



**PINELANDS COMMUNITY IMPROVEMENT DISTRICT
(Pinelands CID)**

Request for Proposal (RFP)

**For the provision and maintenance of
Public Safety**

16 August 2023

Acronym	Full Description
CID	Pinelands Community Improvement District or 'Pinelands CID'
NPC	Non-Profit Company, management body of the CID
Board	Pinelands CID NPC Board of Directors
Business Plan	Business Plan of Pinelands CID (Period: July 2023 - July 2025)
SRA	Special Rating Area
RFP	Request for Proposal
SP	(Security) Service Provider, submitting a proposal
Council	City of Cape Town Council (CoCT)
LE	CoCT Law Enforcement Officer
SP	Security Service Provider
Tactical response team	Fully armed tactical response team

Important Dates*	
RFP published	17 Aug 2023
Closing date to confirm interest in submitting proposal	24 Aug 2023
Closing date for submission of questions	31 Aug 2023
Closing date and time for submission of proposals	08 September 2023, 4pm
Proposal evaluation completed	11 Sept 2023
Final clarifications and negotiations	13 Sept 2023
Contract awarded (SLA signed)	15 Sept 2023
Contract commencement date	15 Sept 2023

Introduction and overview

In 2022, residents in Pinelands, Cape Town took the initiative to seek sustainable solutions to Public Safety and other concerns in the area. The City of Cape Town Council approved the resulting application of the 26th May 2023.

Through the CID, Public Safety will be ensured by means of active Visible patrolling and monitoring of the CID's camera network via an appointed Security Service Provider together with interaction between community neighbourhood watch initiatives, Law Enforcement officers, surrounding CIDs as well as consultation with private Security Service Providers and SAPS.

We wish to establish a Public Safety Infrastructure comprising of a camera network and intelligent monitoring software which will be sustainably maintained and enhanced. The specific positioning of the cameras will be based on consultations with relevant Service Providers, neighbourhood watch initiatives, neighbouring CIDs, LE and SAPS. The camera feed will be fed into the appointed security company's control room.

The CID's business model involves strategic partnerships with carefully selected, established and reputable service providers.

This document serves as a formal invitation to submit a proposal for the provision and maintenance of a Public Safety service for the CID.

The proposal should include the use of the latest technology – and demonstrate the continuous improvement and upgrading of technology and strategies to keep ahead of changing crime trends.

Geographic Boundaries of the Pinelands CID

Pinelands CID is created by the following boundaries:

- Northern Boundary: Up to and including ERF 3078 (Old Mutual Head Office)
- East Boundary: Along the Western Boundary of Jan Smuts Drive until it intersects with the Railway Reserve
- South Boundary: Along the North Boundary of the Railway Reserve and the Golf Course
- Western Boundary: Along the Eastern side of the Railway Reserve, skirts the Pinelands Business Park up to Avonduur Road. Along Sunrise Road ERF 110934, Wattle Grove Road and properties both side of Ambleside.

Diagram

The Pinelands CID is comprised of the area enclosed by the red line on the map below:



pinelands cid - boundary map (2018) v2a.docx

Scope of Work (SOW)

The solution will be funded by an additional rate paid by property owners in the CID.

Core services:

Proposals are requested for the supply of Public Safety services per listed modules. SP's may quote on all or selected modules. SP's may be awarded the entire bid or selected modules. Additional service offering per module will be considered to enhance the SP's bid. Pricing to be submitted per module.

Minimum services to be provided include the following:

1. Module 1

1.1. Patrol Vehicles

- 1.1.1. Provision of a minimum of four patrol vehicles and their associated personnel operating 24x7
- 1.1.2. Two Personnel per Vehicle, Armed (Proposed tools, Flash light, Body Armour, Baton, Pepper spray, Firearms, Bodycams, Dashcams, Radios and Mobile Phones)
- 1.1.3. At least one vehicle to be capable of patrolling the Clyde Field area (4-wheel drive)
- 1.1.4. Two City of Cape Town Law Enforcement officers will ride along in these vehicles and act as the second patroller.
- 1.1.5. A vehicle should be capable of, on the request of the CID, assist in transporting homeless individuals.
- 1.1.6. Branding of the vehicles is to be that of the CID.
- 1.1.7. Patrol Personnel to have CID Branded apparel
- 1.1.8. The CID may wish to deploy more than four patrol vehicles from time to time, depending on needs and budget.
- 1.1.9. Bi-directional Communication with the control centre.
- 1.1.10. Patrol vehicle live and historical tracking a preference.
- 1.1.11. Provision of Patroller common office/dispatch/briefing area.
- 1.1.12. Provide training programs for patrol car operators to ensure safe and efficient use of the vehicles. This can include defensive driving techniques, emergency response protocols, vehicle handling skills, and adherence to traffic laws. The proposal should outline the SP's approach to providing comprehensive training to the patrollers.

