveillance Base License Software. Delivery I; HikCentral video surveillance base package - which includes prerequisites for channel expanding, all fundamental features of video surveillance system and 4 cameras manageable.			
68. Hikvision HikCentral Access Control Base License Software. Delivery I; HikCentral access control base package - which includes prerequisites for door expanding, all fundamental features of ACS and 2 doors manageable.			
69. Hikvision HikCentral Door Access Channel License Software. Delivery I; 1 door manageable.			
70. Hikvision HikCentral Video Wall Base License Software. Delivery I; HikCentral smart wall base package - which includes all functions of smart wall without resource limitation.			
71. Hikvision HikCentral ANPR Channel License Software.			

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
72. Hikvision HikCentral Facial Recognition Channel License.			
73. Hikvision HikCentral UVSS Base License Software. Delivery I; HikCentral under vehicle surveillance system base package - which includes all functions of UVSS module and 4 UVSSs manageable.			
74. Hikvision HikCentral Time & Attendance Base License Software. Delivery I; HikCentral time and attendance base package - which includes all functions of time and attendance.			
75. Hikvision HikCentral Software Upgrade Service. Delivery I; software remote upgrade service for 1 camera per year when beyond free SUP period (24 months).			
76. Hikvision HikCentral Software Customization. Delivery I; HikCentral new function customization (per day per engineer).			
<b>SECTION 6 - NETWORK SWITCHES - this section is optional; costing is provided for the purpose of evaluation council reserves the right to procure none or as many licenses as required.</b>			
77. Hikvision 4-Port 100 Mbps Unmanaged Economical PoE Switch. 4 x 10/100 Mbps Auto-MDIX Ports; PoE Power Budget 58W; 1 Uplink Port; 4 kV Surge Protection; IEEE 802.3x Flow Control Support; Plug-and-Play Installation; 250m Extended PoE support.			
78. Hikvision 8-Port 100 Mbps Unmanaged Economical PoE Switch. 8 x 10/100 Mbps Auto-MDIX Ports; 30 Watts per PoE Port, PoE Power Budget 123W; 1 Uplink Port; IEEE 802.3x Flow Control Support; 250m Extended PoE support; Plug-and-Play Installation.			

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
79. Hikvision 16-Port 100Mbps Unmanaged Switch, 16 100M PoE port, 2 1000M combo port, 802.3af/at, PoE power budget 230W.			
80. Hikvision 24-Port 100 Mbps Web-managed PoE Switch. 802.3af/at PoE standard; 8-core power supply technology; 250m Extended PoE support; 2 Uplink ports; 2 SFP combo ports; Buffer optimization to guarantee the video data transmission; Store-and-forward switching.			
81. Hikvision 24-Port 100 Mbps Unmanaged PoE Switch. 24 x 10/100 Mbps PoE ports and 2 x 10/100/1000 Mbps combo uplink ports. Maximum 250m long distance POE transmission. 370W PoE power Budget.			
82. Hikvision 24-Port 100 Mbps Base-T PoE Switch. Supports the telecom-level Ethernet-ring protection protocol with a protection shift time of less than 50ms; Layer 2 Full Managed; 24 port PoE; High end performance.			
<b>SECTION 7 - HIKVISION CAMERA AND PTZ BRACKETS</b>			
<b>SECTION 7.1 - CAMERA BRACKETS</b>			
83. Hikvision In- & Outdoor Wall Mount Dome Camera Bracket. Hikvision White; Aluminium alloy; Ø88.5 mm.			
84. Hikvision In- & Outdoor Wall Mount Dome Camera Bracket. Suitable for DS-2CD27x5 domes; Hikvision White; 136x183x213mm.			
85. Hikvision Power Intake Box for Hikvision Bullet Range. Indoor/Outdoor; Aluminium alloy material; Dimensions: 88.5mm.			

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
86. Hikvision Junction Box for Dome Cameras. White Aluminium alloy Φ101 mm; Good for DS-2CE56C0T-VPIR / DS-2CE56D1T-VPIR.			
87. Hikvision Junction Box for Dome Cameras. Indoor/Outdoor; Hikvision White; Aluminium alloy material; Φ157×185×51.5mm.			
<b>SECTION 7.2 - PTZ BRACKETS</b>			
88. Hikvision Universal Vertical Pole Mount Adapter for Most Wall Mounts PTZ Cameras - Stainless Steel; Hikvision White; Suitable for DS-2TD2235D-25/50.			
89. Hikvision Wall Mounting Bracket for Dome Camera. Aluminium alloy material, White. Use with DS-2CD2725FWD-IZS, DS-2CD2745FWD-IZS, DS-2CD2726G1-IZS, DA-2CD2746G1-IZS range of dome cameras.			
90. Hikvision In- & Outdoor Wall Mount Camera Bracket. Wall mount bracket; Hikvision White; Aluminium alloy & Steel; 97x182x305mm.			
91. Hikvision Corner Mount Bracket for PTZ Dome Cameras. Wall mount; Neat and small design; Hikvision White; Aluminium alloy & Steel.			
92. Hikvision Vertical Pole Mount Bracket. Vertical pole mount bracket; Hikvision White; Aluminium alloy & Steel.			
93. Hikvision Pendant Mount Bracket for PTZ Dome Cameras. Pendant mount - 50cm; Hikvision White; Aluminium alloy & Steel; 116.5x500mm.			

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<p>94. Hikvision Pendant Mount Ceiling Bracket. Compatible camera types PTZ / dome / PanoVu depending on bracket model (e.g. DS-1662ZJ, DS-1668ZJ). Material aluminum alloy or galvanized steel with weather-proof surface finish/treatment (paint or powder/spray) Color Hikvision White or light grey in most models. Maximum Load Capacity ranges from ~ 3 kg for lighter dome camera brackets up to ~ 30 kg for PTZ / PanoVu brackets. Bracket Length / Extension variant example 500 mm for models like DS-1662ZJ (pendant length). Bracket Width / Diameter around 116.5 mm for DS-1662ZJ model; dimension of diameter or base plate varies by model. Weight of bracket examples -960 g for DS-1662ZJ 500 mm pendant bracket; lighter models for smaller cameras less. Cable routing built-in in many models with entry / outlet hole for wiring; often includes rubber seals or blankets for waterproofing when used outdoors. Safety features some models include safety cable hook or provision for safety cable to secure camera during installation or maintenance. Finish surface treated for outdoor use (spray painting, galvanizing) to resist corrosion and weather exposure Recommended mounting surface must be flat and strong enough to support at least 3x the combined weight of camera plus bracket for safety margin.</p>	
<p>95. Tripod Bracket Wall mount 10cm. Dimensions 285 mm × 115 mm × 280 mm. Weight approximately 1 kg. Material type not explicitly stated (locally sourced metal). Colour typical metallic finish (galvanized or electroplated options are available for similar models). Fixing method includes U-bolts for securing mast tubes or poles. Load support suitable for small tripod brackets / mast tubes / poles (light to moderate weight). Design brand / SKU BRA-TS (Unbranded locally sourced). Use case wall mount mounting tripod-like mast or tube against a vertical surface (wall)</p>	
<p>96. Tripod Bracket – 47 cm. Dimensions about 650 mm × 470 mm × 450 mm. Bracket length (projection from wall) approx. 47cm ("Large") .Weight approx. 2.4kg Material locally sourced metal (galvanised steel or electroplated finish depending on variant) .Includes U-bolts for securing mast tubes / poles .Suitable for mounting mast / pole structures (tripod-like brackets) on wall surfaces .Finish options include galvanized (hot-dip) or electroplated to resist rust / corrosion</p>	
<p>97. 38mm Aluminium Pole / Mast 2M. Diameter 38 mm. Length 2.00 m. Wall / material thickness about 2 mm. Material Aluminum (lightweight, corrosion-resistant). Finish natural or mill aluminum (may include anodized or coated options depending on supplier). Approximate weight (empty) around 1.5-2.5 kg (varies by manufacturer). Use case suitable for mounting antennas, cameras, signage, brackets etc. Mounting options: vertical pole, uses brackets or U-bolts for fixing to wall or tripod bracket.</p>	

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<p>Maximum load depends on bracket and wind loading; designed to handle moderate loads typical for antenna or camera without heavy wind exposure. Transportable / manageable size for one person to install</p>	
<p>98. 38mm Aluminium Pole / Mast 4M. Nominal outer diameter 38 mm Length 4.00 m. Wall thickness commonly 1.2-2.0 mm (depending on strength required). Material aluminium alloy (lightweight, corrosion resistant). Finish raw or anodised or powder coated for weather resistance. Weight roughly 2.5-5.0 kg (depending on wall thickness). Internal diameter approx 34-36 mm (depending on wall thickness). Maximum load capacity modest (for surveillance camera / antenna), depends on mounting bracket and wind exposure. Recommended mounting: secured at base, possibly braced or supported to prevent sway. Suitable for outdoor installation (antennas, cameras, masts). Corrosion protection via aluminium's natural oxide + optional coating. Easy transport and lift by one person (for "light" versions). Terminals: may have holes or flange at top for mounting equipment or bracket.</p>	
<p>99. 38mm Aluminium Pole / Mast 6M. Nominal outer diameter 38 mm Length 6.00 m. Wall thickness varies by model (commonly 2.0-3.0 mm for moderate strength; thinner poles might be ~ 1.5 mm). Material aluminium alloy (lightweight, corrosion-resistant). Finish natural aluminium or powder/yellow chromate or anodised / weather-resistant coating available. Weight approximately 5-8 kg depending on wall thickness Applications: mounting antennas, cameras, satellite dishes, light fixtures, signal devices etc. Corrosion protection via aluminium's natural oxide plus external finish. Suitable for outdoor installation. Wind exposure considerations: may require guy wires or bracing at that height to prevent sway Mounting provision: top may. have cap or flange for fitting antenna or bracket; base needs secure mounting / foundation. with alloy)</p>	
<p>100. 38mm Aluminium Pole / Mast 10M. Outer diameter 38 mm Length 10.00 m. Wall thickness likely 2.0-3.0 mm for adequate rigidity. Material aluminium alloy (lightweight, corrosion-resistant). Finish raw aluminium or anodised or powder coated for weather protection. Weight approx 10-15 kg depending on wall thickness and alloy Inner diameter approx 32-34 mm depending on wall thickness. Suitable for mounting antennas, cameras, or sensors at height. Requires secure base or bracket at bottom; may need guy wires or support to reduce swaying in wind. Resistant to corrosion;</p>	

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aluminium's natural oxide plus external coatings help. Terminal / top cap / mounting point likely provided or to be fitted

**SECTION 8 - WIRELESS CONNECTIONS - this section is optional; costing is provided for the purpose of evaluation council reserves the right to procure none or as many licenses as required.  
(TO BE CONSIDERED AS SECONDARY LINK WHEN FIBRE IS AVAILABLE)**

Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
101. Ubiquity Airmax 5GHz PtP dish 34dbi 105 3'			
102. Ubiquity Rocket AC 5Ghz PtmPradio 1xGE			
103. Ubiquity LiteAP AC 5GHz Sectors 16dbi 120'			
104. Ubiquiti UISP airMAX 5GHz 19dBi 120° Sector Antenna			
105. Airmax Rocket Radio for Sector			
106. Ubiquity wireless Litebeam AC G2 5GHz CPE 1xGE 23dbi			
107. Ubiquiti UISP airMAX Lite Beam M5 5GHz 23dBi Radio   LBE-M5-23			
108. Ubiquiti UISP airMAX Power Beam AC 5GHz 25dBi Isolator Radio   PBE-5AC-ISO-Gen2			
109. LTU - LR Radio			
110. LTU - XR			

**SECTION 9 - ACCESS CONTROL**

**SECTION 9.1 - TEMPERATURE TERMINALS**

Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
111. Temperature Measurement Walk-Through Detector. ISD-SMG318LT-D walk-through metal detector, adopting the thermal imagery technology.			
112. Hikvision Face Recognition Terminal with Temperature Screening Function. Supports Vanadium Oxide uncooled sensor to measure target's temperature; Temperature measuring range: 30 °C to 45 °C (86 °F to 113 °F), accuracy: ± 0.5 °C without black body calibration; Recognition distance: 0.3 to 2 m; Fast temperature measurement mode: Detects face and takes skin-surface temperature without identity; Multiple authentication modes are available: card and temperature, face and temperature, card and face and temperature; Face mask wearing alert; 7-inch LCD touch screen; 2-MP wide-angle lens; Built-in Mifare card reading module; Max.50,000 faces capacity, Max.50,000 cards; Verification methods: Supporting fast temperature measurement and face/card recognition with temperature screening; Authentication distance: 0.3-2 m; Temperature range: 30-45°C, accuracy: ±0.5°C; Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out; Without power supply.			
113. Hikvision Floor Stand for DS-K1T671M Terminal. Material: SPCC; Weight: 6.7 kg; Dimensions (W x H x D): 98.5mm x 1342 mm x 225 mm.			
114. Android Indoor Station. 7-inch colourful touch screen with resolution 1024 × 600; Remote temperature screening & records checking, real time preview; Centralized data management, max to 100,000 records; Abnormal temperature alarm; Remote access control & video intercom.			

**SECTION 9.2 - NETWORK IP INDOOR VIDEO**

Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
115. Hikvision 7-inch 2.5D TFT colorful touch screen with resolution 1024 × 600; 10/100Mbps Ethernet, Wi-Fi 802.11b/g/n; standard PoE/ 12 VDCTF card, max 32G, 8-ch alarm input, 2x alarm output, 1x485, Built-in Hik-Connect for all-in-one management, Supports Android app installation, Open platform for the third-party software integration.			
116. Hikvision 3.5" TFT LCD Waterproof Metal Outdoor Video Intercom Station. Keypad to dial multiple indoor stations; HD video surveillance; iVMS4200 or Touch Key; 1.3- MP Camera; 3.5" Colour TFT LCD; Visible Light Supplement; 10M/100M/1000M, Wiegand & RS-485; IP65; 12 VDC.			
117. Hikvision Plastic Villa Door Station. 2MP video with wide view angle and IR Supplement, POE/12VDC input Built-in MiFare card reader. IP65. Direct call to HikConnect supported.			
118. Rain-shield for 1 module DS-KB8003 gate-station, Galvanised Steel.			
119. Rain-shield for 2 module DS-KB8003 gate-station, Galvanised Steel.			
120. Hikvision 2 Button Villa Gate-Station. 2MP video with IR supplement, POE/12VDC input. 2 Physical buttons, MiFare Card Reader, WiFi support, IP65.			

**SECTION 9.3 - HIKVISION NETWORK ACCESS CONTROL SYSTEM CONTROLLERS**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
121. Hikvision Video Intercom Display Module. 3.5" LCD Screen with 320 x 480 Resolution; 4 Physical Buttons with Backlight; Up to 500 Contacts Supported; Dials Number and Calls Indoor Station with Keypad Module; Unlocks Door with PIN Code Through Keypad Module; IP65 Protection.			
122. Hikvision Gate station Video Module with Surface Mounting Accessories, CMOS 2MP HD Colourful Camera, Fish eye, 1 Call Button, 1-ch Indoor station, 2 relays for door lock control, IR Supplement, 10M/100M Self-adaptive Ethernet, module connection with RS-485, 4-ch alarm input, IP65, 12 VDC or standard 48V POE, IP65 (DS-KD8003-IME1+DS-KD-ACW1).			
123. Hikvision Gate station Video Module, CMOS 2MP HD Colourful Camera, Fisheye, 1 Call Button, 1-ch Indoor station, 2 relays for door lock control, IR Supplement, 10M/100M Self-adaptive Ethernet, module connection with RS-485, 4-ch alarm input, IP65, 12 VDC or standard 48V POE, IP65.			
124. Hikvision 6 call button Module, connection RS-485, P65, requires accessories.			
125. Hikvision Indicator Module, connection RS-485, IP65, Backlight, use with Flush or Surface mounting, 98.21mmx100.21mm x33.7mm, powered by main module (Power input: 12VDC, Power output: 12VDC).			
126. Hikvision Blank Module, IP65, use with Flush or surface mounting accessories, 8.21mmx100.21mm x33.7mm.			

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Technical Specification	Brand (Tick x)	or Equivalent (Tick x)	Equivalent technical specification
127. Hikvision Keypad Module, connection RS-485, IP65, Backlight, use with Flush or Surface mounting accessories, 98.21mmx100.21 mm x33.7mm, key in password to open door, unlock door via swiping card, powered by main module (Power input: 12VDC, Power output: 12VDC).			
128. Hikvision card reader Module, Mifare 13.56MHz, connection RS-485, IP65, Backlight, use with Flush or surface mounting accessories, 98.21mmx100.21mm x33.7mm, unlock door via swiping card, call resident inputting room number, powered by main module (Power input: 12VDC, Power output: 12VDC).			
<b>SECTION 9.4 - ACCESS CONTROL</b>			
129. Hikvision Standalone Access Control Terminal, 3,000 fingerprints & 100,000 events, Access Control & Time Attendance Function, Optical Fingerprint Module, TCP-IP, RS485(Connect to Secure Module), Wiegand out & Wiegand in.			

**SECTION 9.5 - RS485/WIEGAND BIOMETRIC & CARD READER TERMINALS FOR SYSTEM CONTROLLERS**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
130. Hikvision Face recognition distance: 0.3 m to 1.5 m, 3,000 face capacity, 3,000 card capacity, 3000 fingerprint capacity (should be supported by device model) and 150,000 event capacity; Face recognition duration < 0.2 s/User; face recognition accuracy rate ≥ 99%; Two-way audio with indoor station and master station; Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out; Configuration via the web client; Remotely opens door and starts live view via Hik-Connect; Supports ISAPI and EHome 5.0.			

**SECTION 9.6 - HIKVISION FACE RECOGNITION**

131. Hikvision Face Recognition Terminal. 7" LCD touch screen, 2 Mega pixel wide-angle dual-lens, Built-in Mifare card reading module; Max. 5000 faces capacity and Max. 5000 fingerprints capacity; Max. 6000 cards; Two-way audio with client software, door station, indoor station, and master station; Supports TCP/IP, DC 12V/3A; IP65; Fingerprint devices are recommended for using in indoor environment.			
132. Hikvision Protective Shield for DS-K1T671 series, DS-K1T671T series; Material : PC; Weight 172 g (0.4 lb); Dimension (W × H × D) : 135 mm × 250 mm × 80 mm (5.3" × 9.8" × 3.1").			
133. Hikvision Face Recognition Terminal with Temperature Screening Function. Supports Vanadium Oxide uncooled sensor to measure target's temperature; Temperature measuring range: 30 °C to 45 °C (86 °F to 113 °F), accuracy: ± 0.5 °C ; Recognition distance: 0.3 to 1.8m; Fast temperature measurement mode: Detects face and takes skin-surface temperature identity; Multiple authentication modes are available: card and temperature, face and temperature, card and face and temperature; Face mask wearing alert; 7-inch LCD touch screen; 2-MP wide-angle lens; Built-in Mifare card reading module; Max. 6,000 faces capacity, Max. 6,000 cards; 12VDC 2A. Indoor environment.			

**SECTION 9.7 - HIKVISION FINGERPRINT AND CARD READERS**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
134. Hikvision IP65 Fingerprint Reader, Mifare card, 5000 Fingerprint, RS485, IP65, Wall mounting with screws, the Gang Box is not supported.			
135. Hikvision IP65 Card Keypad Reader, Mifare card, Keypad, RS485 & Wiegand, Tamper-proof alarm, Dust-proof, IP 65, Applied for 86 & 120 Gang Box.			
136. Hikvision USB Fingerprint Enrolment Reader. Plug-and-play USB with no-driver technology, USB 2.0			
137. Hikvision USB Card Enrolment Reader. Plug-and-play USB with no-driver technology; Supports various card types (Mifare card and EM card). Card Issuer for Project Market			
138. Hikvision Access Control - Supports enrolling face picture, fingerprint (optional), 13.56 MHz Mifare 1 card, and 125KHz EM card. 3.97-inch LCD touch screen, 2 Mega pixel wide-angle lens;			

**SECTION 9.8 - HIKVISION ELECTROMAGNETIC LOCK**

139. Hikvision Magnetic Lock, Single-door, 280 kg linear thrust; 12 VDC, 340 mA; Dimension of lock body (L × W × H): 238 × 45 × 25 mm			
140. Hikvision LZ-Bracket for Magnetic Lock (DS-K4H258S/D)			

**SECTION 9.9 - IMPRO ACCESS CONTROL**

141. CLUSTER CONTROLLERS			
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<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
142. WIEGAND MODULES			
143. ANTENNA MODULES			
144. IO8 MODULES			
145. SIGMA MORPHO			
146. BMTA(BIOMETRIC TIME AND ATTANDANCE)			
147. UPASS NEDAP ACCESS			
148. SIGMA LITE			
149. PORTAL PRO SOFTWARE WITH LICENCE			
<b>SECTION 10 - ACCESSORIES</b>			
<b>SECTION 10.1 - Decoders</b>			
150. Hikvision DS-6900 Series Decoder (4K&H.265). HDMI output: 4-Ch, 4K: 3840×2160@30Hz (for odd interface only); BNC output: 2-ch, 2 DB 15; Input: VGA/DVI/RJ45; Audio/Video decoding: Up to 12-MP, 32 decoding channels; Two-way audio in/out: 1-Ch; Alarm in/out: 8-Ch; 220 VAC			