2. Module 2

2.1. Tactical Standby Response Team

- 2.1.1. Provision of an Armed standby Tactical response team within the area with 2 personnel
- 2.1.2. To be armed with (Sem-auto Rifle, Shotgun)
- 2.1.3. Dashcam a preference
- 2.1.4. May be used as a visible strategically parked vehicle
- 2.1.5. Needs to be available in emergency situations as required
- 2.1.6. Bi-directional Communication with the control centre
- 2.1.7. Patrol Personnel to have CID Branded apparel

3. Module 3

3.1. **Canal Patrol**

- 3.1.1. Provision of Bicycle and or foot patrol along the Pinelands canal
- 3.1.2. At least 4x bicycles and foot patrols
- 3.1.3. Presence on canal, 7 days a week
- 3.1.4. To cover school start and dismissal times during school terms
- 3.1.5. To include peak times residents utilise the canal (run/walk in the morning and evening)
- 3.1.6. Bi-directional Communication with the control centre
- 3.1.7. Emergency/Panic alert device depicting location
- 3.1.8. Patroller live location monitoring a preference
- 3.1.9. Advise and install camera monitoring along the canal to enhance public safety
- 3.1.10. Patrol Personnel to have CID Branded apparel The proposal should outline the SP's approach to providing comprehensive training to the patrollers.
- 3.1.11. Provision of Patroller common office/dispatch area

4. **Module 4**

4.1. **CID camera network.** This network consists of:

- 4.1.1. A set of existing LPR and surveillance cameras previously operated by the Pinelands Street Camera Project, detailed in Annexure B. Note that Annexure B is to be considered to be indicative only.
- 4.1.2. Additional cameras as purchased by the CID from time to time. The location and type of these cameras will be decided by the CID in conjunction with the chosen SP.
- 4.1.3. Installation and configuration of additional camera feeds into the Control room setup. On a quote per installation basis.
- 4.1.4. Strategic Cameras should remain operational throughout Loadshedding
- 4.1.5. Strategic cameras monitoring access roads to schools. The location and type of these cameras will be decided by the CID in conjunction with the chosen SP.
- 4.1.6. Manage applicable CoCT licencing of cameras (new and existing)

4.2. **CID Control room.** These include:

- 4.2.1. Secure access controlled Control centre, Preferably situated within the Pinelands CID boundaries. Alternate proposal will be entertained based on practicality, cost, response time and functionality.
- 4.2.2. 24/7 monitoring of the CID's camera network preferably with the use of AI technology capable of determining trends and/or patterns, and create automatic alerts. (preference will be given to AI capability)
- 4.2.3. Maintain the Data feed and related infrastructure of monitored cameras.
- 4.2.4. Digital storage of monitored media (minimum period 30 Days).
- 4.2.5. Should be operational Throughout loadshedding.
- 4.2.6. Handling of safety and security related interactions on all of the CID's public communication channels, including provision of radio, telephone and WhatsApp services as well as the CID's proposed security app.
- 4.2.7. Dispatch and control of the CID's Patrols, LE, other SP's and Tactical response team as required.
- 4.2.8. Monitoring the emergency alerts and coordinating emergency response as required.

- 4.2.9. Provide training programs to the operators in monitoring and emergency response protocols to ensure efficacy. The proposal should outline the SP's approach to providing comprehensive training to the patrollers.
- 4.2.10. Integration of the CID's operations with other safety and security related groups operating within the CID's area of operations including the Community Police Forum, Neighbourhood Watch, SAPS, City of Cape Town Law Enforcement, private security companies, the Pinelands Ratepayers and Residents Association, PRASA, etc.
- 4.2.11. Control room Personnel to have CID Branded apparel

4.3. **LPR Camera Monitoring**

- 4.3.1. Maintain relationship with the greater LPR user group and act upon alerts and emergencies within the Pinelands CID
- 4.3.2. Maintain LPR feed into the greater User group
- 4.3.3. Advise, install, licence and monitor of additional LPR cameras as required
- 4.3.4. Maintain, Vet and control User access to the LPR group of the Pinelands CID
- 4.3.5. Should be operational throughout loadshedding

5. **Reporting Module:** Reporting is mandatory and applicable to all the Modules (1 through 4)

5.1. **Reporting.** Provision of reporting:

- 5.1.1. Monthly management reports with KPI's
- 5.1.2. The City of Cape Town, in a such a format that meets the requirements of the Municipal Property Rates Act, 2004 (Act No. 6 of 2004) (the "MPRA"), and the Community of Cape Town: Special Rating Area By-law, 2012, as amended (the "By-law").
- 5.1.3. Community stakeholders, including but not limited to the Community Police Forum (CPF) and the Pinelands Ratepayers and Residents Association

It is intended that specific service levels commitments will be negotiated with the chosen SP.