**SECTION 10.2 – CABLES / HDMI**

<b>Technical Specification</b>	<b>Brand (Tick x)</b>	<b>or Equivalent (Tick x)</b>	<b>Equivalent technical specification</b>
151. Network Cable-Hikvision (100% copper)			
152. Hikvision UTP 4 Pair CAT 5E Network Cable. 305 meters; Core diameter: 0.5mm; Conductor: Solid-bare copper (100%); Insulation: HDPE/1.02±0.03mm; CM; Grey; Top quality.			
153. Hikvision UTP 4 Pair CAT 6 Network Cable. 305 meters; Core diameter: 0.565mm; Conductor: Solid-bare copper (100%); Insulation: HDPE/1.02±0.03mm; OFC; CM; Orange; Top quality.			
154. Cable Type: HDMI to HDMI. Length: 10 meters. Design: Braided for durability. Color: Black and Red. Connector Type: Standard HDMI (Type A) male to HDMI (Type A) male. Compatibility: Supports HDTVs, Blu-ray players, gaming consoles (e.g., PS5, Xbox), laptops, PCs, monitors, and projectors. Resolution Support: Up to 4K Ultra HD (depending on version). HDMI Version: Typically, 2.0 or higher (check product specifics). Bandwidth: Up to 18 Gbps (for HDMI 2.0). Audio Support: Dolby True HD, DTS-HD Master Audio, and other high-definition audio formats. Video Features: Supports 3D, ARC (Audio Return Channel), and CEC (Consumer Electronics Control). Build Quality: Gold-plated connectors for better signal transmission and corrosion resistance Shielding: Triple shielding to minimize interference Outer Jacket: Braided nylon for extra durability and tangle resistance Plug-and-Play: No software or drivers require			
155. HDMI to HDMI. Length: 5 meters. Connector Type: HDMI Type A male to HDMI Type A male. Connector Plating: Gold-plated for improved signal quality and corrosion resistance. Design: Braided outer layer for enhanced durability and tangle resistance. Color: Typically, black with possible color accents (varies by brand). HDMI Version: Usually HDMI 2.0 or higher (supports up to 4K at 60Hz; confirm specific version if needed). Bandwidth: Up to 18 Gbps (for HDMI 2.0). Resolution Support: Supports Full HD (1080p), 4K Ultra HD (2160p), and 3D video. Audio Support: Supports high-definition audio formats including Dolby Trued and DTS-HD Master Audio.ARC			

<p>Support: Audio Return Channel enabled Support: Consumer Electronics Control enabled for controlling devices over HDMI. Shielding: Triple shielding to reduce electromagnetic and radio frequency interference. Compatibility: Works with TVs, monitors, projectors, Blu-ray players, gaming consoles (e.g., PS5, Xbox), PCs, and other HDMI-enabled devices. Plug-and-Play: No drivers or software required for use</p>	
<p><b>Section 10.3 - CABINETS / WALL BOXES / ACCESSORIES</b></p> <p><b><u>Video Surveillance, Data Cabinets, CCTV Accessories</u></b></p>	
<p>156. 6U Swing Frame Wall Box. 600mm total dept 267(H) x 570(W) x 600(D) mm</p>	
<p>157. Cabinet 9U Wall Box Swing frame 600mm incl Fan &amp; Power570(W) x 600(D) x 400mm(H), 100mm Swing frame collarGlass front door, Cable entry top and bottom, Fan and Plastic 5-way power (3pin) Black.</p>	
<p>158. 12U Swing Frame Wall Box. . Size: 12U. Depth: 550 mm. Dimensions (H×W×D): 635 × 600 × 550 mm Material: Cold-rolled steel; powder coated. Door: Glass front door..Load capacity: 60 kg Weight: ~34.50 kg .Compatibility: Works with trays CAB-T300, CAB-T275 .Extras: Supplied flat-packed; shelves &amp; fans not included</p>	
<p>159. 9U Internal Fixed Wall Box. .9U Depth: 450 mm. Height × Width × Depth: 500 × 600 × 450 mm. Material: Mild (cold-rolled) steel, powder-coated. Front door: Glass door. Mounting: Fixed to wall. Supplied flat-packed (or assembled, depending on version) Shelves: Not included .Fans: Not included .Tray compatibility: CAB-T300, CAB-T275 Weight capacity: 60 kg .Weight: approx. 24.10 kg.</p>	
<p>160. 450mm Front Mount Tray. Depth 450 mm. Rack height used 2U. Fits standard 19-inch EIA racks / cabinets / frames. Load capacity 10 kg. Material Steel. Finish Powder-coated. Mounting Front mounting to front uprights; includes cage nuts / screws. Weight of tray 2 kg</p>	
<p>161. Brush Panel - No Lip. Height: 1U Width fits standard 19-inch rack/cabinet front mount. Material: aluminum panel, powder-coated black; brush strip made of nylon or similar synthetic fibres. Panel thickness: approx 0.060 in (≈1.5 mm) for aluminum body. Finish: Black powder paint. Purpose: allows patch cords / cables to pass through the</p>	

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<p>panel; tidies cable routing; prevents dust ingress. Weight: light / relatively small; approx 0.2-0.3 kg depending on mak .</p>	
<p>162. Brush Panel - With Lip. Rack unit: 1U Mounting style: front-mount, 19-inch rack rails .Material: SPCC cold-rolled steel (powder-coated) .Color: black (RAL 9004 / similar) .Brush: dense synthetic bristles (nylon or polypropylene) in the cable opening. Opening for cables: approx. 400 × 24 mm for the Ubiquiti model .Overall dimensions: ~482 × 44 × 10-11 mm (L×H×D) for many panels in this class Operating temperature range: e.g. -20°C to +75°C for the Infinique model Compliance: RoHS or similar environmental/quality standard.</p>	
<p>163. Port Patch Panel. 4 ports RJ-45 1U height. Designed for standard 19-inch rack/cabinet mounting. Cable categories: Cat-6, or Cat-6a, often backward compatible with Cat-5/5e. Shielded or unshielded options. Supports T568A and T568B wiring schemes. Wire gauge support: solid wire, typically 22-26 AWG. Material: steel (powder-coated finish, often black), with plated contacts (e.g. phosphor bronze, sometimes gold or tin plating) .Port labelling / numbering on face for identification .Strain relief / cable management rear or integral (guide bars, cable ties etc.)</p>	
<p>164. 27Ux800mm Floor standing Cabinet. Size 27U, 800 mm deep. Height 1.35m Width 600 mm. Free-standing, includes adjustable feet (and often castors/wheels). Glass front door, lockable. Solid or vented rear/sides as per model. Built-in cooling: 4 fans included (top or mounted on top plate). Supplied flat-packed for easier transport. Mounting: 19-inch rack rails, numbered punch/u-profiles front (and sometimes rear).Load capacity ("static"): around 300-800 kg depending on steel gauge and reinforcements. Material: cold-rolled / SPCC steel, powder-coated finish. Includes a 6-way power distribution unit (PDU) or power strip mounted suitably. Comes with ~20 mounting kits (nuts/bolts/cage nuts).Shelves/trays included (flat shelves or full-depth shelves as needed).Tray compatibility: specified in many models (e.g. trays of 300 mm or 550 mm depth). Side / rear panels removable and lockable for access and security.</p>	
<p>165. RJ45 Cat6 Wallboxes. Supports RJ45 female port(s), usually 1-port or 2-port, sometimes more. Compatible with CAT6 / Cat6E cables (UTP or STP as applicable). Wiring standard support: T568A and T568B. Contact material: gold-flash plated or gold-plated contacts for corrosion resistance and better connectivity (often ~50 micro-inches gold plating). Termination method: IDC / LSA punch-down or Keystone jack style (tool-less in some models). Housing / box material: durable ABS plastic or polycarbonate; sometimes metal in shielded / STP versions. Colour finish typically white or light grey (for indoor installations). Mounting style: surface-mount (wallbox) or flush mount (faceplate style) depending on installation. Faceplate dimensions compatible with standard wall box / gang boxes or flush wall plates (single gang or multi-gang).</p>	

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<p>Shielding in boxes for STP versions includes grounding point under hood or box for cable shield connection. Meets industry standards: ANSI/TIA/EIA 568, ISO/IEC 11801, EN50173 etc. (Class E / Cat6 specification). Supports data rates up to 1 Gbps (1000BASE-T) and often up to 250 MHz frequency rating. Suitable for use with PoE / PoE+ applications (ensuring connectors and box don't introduce too much loss). Labeling or colour coding for wiring schemes or port identification in some models. IDC/Keystone modules removable and replaceable in many boxes for repair or upgrade</p>	
<p>166. 50U" RJ45 8. Connector type: RJ45 8P8C (8 positions / 8 conductors). Contact plating: gold plating ~ 50 micro-inches on contact surfaces (on pins). Suitable for cable categories: mainly Cat5e; also, Cat6 UTP or FTP / STP depending on model. Conductor gauge supported: solid or stranded wire, often 24-26 AWG. Housing / shell material: polymetric plastics like ABS or PC; sometimes metal/shielded shell for STP versions. Insulation resistance: high, often 100 MΩ or greater. Visibility / durability: rated for many mating cycles (e.g. 200-600 insertions depending on manufacturer). Mechanical features: retention strength, insertion force, matching the mechanical standards for RJ45 plugs / jacks. Electrical ratings: often low current (<math>\approx 1-2</math> A), rated for low voltage (tens to low hundreds VAC for insulation); for network / data applications. Operating temperature range: typically, from about -40°C up to +70°C (for contact/jack/plug assemblies)</p>	
<p>167. Grey RJ45 5mm Boot. Colour grey. Boot diameter ~ 5 mm to fit cable outer diameter (strain-relief hood) . Material flexible plastic / rubber / soft PVC for durability and flexibility. Provides strain relief to protect the RJ45 plug's clip and cable from bending or pulling damage. Easy installation: slide onto cable before crimping RJ45 connector. Used with Cat5, Cat5e, Cat6 (UTP or FTP/STP) cables depending on internal plug type. Sleek finish adds a neat / professional appearance to patch cables.</p>	
<p>168. Cat6A Patch Panel with Bar. Meets or exceeds Cat6A performance / class EA standards. Supports 10GBASE-T Ethernet speeds (10 Gbps). 24 RJ45 female ports 110-type punch-down IDC terminations on rear side. Compatible with both T568A and T568B wiring schemes. Cable management bar (rear) included for organizing patch cable slack. Mounts into a 1U 19-inch rack. Frequency rating up to ~500 MHz. Supports solid cable gauge approx 22-24 AWG. Fully unshielded or shielded versions depending on model. Front ports clearly numbered / labeled for easier identification. Panel made of steel (powder-coated or black finish). Rear cable ties or rear tie-off bracket included. PoE / PoE+ capable (some models support up to Type 4 / 100W). RoHS compliant and meets relevant ANSI / TIA / IEC / ISO standards. Operating temperature range roughly -10°C up to +60°C</p>	

<p>169. Cat6A Patch Cord 1m Blue. Length 1 meter Category Cat6A / ANSI/TIA-568.2-D or ISO/IEC 11801 Class EA compliance. Cable type UTP (Unshielded Twisted Pair) or optionally screened (STP) depending on model. Conductor material stranded copper. Conductor gauge typically 24-AWG or 26-AWG (some premium cords use 23-AWG). RJ-45 connectors both ends (8P8C), gold-plated contacts for improved conductivity and corrosion resistance. Boot type molded; often snagless strain relief to protect the clip / reduce stress at connector end. Colour Blue jacket. Bandwidth up to ~500 MHz. Supports data rates up to 10 Gbps (10GBASE-T) over appropriate channel length. Jacket material PVC or LSZH (Low Smoke Zero Halogen) depending on safety/fire rating. Operating temperature range roughly -20°C to +60°C. Insertion/mating cycles durability often <math>\geq 750</math> cycles (connector lifetimes) Compatibility with PoE / PoE+ power delivery.</p>	
<p>170. CAT6A- 1m-Blue. Length 1 meter Category CAT6A / Class EA Cable type UTP (or optionally S/FTP or shielded in some versions). Conductor material stranded bare copper. Wire gauge typically 24 AWG. Jacket colour blue. Jacket material PVC or LSZH (Low Smoke Zero Halogen) depending on the variant. Connector type RJ-45 male on both ends. Gold plated contacts (often 30-50 micro-inches). Supports bandwidth up to 500 MHz. Data rate up to 10 Gbps (10GBASE-T). Compliance to ANSI/TIA-568.2-D or ISO/IEC 11801 Category 6A specifications. Durability / mating cycles approx 750 insertions. Temperature rating approximately -20 °C to +60-80 °C. Plug boot often molded with strain relief to protect the cable-plug junction. Compatible with PoE / PoE+ / PoE++ power delivery.</p>	
<p><b>Section 10.4 - TV SCREENS</b></p>	
<p>171. 65-inch screen 4K Ultra HD resolution (3,840 × 2,160). LED panel, flat screen. HDR support: HDR10+, HLG (Hybrid Log Gamma). Processor: Crystal Processor 4K. Refresh rate / Motion handling: ~50–60 Hz; includes Motion Xcelerator / image enhancement features. Smart TV OS: Tizen (Samsung Smart Hub). Connectivity: WiFi, Ethernet LAN, Bluetooth 5.2. Input/output: 3 × HDMI (HDMI 2.0), 1 × USB, RF input and optical output on some variants. Audio: 2 speakers, 20 W total power, features include Object Tracking Sound Lite, Adaptive Sound, Q-Symphony. Dimensions (without stand): approx. 1447.5 × 846.2 × 80.5 mm. Dimensions (with stand): approx. 1447.5 × 915.8 × 308.5 mm. Weight (without stand): ~19.4 kg. Weight (with stand): ~19.6 k</p>	
<p>172. 85-inch screen Ultra HD 4K resolution (3,840 × 2,160). Crystal Processor 4K. Refresh / Motion rate 100. HDR support: HDR10+, HLG. Picture Quality Index ~ 2200. Dynamic Crystal Color. Ultra-thin ("AirSlim") profile design. Smart operating system: Tizen. Connectivity: 3 × HDMI, 2 × USB, Ethernet (LAN), WiFi (802.11ac), Bluetooth 5.2. Audio: 2 speakers, total ~20 watts output. Features: Auto Low-Latency Mode (ALLM),</p>	

Filmmaker Mode, Ambient Mode, etc. Mounting pattern: VESA 600 × 400 mm. Power: 310 W max, standby ~0.5 W. Dimensions without stand: 1900.9 × 1086.2 × 26.9 mm. Weight without stand: 41.5 kg. Warranty: included (local warranty, typically 1 year).

**SECTION 10.5 – BACK-UP POWER SOURCE**

173. Solar panels Power Output: 30 watts. Optimal Voltage (Vmp): Around 17 to 18 volts — ideal for charging 12V batteries. Optimal Current (Imp): Around 1.6 to 1.8 amps. Battery Compatibility: Suitable for charging 12V lead-acid, AGM, gel, or LiFePO<sub>4</sub> batteries. Charge Controller Requirement: Recommended to use a 10A PWM or MPPT charge controller to prevent overcharging and protect the battery. Typical Charging Use: Maintains or slowly charges 12V batteries used in cars, boats, RVs, motorcycles, security systems, small solar lighting, or off-grid applications. Average Daily Output: Produces approximately 120–150 watt-hours per day (depending on sun exposure and weather). Connection Type: Usually comes with MC4 connectors or alligator clips via a charge controller. Portability: Some models are available in foldable or compact designs for mobile/off-grid use. Mounting: Can be fixed on a flat surface or mounted on a frame; adjustable brackets may help optimize sun angle. Safety Features (with controller): Overcharge protection, short-circuit protection, reverse polarity protection

174. Power Output: 60 watts. Optimal Voltage (Vmp): Typically, around 17 to 18 volts. Optimal Current (Imp): Around 3.3 to 3.5 amps. Open Circuit Voltage (Voc): Approximately 21 to 22 volts. Short Circuit Current (Isc): Around 3.5 to 3.8 amps. Cell Type: Monocrystalline or polycrystalline (varies by model). Module Efficiency: Generally, between 17% and 21%. Dimensions: Roughly 670mm x 540mm x 30mm (can vary slightly by brand). Weight: Approximately 4.5 to 5.5 kg. Frame: Durable anodized aluminum frame for strength and corrosion resistance. Glass: Tempered low-iron glass for impact resistance and high light transmittance. Junction Box: Pre-installed, usually IP65 or higher rated for dust and water resistance. Connectors: Typically includes MC4 connectors for plug-and-play use. Operating Temperature Range: -40°C to +85°C. Mounting: Compatible with standard mounting kits or brackets. Certifications: Often CE, RoHS, ISO, or TUV certified (depending on manufacturer). Application: Ideal for 12V battery charging, small off-grid systems, RVs, boats, outdoor lighting, CCTV, camping setups, and mobile solar kits. Daily Energy Output: Produces approximately 240 to 300 watt-hours per day under full sunlight. Charge Controller Recommended: Use a 10A or higher PWM or MPPT controller to protect battery and regulate charging

175. Power Output: 100 watts Optimal Voltage (Vmp): Around 17 to 18 volts. Optimal Current (Imp): Approximately 5.5 to 5.9 amps. Open Circuit Voltage (Voc): Around 21 to 22 volts. Short Circuit Current (Isc): Around 6.0 to 6.2 amps. Cell Type:

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<p>Monocrystalline or polycrystalline (monocrystalline is more efficient). Module Efficiency: Typically, between 18% and 22%. Dimensions: Approximately 1000mm x 670mm x 30mm (varies by manufacturer). Weight: Around 6 to 9 kg. Frame: Anodized aluminum alloy for durability and corrosion resistance. Glass: High-transparency, low-iron tempered glass for impact resistance and UV protection. Junction Box: IP65 or IP67 rated, pre-installed with bypass diodes. Connectors: Usually comes with MC4 connectors for plug-and-play use Operating Temperature: -40°C to +85°C. Mounting: Compatible with standard solar mounting kits and brackets. Daily Energy Output: Produces approximately 400 to 600 watt-hours per day under full sun. Certifications: Typically, CE, TUV, RoHS, ISO certified (varies by brand). Applications: Suitable for 12V battery charging, off-grid systems, RVs, boats, solar lighting, CCTV, camping, or mobile power setups. Charge Controller Requirement: Recommended to use a 10A or higher PWM or MPPT controller for safe and efficient charging of 12V batteries</p>	
<p>176. Power Output: 150 watts Voltage at Maximum Power (Vmp): 17.9-18.5 volts. Current at Maximum Power (Imp): 8.00-8.40 amps. Open Circuit Voltage (Voc): ~22.5-22.8 volts Short Circuit Current (Isc): ~8.5-9.0 amps. Panel Type: Polycrystalline or Monocrystalline depending on model Efficiency: Around 15-19% module efficiency. Dimensions: 1480 × 670 × 35 mm (height × width × depth). Weight: 10-12 kg. Operating Temperature Range: -40°C up to +85°C. Power Tolerance: around 0 to +5 W tolerance (i.e. minimum rating to a small positive margin). Junction Box Rating: Typically, IP65 or similar for water/dust resistance. Maximum System Voltage (Voc rating for array): Often 1000V DC under IEC standards, sometimes lower depending on model</p>	
<p>177. Supports lithium battery chemistries including LiFePO<sub>4</sub> and other Li-ion types. Nominal system voltages 12V, 24V, sometimes 48V (auto-detection or switchable). Uses MPPT (Maximum Power Point Tracking) technology for high efficiency, often ≥ 95-98%. Also, some PWM models but MPPT preferred for lithium systems. Maximum charging current rated (e.g. 10A, 20A, 45A, 60A etc.) depending on model. Maximum PV open circuit voltage (Voc) rating suited to panel configuration, often in range 30V to 150V or higher depending on system voltage. Maximum PV input power also specified (e.g. watts it can safely draw). Charge control algorithm includes CC-CV (constant current / constant voltage) with precise voltage setpoints for lithium charging (absorption voltage, float voltage or maintenance voltage). Low voltage disconnects (LVD) to protect battery from over-discharge. Over-charge protection (cutoff when battery full). Reverse polarity protection on solar input and battery input. Overcurrent protection (both from panels and load). Short circuit protection. Temperature compensation / sensor input to adjust charge voltage based on battery / ambient temperature. Self-consumption (idle power draw) low so as not to waste battery when not charging much. Display or digital interface showing battery voltage, charging current, state of charge, error states etc.. Communication capabilities in many models: RS485, Bluetooth, Modbus for remote</p>	