Optional services:

The SP may optionally offer the following services. Utilization of these services is at the sole discretion of the Pinelands CID:

1. Installation of additional cameras and infrastructure
2. Maintenance of the CID's camera network
3. Site survey to determine the optimal type and location for additional cameras, including network infrastructure. (i.e. crime hotspots)
4. Provision of office space for the CID's operational manager

Care must be taken to have the CID's camera network work cooperatively with camera networks of neighbouring CID's, neighbourhood watches and other security providers.

Specifically, the CID is looking for a fully outsourced co-branded innovative solution that will be available for the period 15 September 2023 to 30 June 2024. This requirement must be read in conjunction with the paragraph under the header Contract Duration (page 8).

The SOW may be amended during subsequent years to match evolving needs.

Proposal requirements

The proposal must include the following:

- A brief description of the SP's business (corporate profile) and value proposition
- The exact nature of the service that will be provided (based on the information contained in this RFP and the SP's own risk assessment or due diligence)
- Specified quantifiable deliverables
- Specify type of Radio (PTT, etc)
- A proposed operating model (that also details how the interface between the SP and CID will be managed)
- Specify the mitigation process of LE officers, not having Sirens and Blue lights, ability to effectively react to Emergencies, LPR alerts, legally pullover vehicles , navigate peak hour traffic and unavailability of Pinelands SAPS response vehicle
- Examples of management reports
- Information about insurances (of all sorts) the SP carries
- Indemnities that would apply to the CID
- An explanation of the SP's costing model
- A risk assessment of the area (based on a site survey, at SP's cost)
- A description of contract pricing (given the scope of services that will be provided). This should be in sufficient detail for the CID to calculate the full monthly cost of the services provided. It should make provision for a variable number of patrol vehicles, and the CID's plans to increase the number cameras in it's network
- A detailed breakdown of cost exclusions
- Performance metrics (that the CID would be able to use to evaluate the SP's performance against specified deliverables)
- Payment terms and conditions (including annual fee escalation policy)
- A conceptual framework that provides a visual overview of how the solution would incorporate continuous improvement and upgrading of technology and strategies to keep ahead of changing crime trends, during the next 5 years (assuming budgetary constraints).

Terms and Conditions

The following Terms and Conditions will apply:

- All those interested in submitting a proposal should indicate so on or before the date indicated on the cover page. Only those who confirmed interest in submitting a proposal will be considered for the rest of the process. Please confirm interest in submitting a proposal via email to bids@Pinelandscid.co.za
- All responses must be received on or before the date and time indicated on the cover page of this document. All late responses will be rejected.
- All proposals will be considered binding offers. Prices proposed must be valid for the period 15 September 2023 through to 30 June 2024.
- The Board reserves the right to accept or reject any proposal, or to cancel the solicitation process at any time, and shall have no liability to SPs for such rejection or cancellation.
- The Board reserves the right to accept all, or part of a proposal when an award is made.

- All information provided by the CID in this RFP is offered in good faith. Individual items are subject to change at any time, and all SPs will be provided with notification of any changes.
- The CID is not responsible or liable for any use of the information submitted by SPs, or for any claims asserted therefrom.
- The successful SP must establish full operational capability and a presence in the CID area or very close to it.
- The CID reserves the right to require any SP to enter into a non-disclosure agreement (NDA).
- The SPs are solely obligated to pay for any costs, of any kind whatsoever, which may be incurred by a SP, or any third parties, in connection with the RFP-process.
- The Board will have no obligation to provide reasons for its decisions.
- Proposals must be submitted in English, in PDF format and delivered before or on the date and time indicated on the cover page by email to bids@Pinelandscid.co.za

Contract Duration

The CID wishes to enter into an initial five-year contract. A clause shall be drafted into the security contract which gives Pinelands CID the option to cancel the contract and/or impose penalties if the appointed service provider does not perform satisfactorily or if Pinelands CID is dissolved in accordance with Chapter 4 of the SRA by-law of the City of Cape Town.