<p>monitoring / configuration. Wide operating temperature range (often from around -20 °C up to +60 or +70 °C). Thermal protection / derating when ambient temperature is high. Mechanical protection and decent ingress protection (IP rating) depending on environment (indoor vs outdoor). Dimensions &amp; weight appropriate to the current rating (bigger amps → larger heat sinks)</p>	
<p>178. Supports battery types including GEL (sealed lead-acid), AGM, flooded, sometimes LiFePO<sub>4</sub> etc. System nominal voltage 12V or 24V (auto-detect or switchable) Charge current rated (e.g. 10A, 20A, 30A etc.) depending on model Max PV input power or wattage limit depending on voltage system (for 12V and for 24V) Input voltage range (solar array) sufficient to cover Vmp and open-circuit across possible temperature variation; typical max PV input voltage maybe up to ~50-100V depending on controller and system Charge algorithm stages: bulk (or boost), absorption (or equalization if supported), float stage, sometimes low voltage disconnect / reconnect levels. For gel: absorption/boost voltage slightly lower than for other lead acid, e.g. ~14.2V for 12V systems (boost/absorption), float ~13.6-13.7V Overcharge (voltage) protection: voltage cut-off when battery gets full, recovery set-point after voltage drops a bit. Low voltage disconnects (LVD) to protect the battery from too much discharge and reconnect voltage when battery recovers. Temperature compensation: adjust charge voltages depending on battery or ambient temperature to avoid overcharging or undercharging in extremes. Protection features: reverse polarity protection, short circuit protection, over-current protection, overload protection, sometimes MOSFET switches to reduce losses. Display or indicators: LED or LCD showing battery status, voltage, current, charge stage etc. Operating temperature range (ambient) typically from below freezing (-20 to -35°C) up to high temperatures (~50-60°C) depending on model. Low self-consumption: the controller itself draws little power when battery is full / no load.</p>	
<p>179. Rated capacity about 1200VA (often ~720-1000 watts depending on power factor. Output waveform either <b>pure sine wave</b> or <b>modified/simulated sine wave</b>. Input (battery) voltage usually 12V, sometimes 24V. AC output voltage around 230VAC in many countries (e.g. South Africa) Output frequency typically 50Hz (sometimes auto-sense 50/60Hz). Efficiency under load: often in the range 80-95% depending on model and waveform Surge or peak power (short duration) often about 1.5 to 2× the continuous rating for startup of inductive loads (motors etc.) Input (AC charger) charging current options ~ 10A to 20A often built in when inverter has charger function. Broad AC input voltage acceptance range (when AC charger function or in UPS/hybrid models) often ~90-280 VAC or ~170-280 VAC depending on mode Transfer time (when switching from AC mains to battery or for UPS modes) often ~15-20 ms typical Regulation of AC output under battery mode: ±5-10% (voltage) is common Built-in protections: overload protection, short circuit protection, reverse polarity protection, sometimes over temperature protection, low battery shutdown or cutoff .</p>	

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<p>Charging features (if included): float voltage, absorption/boost stages, adjustable battery charging voltage, battery type compatibility (lead acid, gel, sometimes lithium) . Display / Indicators: LED or LCD for output power, battery voltage, load, fault status, charging status etc. Physical properties: moderate size and weight; cooling (fan or passive) for heat dissipation; operating temperature around 0-40°C for many units; relative humidity tolerances non-condensing environment</p>	
<p>180. 2.4 kVA / 1440 W (24 V) Inverter (Model IVR-2400LBKS). Capacity 2400VA / 1440W. AC Output Voltage 230VAC. Input Voltage Range 90-280VAC. Operating Frequency 50Hz / 60Hz auto-sensing. Battery Voltage 24VDC. Waveform Modified (simulated) sine wave. AC Voltage Regulation in battery mode ±10%. Efficiency (Peak) ~ 85%. Transfer Time ~ 20ms typical. Floating/Auxiliary. Charge Voltage ~ 27.4VDC ±2%. Low Battery Alarm Voltage ~ 20.4VDC ±2%. Shutdown Voltage ~ 19.8VDC ±2%. Overcharge Protection ~ 30.0VDC ±2%. Maximum Charge Current selectable (10A or 20A). Full Protection features: overload, short circuit, reverse polarity. Physical dimensions 300×360×88 mm. Net weight ~ 4.8 kg. Operating Temperature 0°C to 40°C. Storage Temperature -15°C to 50°C</p>	
<p>181. Gel 12v 100ah batteries. Rated capacity 100Ah (at 20-hour rate, 25°C) Battery type sealed lead-acid, Gel VRLA (valve regulated lead acid, gel electrolyte). Float (standby) voltage 13.6-13.8V @25°C. Cycle (charge) voltage. 14.2-14.7V (absorption/boost) @25°C. Max charging current ~ 20-30A depending on model. Max discharge current (short pulse) up to several hundred amps for a few seconds (~ 800-1000A for 5 seconds). Cycle life: roughly 350 cycles at 100% depth of discharge; more cycles (600-1000) if shallower discharge (e.g. 50% DoD) Self-discharge: about ≤ 3% per month at ~ 25°C. Design life (floating service) ~ 10-15 years in good conditions. Operating temperature, charge/discharge: typically, from about -20°C up to ~ 50-60°C; storage temperature may be broader, e.g. -40°C to +60°C. Weight approx. 28-31 kg depending on casing and terminal type. Dimensions (L × W × H) typical around 406mm × 174mm × 214mm (varies by brand). Terminal type: screw terminals or bolt-type (M8 etc.) depending on model. Maximum short-term discharge (5 seconds) current rating enough to handle inverter or load surge demands</p>	
<p>182. Deep cycle 12v 100ah Batteries. Battery type Lead-acid deep-cycle (AGM, Gel, or semi-sealed). Float/standby voltage typically ~ 13.5 to 13.8V. Cycle/absorption voltage 14.5 to 14.8V for Gel/AGM deep-cycle models. Maximum charging current around 30A. Maximum discharge current varies by model (for short durations can be several-hundred amps). Internal resistance (when fully charged at 25°C) for one AGM battery approx 5.7 milliohms. Operating (ambient) temperature range for safe discharge and charge from about -25°C up to ~ 45°C or higher depending on model Self-discharge rate low, typically ≤ 3% per month at 25°C. Weight for many units 28-31 kg for sealed lead-acid deep-cycle versions. Dimensions typical lead acid deep-cycle</p>	

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<p>case around 330-407mm length,2-174mm width,209-220mm height. Terminal type: screw or bolt-type (e.g. 8-12 mm screw terminals) Design life / warranty: for many Gel/AGM deep cycle batteries 5-8 years in float use; shorter for frequent deep discharges</p>	
<p>183. Gel 12v 200ah batteries. Nominal Voltage: 12V. Rated Capacity: 200Ah (10-hour rate to 1.80V per cell at 25°C). Max Discharge Current: 30 × 10A (3 minutes). Max Charge Current: ≤ 0.25A C10. Self-Discharge: ≤ 3% per month at 25°C. Operating Temperature: Recommended 15°C to 25°C.Weight: 59 kg. Dimensions: 522mm × 240mm × 224mm. Terminal Type: 8mm Screw Terminal. Design Life: 5–8 years (depending on usage). Warranty: 12 months. Applications: Solar energy, wind energy, telecommunications, off-grid systems, UPS. Cover Material: ABS</p>	
<p>184. Deep cycle 12v 200ah Battery. Nominal voltage 12V. Rated capacity 200Ah (typically at 20-hour rate). Battery type sealed lead-acid deep cycle (AGM or Gel) or Lithium Iron Phosphate (LiFePO<sub>4</sub>) in some models. Float voltage around 13.5 to 13.8V at 25°C. Cycle (absorption) voltage typically 14.4 to 14.8V at 25°C. Max charge current usually about 20-60A depending on battery type and model. Max discharge current varies, often around 600-1000A for short bursts (seconds). Cycle life: 400-1200 cycles depending on depth of discharge and chemistry (Gel/AGM fewer cycles than lithium). Self-discharge low, about 2-3% per month at room temperature for lead-acid types; lower for lithium. Weight varies between 50-65 kg for lead-acid types; lithium models are lighter (around 25-30 kg). Dimensions. approximately 520mm length, 240mm width, 220mm height (varies by brand). Terminal types mostly bolt or screw terminals (M6, M8). Operating. temperature range about -20°C to 50°C for charge and discharge. Applications mainly solar off-grid systems, UPS, telecom, RV and marine use. Design life about 5-10 years for lead-acid, longer for lithium. Warranty typically 1-3 years depending on brand and model</p>	
<p>185. Lithium-ion batteries 12 v. Nominal Capacity: 200Ah (2.56kWh). Battery Chemistry: Lithium Iron Phosphate (LiFePO<sub>4</sub>). Cycle Life: Over 4,000 cycles at 80% depth of discharge (DoD). Discharge Current: Continuous 100A; Peak 150A for up to 60 seconds. Charge Voltage: Standard 14.1V ±0.2V; Float 13.7V. Charge Current: Standard 20A; Max 100A. Operating Temperature: Charge: 0°C to 45°C; Discharge: -20°C to 60°C. Storage Temperature: -20°C to 45°C Weight: Approximately 23kg. Dimensions: 520mm (L) × 220mm (W) × 270mm (H). BMS Features: Bluetooth monitoring, overcharge, over-discharge, overcurrent, and short-circuit protection. Self-Discharge Rate: Approximately 3% per month. Warranty: Typically, 3 years or 2,000 cycles. Certifications: UL 1642, IEC 62619, CE, UN38.3,</p>	

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<p>MSDS. Applications: Off-grid solar systems, RVs, marine, backup power, and UPS systems</p>	
<p>186. Lithium-ion batteries 24V. Nominal voltage about 25.6V. Rated capacity 200Ah (~5.12 kWh energy storage). Chemistry lithium-iron phosphate (LiFePO<sub>4</sub>). Continuous discharge current often 100-200A (depends on model). Peak/surge discharge current for short durations (seconds) in some models ~200-500A. Charge voltage around 28.8-29.2V for bulk/absorption stage. Operating discharge voltage lower cut-off around 20V. Charge/discharge temperature ranges typically charge 0°C to 45-60°C; discharge: -20°C up to 60-65°C in some cases. Self-discharge low, often under 3% per month at room temp. Weight around 35-50 kg depending on casing and build. Dimensions roughly in the ballpark of 520×240×217 mm or similar, depending on manufacturer and design. Enclosure often rated IP54 to IP65 for dust/water resistance in many models. Built-in Battery Management System (BMS) protecting against over-charge, under-voltage, over-current, short circuit and thermal conditions; some include Bluetooth/app monitoring Cycle life: many models &gt; 5000 cycles at 80% Depth of Discharge (DoD) Warranty periods commonly 3-5 years depending on brand/model</p>	

**14. PRICING SCHEDULE**

<b>SECTION 1: NETWORK CAMERAS</b>						
<b>SECTION 1.1 - SHORT RANGE BULLET CAMERAS: 15 METERS</b>						
<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
1. Hikvision 2-MP Infra-red Network Bullet Camera			Per Each	50		
2. Hikvision AcuSense 2MP fixed bullet camera 4mm			Per Each	50		
3. Hikvision AcuSense 2MP fixed bullet camera 2,8mm			Per Each	50		
4. Hikvision 4-MP AcuSense Bullet Camera			Per Each	50		
5. Hikvision 2.8mm High quality imaging with 4 MP resolution			Per Each	50		
6. Hikvision AcuSense 4MP fixed bullet camera			Per Each	50		
7. Hikvision Economical 2.8mm, 2-MP Infra-red Network Bullet Camera			Per Each	50		
8. Hikvision Economical 4mm, 2-MP Infra-red Network Bullet Camera			Per Each	50		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 1.2 - LONG RANGE BULLET CAMERAS 50+ METRES**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
9. Hikvision 2-MP Long Range Network Bullet Camera			Per Each	50		
10. Hikvision 2-MP AcuSense Strobe Light and Audible Warning Fixed Bullet Network Camera			Per Each	50		
11. Hikvision AcuSense 2MP Fixed Bullet Camera 2.8mm			Per Each	50		
12. Hikvision AcuSense 2MP Fixed Bullet Camera 4mm			Per Each	50		
13. Hikvision AcuSense 2MP Fixed Bullet Camera 6mm			Per Each	50		
14. Hikvision 2-MP AcuSense Bullet Camera			Per Each	50		
15. Hikvision 4-MP [Max 5-MP] AcuSense Bullet Camera 6mm			Per Each	50		
16. Hikvision 4-MP [Max 5-MP] AcuSense Bullet Camera - Darkfighter			Per Each	50		
17. Hikvision 4-MP (Max 5MP) AcuSense Fixed Bullet Camera 6mm			Per Each	50		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 1.3 – VARIFOCAL BULLET CAMERAS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
18. Hikvision 2-MP Outdoor AcuSense Varifocal Bullet Camera			Per Each	50		
19. Hikvision 4-MP (MAX 5MP) Outdoor AcuSense Varifocal Bullet Camera			Per Each	50		
20. Hikvision 2-MP DeepinView Outdoor VF Bullet Network Camera			Per Each	50		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 1.4 – IP FIXED DOME NETWORK CAMERAS**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
21. Hikvision 2-MP WDR Infra-red 30m Network Dome Camera			Per Each	30		
22. Hikvision AcuSense 2MP fixed dome camera			Per Each	30		
23. Hikvision 4-MP WDR Infra-red Turret Network Dome Camera			Per Each	30		
24. Hikvision AcuSense 4MP fixed Turret camera			Per Each	30		
25. Hikvision 4-MP Infra-red 30m Network Dome Camera			Per Each	30		
26. Hikvision 4-MP AcuSense Dome Camera			Per Each	30		
27. Hikvision 2.8mm High quality imaging with 4 MP			Per Each	30		
28. Hikvision 2-MP EXIR Fixed Mini Dome Network Camera			Per Each	30		
29. Hikvision 4-MP IR Mini Dome Network Camera			Per Each	30		
30. Hikvision Economical 2.8mm,2-MP Infra-red Network Dome Camera			Per Each	30		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 1.5 – VARIFOCAL NETWORK DOME CAMERAS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
31. Hikvision 2-MP WDR Vari-focal Network Dome Camera			Per Each	30		
32. Hikvision 2-MP AcuSense EasyIP 4.0 Varifocal IR Dome Camera			Per Each	30		
33. Hikvision 4-MP IR Varifocal AcuSense Network Dome Camera			Per Each	30		
34. Hikvision 4-MP IR Varifocal Network Dome Camera			Per Each	30		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

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**SECTION 1.6 – COLORVU NETWORK CAMERAS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
35. Hikvision 4-MP ColorVu Bullet Camera			Per Each	50		
36. Hikvision 2-MP ColorVu Turret Camera			Per Each	50		
37. Hikvision 4-MP ColorVu Turret Camera			Per Each	50		
38. Hikvision 2-MP ColorVu Bullet Camera			Per Each	50		
39. Hikvision 4-MP ColorVu Bullet Camera – 6mm			Per Each	50		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

<b>SECTION 1.7 – DASHCAMS</b>						
<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
40. Hikvision Dashcam 1080p Video			Per Each	40		
41. Hikvision Dashcam 1600p Video			Per Each	40		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

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**SECTION 1.8 – PAN TILT ZOOM NETWORK CAMERAS: OUTDOOR**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
42. Hikvision Outdoor 25X 2-MP Infra-red Network PTZ Dome Camera			Per Each	50		
43. Hikvision Outdoor 2-MP 25X Network IR PTZ Camera			Per Each	50		
44. Hikvision Outdoor 2-MP 25X Ultra-low Light Network PTZ Dome Camera			Per Each	50		
45. Hikvision Outdoor 2-MP 25X Ultra-low Light Network Darkfighter PTZ Dome Camera			Per Each	50		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 2: NETWORK VIDEO RECORDERS [NVRs]**

**SECTION 2.1: 4-CHANNELS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
46. Hikvision 4-Channel Q1 Series NVR			Per Each	10		
47. Hikvision 4-Channel Q1 Series NVR Independent PoE Network Interfaces			Per Each	10		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 2.2: 8-CHANNELS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
48. Hikvision 8-Channel Q1 series NVR 60Mbps			Per Each	10		
49. Hikvision 8-Channel Q1 series NVR			Per Each	10		
50. Hikvision 8-Channel Embedded NVR			Per Each	10		
51. Hikvision 8-Channel Embedded Plug & Play NVR			Per Each	10		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 2.3: 16-CHANNELS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
52. Hikvision 16-Channel Embedded NVR			Per Each	10		
53. Hikvision 16-Channel Embedded Plug & Play NVR			Per Each	10		
54. Hikvision 16-Channel AcuSense Series Embedded NVR			Per Each	10		
55. Hikvision 16-Channel AcuSense Embedded NVR with 16 PoE			Per Each	10		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 2.4: 32-CHANNELS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)	
56. Hikvision 32-Channel AcuSense Embedded NVR with PoE			Per Each	10			
57. Hikvision 32-Channel NVR			Per Each	10			
58. Hikvision 32-Channel Professional Embedded NVR			Per Each	10			
<b>SUB-TOTAL (EXCL. VAT)</b>							
						<b>15% VAT</b>	
<b>TOTAL (INCL. VAT)</b>							

**SECTION 2.5: 64-CHANNELS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
59. Hikvision 64-Channel Professional Embedded NVR			Per Each	10		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 3: NETWORK KEYBOARDS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
60. Hikvision USB Keyboard			Per Each	10		
61. Hikvision LCD Touch Panel Network Keyboard			Per Each	10		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 4 - VMS (HIKVISION SOFTWARE) this section is optional; costing is provided for the purpose of evaluation. Council reserves the right to procure none or as many licenses as required.**

**ADD-ON MODULE**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
62. iVMS-5200 Pro Mobile: GIS Base License			Per Each	20		
63. iVMS-5200-MS-C			Per Each	20		
64. Mobile surveillance Business Intelligence Base License			Per Each	20		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 5 – HIKCENTRAL HIKVISION SOFTWARE - this section is optional; costing is provided for the purpose of evaluation. Council reserves the right to procure none or as many licenses as required.**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
65. Hikvision HikCentral Base License Software			Per Each	20		
66. Hikvision HikCentral Site License Software			Per Each	20		
67. Hikvision HikCentral Video Surveillance Base License Software			Per Each	20		
68. Hikvision HikCentral Access Control Base License Software			Per Each	20		
69. Hikvision HikCentral Door Access Channel License Software			Per Each	20		
70. Hikvision HikCentral Video Wall Base License Software			Per Each	20		
71. Hikvision HikCentral ANPR Channel License Software			Per Each	20		
72. Hikvision HikCentral Facial Recognition Channel License			Per Each	20		
73. Hikvision HikCentral UVSS Base License Software			Per Each	20		
74. Hikvision HikCentral Time & Attendance Base License Software			Per Each	20		
75. Hikvision HikCentral Software Upgrade Service			Per Each	20		

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76. Hikvision HikCentral Software Customization			Per Each	20		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 6 – NETWORK SWITCHES - this section is optional; costing is provided for the purpose of evaluation. Council reserves the right to procure none or as many licenses as required.**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
77. Hikvision 4-Port 100 Mbps Unmanaged Economical PoE Switch			Per Each	50		
78. Hikvision 8-Port 100 Mbps Unmanaged Economical PoE Switch			Per Each	50		
79. Hikvision 16-Port 100Mbps Unmanaged Switch			Per Each	50		
80. Hikvision 24-Port 100 Mbps Web-managed PoE Switch			Per Each	50		
81. Hikvision 24-Port 100 Mbps Unmanaged PoE Switch			Per Each	50		
82. Hikvision 24-Port 100 Mbps Base-T PoE Switch			Per Each	50		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 7: HIKVISION CAMERA AND PTZ BRACKETS**

**SECTION 7.1: CAMERA BRACKETS**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
83. Hikvision In- & Outdoor Wall Mount Dome Camera Bracket			Per Each	50		
84. Hikvision In- & Outdoor Wall Mount Dome Camera Bracket - Suitable for DS-2CD27x5 domes			Per Each	50		
85. Hikvision Power Intake Box for Hikvision Bullet Range			Per Each	50		
86. Hikvision Junction Box for Dome Cameras			Per Each	50		
87. Hikvision Junction Box for Dome Cameras - Indoor/Outdoor			Per Each	50		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 7.2: PTZ BRACKETS**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
88. Hikvision Universal Vertical Pole Mount Adapter for Most Wall Mounts PTZ Cameras			Per Each	50		
89. Hikvision Wall Mounting Bracket for Dome Camera			Per Each	50		
90. Hikvision In- & Outdoor Wall Mount Camera Bracket			Per Each	50		
91. Hikvision Corner Mount Bracket for PTZ Dome Cameras			Per Each	50		
92. Hikvision Vertical Pole Mount Bracket			Per Each	50		
93. Hikvision Pendant Mount Bracket for PTZ Dome Cameras			Per Each	50		
94. Hikvision Pendant Mount Ceiling Bracket			Per Each	50		
95. Tripod Bracket Wall mount 10cm			Per Each	50		
96. Tripod Bracket – 47 cm			Per Each	50		
97. 38mm Aluminium Pole / Mast 2M			Per Each	50		
98. 38mm Aluminium Pole / Mast 4M			Per Each	50		