Solicitation Process

SPs will have the opportunity to raise questions relating to the RFP on or before the questions closing date on the cover page. Questions must be submitted via e-mail to safety@Pinelandscid.co.za. Answers to questions will be provided timeously. Questions and answers will be made available to SPs who confirmed interest in submitting a proposal.

Following the submission of proposals, the Board shall invite shortlisted SPs for proposal clarification sessions during the dates provided on the cover page. The intention is to award the contract by no later than 15 September 2023.

Selection Criteria

The Board evaluation team will consider the following criteria:

- Completeness of the proposal
- The SP's experience with similar contracts
- Cost
- The SP's industry profile
- The SP's legal compliance
- Innovative solutions, particularly as regards camera monitoring

All SPs will be notified via e-mail of the outcome of the process. There will be no debate as to the reasons for the decision.

Additional Information Required

The following information is required and may be appended as an Addendum to the proposal.

Company Details

- Company Name
- Trading Name
- Company Registration Number
- Ownership
- Physical Address
- Postal Address
- Contact Person
- Mobile Number
- E-mail Address
- Details of local office
- Organisational Chart (local office)
- Full description of to-be-deployed resources (by level, qualification and competency)
- An indication of reserve capacity (to deal with absenteeism)

Documentation

- PSIRA Certification and Registration
- Most recent SARS Tax Clearance Certificate
- Letters of Good Standing
- Workmen Compensation Fund (COID)
- Membership of SASA (Security Association of South Africa) - if applicable.

General

- The CID shall enter into a service level agreement (SLA) with the successful SP. The attention of SPs is drawn to Annexure A.
- Additional info and context may be found on the CID's website (<https://www.pinelandscid.co.za>)
- The SP will be required to draw up an agreed Communications Strategy Plan, together with the CPF, NHW, neighbouring CIDs and SAPs – to communicate crime related information to property owners and residents in the CID.
- A final contract will be negotiated in detail with the successful SP.
- The Standard Operating Protocols are to be developed in partnership with CID covering the processing of LPR alerts, medical incidents, criminals incidents etc.

ANNEXURE A

GENERAL CONDITIONS THAT WILL BE APPLICABLE TO THE SERVICE LEVEL AGREEMENT (SLA)

INSURANCE

The services supplied under the contract shall be fully insured.

ASSIGNMENT

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

SUB-CONTRACTS

The contractor shall notify the CID in writing of all sub-contracts awarded under this contract, if not already specified in the proposal. Such notification, in the original proposal or later, shall not relieve the contractor from any liability or obligation under the contract.

DELAYS IN THE CONTRACTOR'S PERFORMANCE

- The performance of services shall be made by the contractor in accordance with the time schedule prescribed by the CID in the SLA.
- If at any time during performance of the contract, the contractor or its subcontractor(s) should encounter conditions impeding timely performance of services, the contractor shall promptly notify the CID in writing of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the contractor's notice, the CID shall evaluate the situation and may at its discretion extend the contractor'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 the SLA
- The right is reserved to have minor essential services executed by another party if an emergency arises, or when the contractor's services are not readily available.

PENALTIES

If the contractor fails to perform the services within the period(s) specified in the SLA, the CID shall, without prejudice to its other remedies under the SLA, deduct from the contract price, as a penalty, a sum calculated on the unperformed services using the current prime interest rate calculated for each day of the delay until actual performance.

TERMINATION FOR DEFAULT

The CID, without prejudice to any other remedy for breach of contract, by written notice of default sent to the contractor, may terminate this SLA in whole or in part if the contractor:

- Fails to deliver any or all of the services within the period(s) specified in the SLA, or within any extension thereof granted by the CID
- Fails to perform any other obligation(s) under the SLA; or
- In the judgment of the CID, has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

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

FORCE MAJEURE

- The contractor shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the SLA is the result of an event of force majeure.
- If a force majeure situation arises, the contractor shall promptly notify the CID in writing of such condition and the cause thereof. Unless otherwise directed by the CID in writing, the contractor shall continue to perform its obligations under the SLA as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

TERMINATION FOR INSOLVENCY

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

SETTLEMENT OF DISPUTES

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

LIMITATION OF LIABILITY

Except in cases of criminal negligence or wilful misconduct:

The contractor shall not be liable to the CID, 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 contractor to pay penalties and/or damages to the CID.