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99. 38mm Aluminium Pole / Mast 6M			Per Each	50		
100. 38mm Aluminium Pole / Mast 10M			Per Each	50		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 8 – WIRELESS CONNECTIONS - this section is optional; costing is provided for the purpose of evaluation. Council reserves the right to procure none or as many licenses as required.**

**[TO BE CONSIDERED AS SECONDARY LINK WHEN FIBRE IS AVAILABLE]**

**ADD-ON MODULE**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
101. Ubiquity wireless Airmax 5GHz PtP dish 34dbi 105 3'			Per Each	50		
102. Ubiquity wireless Rocket AC 5Ghz PtmPradio 1xGE			Per Each	50		
103. Ubiquity wireless LiteAP AC 5GHz Sectors 16dbi 120'			Per Each	50		
104. Ubiquiti UISP airMAX 5GHz 19dBi 120° Sector Antenna			Per Each	50		
105. Airmax Rocket Radio for Sector			Per Each	50		
106. Ubiquity wireless Litebeam AC G2 5GHz CPE 1xGE 23dbi			Per Each	50		
107. Ubiquiti UISP airMAX Lite Beam M5 5GHz 23dBi Radio   LBE-M5-23			Per Each	50		
108. Ubiquiti UISP airMAX Power Beam AC 5GHz 25dBi Isolator Radio   PBE-5AC-ISO-Gen2			Per Each	50		
109. LTU - LR Radio			Per Each	50		

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110. LTU - XR			Per Each	50		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 9 – ACCESS CONTROL**

**SECTION 9.1 TEMPERATURE TERMINALS**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
111. Temperature Measurement Walk-Through Detector			Per Each	20		
112. Hikvision Face Recognition Terminal with Temperature Screening Function			Per Each	20		
113. Hikvision Floor Stand for DS-K1T671M Terminal			Per Each	20		
114. Android Indoor Station			Per Each	20		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 9.2 NETWORK IP INDOOR VIDEO**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
115. Hikvision 7-inch 2.5D TFT Colourful Touch Screen			Per Each	30		
116. Hikvision 3.5" TFT LCD Waterproof Metal Outdoor Video Intercom Station			Per Each	30		
117. Hikvision Plastic Villa Door Station			Per Each	30		
118. Rain-shield for 1 module DS-KB8003 gate-station, Galvanised Steel			Per Each	30		
119. Rain-shield for 2 module DS-KB8003 gate-station, Galvanised Steel			Per Each	30		
120. Hikvision 2 Button Villa Gate-Station			Per Each	30		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 9.3 HIKVISION NETWORK ACCESS CONTROL SYSTEM CONTROLLERS**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
121. Hikvision Video Intercom Display Module			Per Each	30		
122. Hikvision Gate station Video Module with Surface Mounting Accessories			Per Each	30		
123. Hikvision Gate station Video Module			Per Each	30		
124. Hikvision 6 call button Module			Per Each	30		
125. Hikvision Indicator Module			Per Each	30		
126. Hikvision Blank Module			Per Each	30		
127. Hikvision Keypad Module			Per Each	30		
128. Hikvision card reader Module			Per Each	30		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

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**SECTION 9.4 ACCESS CONTROL**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
129. Hikvision Standalone Access Control Terminal			Per Each	30		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

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**SECTION 9.5. RS485/WIEGAND BIOMETRIC & CARD READER TERMINALS FOR SYSTEM CONTROLLERS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
130. Hikvision Face Recognition			Per Each	30		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 9.6 HIKVISION FACE RECOGNITION**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
131. Hikvision Face Recognition Terminal. 7" LCD touch screen			Per Each	30		
132. Hikvision Protective Shield for DS-K1T671 series			Per Each	30		
133. Hikvision Face Recognition Terminal with Temperature Screening Function			Per Each	30		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 9.7. HIKVISION FINGERPRINT AND CARD READERS**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
134. Hikvision IP65 Fingerprint Reader			Per Each	30		
135. Hikvision IP65 Card Keypad Reader			Per Each	30		
136. Hikvision USB Fingerprint Enrolment Reader			Per Each	30		
137. Hikvision USB Card Enrolment Reader			Per Each	30		
138. Hikvision Access Control			Per Each	30		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 9.8. ELECTRO-MAGNETIC LOCK**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
139. Hikvision Magnetic Lock			Per Each	30		
140. Hikvision LZ Bracket			Per Each	30		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 9.9. IMPRO ACCESS CONTROL**

<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
141. Cluster controllers			Per Each	30		
142. Wiegand modules			Per Each	30		
143. Antenna modules			Per Each	30		
144. IO8 modules			Per Each	30		
145. Sigma morpho			Per Each	30		
146. BMTA (Biometric time and attendance)			Per Each	30		
147. UPASS NEDAP Access			Per Each	30		
148. Sigma lite			Per Each	30		
149. Portal pro software with licence			Per Each	30		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 10 – ACCESSORIES**

**SECTION 10.1 DECODERS**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
150. Hikvision DS-6900 Series Decoder (4K&H.265)			Per Each	20		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

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**SECTION 10.2 CABLES / HDMI**

Description	Brand	Equivalent	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
151. Network Cable-Hikvision (100%copper) – 100m roll			Per Roll	50		
152. Hikvision UTP 4 Pair CAT 5E Network Cable – 100m roll			Per Roll	50		
153. Hikvision UTP 4 Pair CAT 6 Network Cable – 100m roll			Per Roll	50		
154. HDMI to HDMI. Length: 5m.			Per Roll	50		
155. HDMI to HDMI. Length: 10m.			Per Roll	50		
					<b>SUB-TOTAL (EXCL. VAT)</b>	
					<b>15% VAT</b>	
					<b>TOTAL (INCL. VAT)</b>	

**SECTION 10.3 CABINETS / WALL BOXES / ACCESSORIES**

**Video Surveillance, Data Cabinets and CCTV Accessories**

<b>Description</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
156. 6U Swing Frame Wall Box	Per Each	50		
157. 9U Swing Frame Wall Box	Per Each	50		
158. 12U Swing Frame Wall Box	Per Each	50		
159. 9U Internal Fixed Wall Box	Per Each	50		
160. 450mm Front Mount Tray	Per Each	50		
161. Brush Panel - No Lip	Per Each	50		
162. Brush Panel - With Lip	Per Each	50		
163. 27Ux800mm Floor Standing Cabinet	Per Each	50		
			<b>SUB-TOTAL (EXCL. VAT)</b>	
			<b>15% VAT</b>	
			<b>TOTAL (INCL. VAT)</b>	

<b>SECTION 10.4 TV SCREENS</b>						
<b>Description</b>	<b>Brand</b>	<b>Equivalent</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
164. Samsung 65" HD LED TV			Per Each	10		
165. Samsung 85" Smart UHD TV			Per Each	20		
<b>SUB-TOTAL (EXCL. VAT)</b>						
<b>15% VAT</b>						
<b>TOTAL (INCL. VAT)</b>						

**SECTION 10.5 BACKUP POWER SOURCE**

Description	Unit of measurement	Estimated quantities	Rate (Excl. VAT)	Total (Excl. VAT)
166. Solar Panel 30W	Per Each	10		
167. Solar Panel 60W	Per Each	15		
168. Solar Panel 100W	Per Each	15		
169. Solar Panel 150W	Per Each	15		
170. Charger Controller (lithium)	Per Each	50		
171. Charger Controller (gel)	Per Each	50		
172. 1.2kva Inverters	Per Each	50		
173. 2.4kva Inverters	Per Each	50		
174. Gel 12v 100ah Batteries	Per Each	50		
175. Deep cycle 12v 100ah Batteries	Per Each	50		
176. Gel 12v 200ah Batteries	Per Each	50		
177. Deep cycle 12v 200ah Batteries	Per Each	50		
178. Lithium-ion Batteries 12v	Per Each	50		

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179. Lithium-ion Batteries 24v	Per Each	50		
			<b>SUB-TOTAL (EXCL. VAT)</b>	
			<b>15% VAT</b>	
			<b>TOTAL (INCL. VAT)</b>	

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<b>SECTION 11 POLES</b>				
<b>Description</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
180. Concrete security cabin pole 9m	Per Each	20		
181. Concrete security cabin pole 12m	Per Each	50		
182. Delivery of poles / per pole	Per Each	50		
			<b>SUB-TOTAL (EXCL. VAT)</b>	
			<b>15% VAT</b>	
			<b>TOTAL (INCL. VAT)</b>	

**SECTION 12 - LABOUR AND TRAVELING COST**

<b>Description</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
183. Labour	Per day	50		
184. Labour	Per hour	50		
185. Loading and configuration of IVMS Software	Per pole	50		
186. Testing and Commissioning	Per pole	50		
187. Travel/km	Per KM	33 600		
188. Call-out Fee	Per call-out	100		
189. Planned Maintenance	Per location	85		
190. Un-planned Maintenance	Per location	85		
			<b>SUB-TOTAL (EXCL. VAT)</b>	
			<b>15% VAT</b>	
			<b>TOTAL (INCL. VAT)</b>	

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**SECTION 13 – CIVILS / TRENCHING / CABLING**

<b>Description</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
191. Removal and Replacement of Paving	Per meter	20		
192. Removal and Replacement of Tar	Per meter	20		
193. Trenching per metre (paving) and reinstatement	Per Metre	20		
194. Trenching per metre (tar) and reinstatement	Per Metre	20		
195. Electrical cable 3mm per metre	Per Metre	20		
196. Electrical cable 6mm per metre	Per Metre	20		
197. Electrical cable 10mm per metre	Per Metre	20		
			<b>SUB-TOTAL (EXCL. VAT)</b>	
			<b>15% VAT</b>	
			<b>TOTAL (INCL. VAT)</b>	

**SECTION 14 - FIXTURES & FASTENERS**

<b>Description</b>	<b>Unit of measurement</b>	<b>Estimated quantities</b>	<b>Rate (Excl. VAT)</b>	<b>Total (Excl. VAT)</b>
198. Circuit breaker 16amp 2P, 4, 5K C Curve Din MC	Per each	50		
199. Cable wired 16mm Red	Per meter	50		
200. Cable Wire 16mm BLK	Per meter	50		
201. Cable Wire 2.5mm Red	Per meter	50		
202. Cable Panel Wire 2.5mm Black	Per meter	50		
203. Cable Panel Wire 2.5mm Green / Yellow	Per meter	50		
204. Cable Power Twin Earth 2.5mm White	Per meter	50		
205. Multiplug 5x 16A White	Per each	40		
206. Plug Top - Normal	Per each	40		
207. Insulation Tape Black	Per each	30		
208. Insulation Tape Green	Per each	30		
209. Insulation Tape Red	Per each	30		
210. Sprague 25mm PVC White	Per meter	50		

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211. Connector RJ45	Per each	50		
212. Lug Ring Non-Insulated 16mm2 x 8mm	Per each	50		
213. M8 Raw Bolts	Per each	100		
214. Conduit, 25mm	Per metre	100		
215. Trunking PCV 40x25 Slotted Wide	Per metre	100		
216. Trunking 40mm x 16mm EGA 3m length	Per metre	100		
			<b>SUB-TOTAL (EXCL. VAT)</b>	
			<b>15% VAT</b>	
			<b>TOTAL (INCL. VAT)</b>	

**Summary:**

**The below summary is for evaluation purposes only.**

SECTION	TOTAL PRICE PER SECTION INCL. VAT
<b>SECTION 1: NETWORK CAMERAS</b>	
<b>SECTION 1.1</b> SHORT RANGE BULLET CAMERAS: 15 METRES	
<b>SECTION 1.2</b> LONG RANGE BULLET CAMERAS 50+ METRES	
<b>SECTION 1.3</b> VARI-FOCAL BULLET CAMERAS	
<b>SECTION 1.4</b> IP FIXED DOME NETWORK CAMERAS	
<b>SECTION 1.5</b> VARI-FOCAL NETWORK DOME CAMERAS	
<b>SECTION 1.6</b> COLORVU NETWORK CAMERAS	
<b>SECTION 1.7</b> DASHCAMS	
<b>SECTION 1.8</b> PAN TILT ZOOM NETWORK CAMERAS: OUTDOOR	
<b>SECTION 2 - NETWORK VIDEO RECORDERS (NVR'S)</b>	
<b>SECTION 2.1</b> 4-CHANNELS	
<b>SECTION 2.2</b> 8-CHANNELS	
<b>SECTION 2.3</b> 16-CHANNELS	
<b>SECTION 2.4</b> 32-CHANNELS	

SECTION	TOTAL PRICE PER SECTION INCL. VAT
<b>SECTION 2.5</b> 64-Channels	
<b>SECTION 3</b> NETWORK KEYBOARDS	
<b>SECTION 4</b>  <b>VMS (HIKVISION SOFTWARE) this section is optional; costing is provided for the purpose of evaluation. Council reserves the right to procure none or as many licenses as required.</b>	
<b>SECTION 5</b>  HIKCENTRAL HIKVISION SOFTWARE- <b>This section is optional; costing is provided for the purpose of evaluation. Council reserves the right to procure none or as many licenses as required.</b>	
<b>SECTION 6</b>  NETWORK SWITCHES <b>this section is optional; costing is provided for the purpose of evaluation. Council reserves the right to procure none or as many licenses as required.</b>	
<b>SECTION 7 - HIKVISION CAMERA AND PTZ BRACKETS</b>	
<b>SECTION 7.1</b> CAMERA BRACKETS	
<b>SECTION 7.2</b> PTZ BRACKETS	
<b>SECTION 8</b>  WIRELESS CONNECTIONS  <b>This section is optional; costing is provided for the purpose of evaluation. Council reserves the right to procure none or as many licenses as required.</b>  <b>[TO BE CONSIDERED AS SECONDARY LINK WHEN FIBRE IS AVAILABLE]</b>	
<b>SECTION 9 - ACCESS CONTROL</b>	
<b>SECTION 9.1</b> TEMPERATURE TERMINALS	

SECTION	TOTAL PRICE PER SECTION INCL. VAT
<b>SECTION 9.2</b> NETWORK IP INDOOR VIDEO	
<b>SECTION 9.3</b> HIKVISION NETWORK ACCESS CONTROL SYSTEM CONTROLLERS	
<b>SECTION 9.4</b> ACCESS CONTROL	
<b>SECTION 9.5</b> RS485/WIEGAND BIOMETRIC & CARD READER TERMINALS FOR SYSTEM CONTROLLERS	
<b>SECTION 9.6</b> HIKVISION FACE RECOGNITION	
<b>SECTION 9.7</b> HIKVISION FINGERPRINT AND CARD READERS	
<b>SECTION 9.8</b> ELECTRO-MAGNETIC LOCK	
<b>SECTION 9.9</b> IMPRO ACCESS CONTROL	
<b>SECTION 10 – ACCESSORIES</b>	
<b>SECTION 10.1</b> DECODERS	
<b>SECTION 10.2</b> CABLES / HDMI	
<b>SECTION 10.3</b> CABINETS / WALL BOXES / ACCESSORIES	
<b>SECTION 10.4</b> TV SCREENS	
<b>SECTION 10.5</b> BACKUP POWER SOURCE	
<b>SECTION 11 - POLES</b>	

<b>SECTION</b>	<b>TOTAL PRICE PER SECTION INCL. VAT</b>
<b>SECTION 12 – LABOUR AND TRAVELLING COST</b>	
<b>SECTION 13 – TRENCHING AND CABLING</b>	
<b>SECTION 14 - FIXTURES &amp; FASTENERS</b>	
TOTAL BEFORE SUNDRIES AND CONTINGENCIES (INCL. VAT)	
SUNDRIES @ 5%	
TOTAL BEFORE CONTINGENCIES	
CONTINGENCIES @ 10%	
<b>TOTAL FOR EVALUATION PURPOSES (INCL. VAT)</b>	

**PART E: OTHER**

**15. PRICE ADJUSTMENTS**

Bids shall remain valid and binding for a minimum of 90 days after the tender closure date and the validity extend automatically till the contract is signed if validity goes beyond the number of days indicated. The reason for this is to ensure that the tender is valid till appeals were considered, if received.

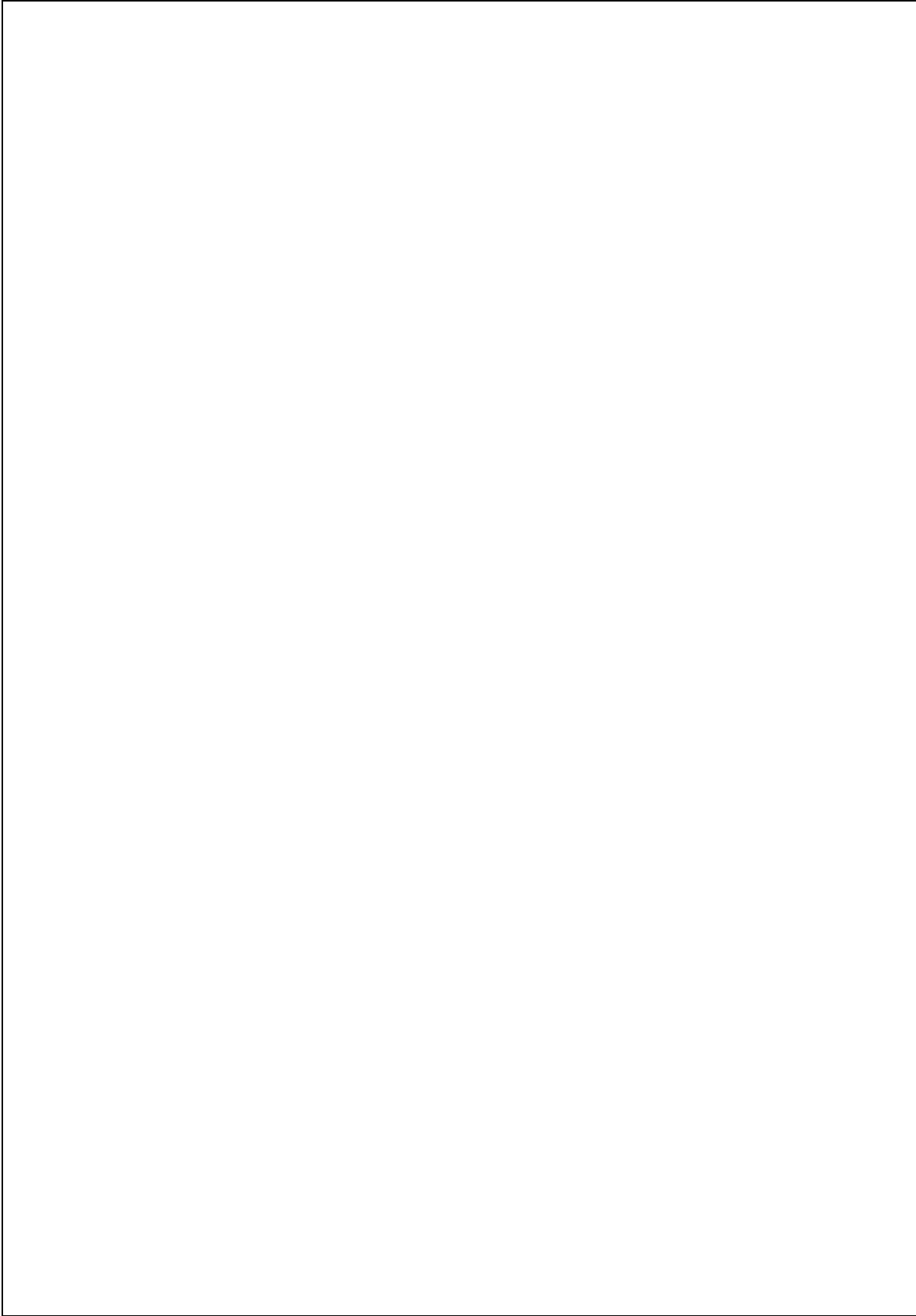
I accept and approve all of the above.

.....

SIGNATURE OF TENDERER

**Failure to accept the automatic extension will render the bid non-responsive. Any bidder may at any time withdraw their bid in writing in which case the bid will not be further considered.**

**16. OMISSIONS, ALTERATIONS AND ADDITIONS**



**17. SCHEDULE OF VARIATIONS FROM SPECIAL CONDITIONS OF CONTRACT**

1. Bidders may provide a 2.5% discount for payment made within 30 days of receipt of invoice. Bidder should note that this discount is optional and has no influence on the evaluation or adjudication of bids.
  
2. Please complete the following should your company BE WILLING TO PROVIDE the 2.5% deduction for payment within 30 days as per clause 1 above:

YES, my company IS WILLING TO HAVE THE 2.5% taken off of payment made within 30 days.

Tenderer's signature \_\_\_\_\_ for acceptance of the 2.5% discount.

(Only if tenderer wishes to provide the 2.5% discount)