APPLICABLE LAW

The SLA shall be interpreted in accordance with South African laws.

TAXES

The contractor shall be entirely responsible for its own tax affairs

No SLA shall be concluded with any SP whose tax matters are not in order. Prior to the award of a bid, SARS must have certified that the tax matters of the preferred SP are in order.

TRANSFER OF CONTRACTS

The contractor shall not abandon, transfer, cede, assign or sublet a contract or part thereof without the written permission of the CID.

CONFIDENTIALITY

The CID and the contractor may disclose to each other confidential information relating to the business or operations of either party.

The information to be disclosed is confidential and proprietary to the contracting parties and each of the parties is willing to disclose mutually this information for purposes of entering into an SLA only, and undertake to protect and keep confidential such information.

AMENDMENT OF THE SLA

An agreement to amend or vary the SLA, or order or the conditions, stipulations or provisions thereof shall not be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties.

ANNEXURE B

Existing Camera Network (NOTE: Indicative only, subject to site survey, UPSs no longer operational)

Site	QTY	Device	Make	Model	Serial No.	Description / Function	Remarks
PSC - Asset List Prenatal HQ	1	Airtan VFI	Ubiquiti	AF5	2441C181510	Master - Backhaul Link to Garden City Heights	Property of Prenatal Link to Garden City Heights
	1	Airtan VFI	Ubiquiti	AF5X	041806C1480	Master - Backhaul Link to Old Market	Link to Old Market
	1	Airtan VFI	Ubiquiti	AF5X	041806C15160	Master - Backhaul Link to Golf Park	Link to Golf Park
Garden City Heights	1	Power 4500m x 4500m x 6000mm					
	1	Outdoor metal enclosure for UPS	Peak Power	PI 1.1W1000NC12_C	1210213050900018		
	1	3000m Inverter	Maximisi	12V101AM			
	1	Battery backup					
	1	CCTV Control board	ROC				
	1	SPS Radio Transceiver	ROC				
	1	Airtan VFI	Ubiquiti	AF5	000014918	Site - Backhaul Link to PFS	Property of Prenatal Link to Prenatal HQ
	1	Topology POE 8 port	Ubiquiti	T58	2441C1816C3	Hybrid Switch & POE	
	1	Router MS / Transition Switch	Ubiquiti	860405 / 4e-515	041806C0766E	Access Point 1 on Garden City	
	1	Router MS / Transition Switch	Ubiquiti	860405 / 4e-515	041806C80999	Access Point 2 on Garden City	
1	Router MS / Transition Switch	Ubiquiti	860405 / 4e-515	041806C5081F	Access Point 3 on Garden City		
Old Market	1	3000mm x 1800mm Rye					
	1	Outdoor enclosure					
	1	3U metal box	Proline	VP241700	018152500511	Provides backup work Old Market Generator start up	
	1	UPS					
	1	CCTV Control board	ROC				
	1	SPS Radio Transceiver	ROC				
	1	Airtan VFI	Ubiquiti	AF5X	000010294	Site - Backhaul Link to PFS	Property of Prenatal Link to Prenatal HQ
	1	Powerbeam M1 400	Ubiquiti	PBE-525	041806C11180	Access Point 1 to Western to Old	
	1	Powerbeam M1 400	Ubiquiti	PBE-525	041806CFC099	Access Point 2 to Western to Old	
	1	Network Switch	Ubiquiti	860405 / 4e-515	041806C1E122	Access Point 3 to Western to Old	
Golf Park	1	3000mm x 1800mm Rye					
	1	Outdoor enclosure					
	1	3U metal box					
	1	UPS					
	1	CCTV Control board	ROC				
	1	SPS Radio Transceiver	ROC				
	1	Airtan VFI	Ubiquiti	AF5X	000011395	Site - Backhaul Link to PFS	Property of Prenatal Link to Prenatal HQ
	1	Topology POE 8 port	Ubiquiti	T58	041806C14003	Hybrid Switch & POE	
	1	Powerbeam M1 400	Ubiquiti	PBE-525	041806C64K-2	Access Point 1 to Forest Dr Top	
	1	Camera - PTZ	Ubiquiti	UBICAM	20150911CCW5C4094257B	Access Point to Forest Dr Top	AP for Forest Drive
Forest Drive - Top In	1	15.5mm x 6000mm steel camera pole					
	1	15.5mm bracket					
	1	Outdoor metal enclosure for UPS					
	1	Outdoor metal enclosure for network equip					
	1	3000m inverter	Peak Power	PI 1.1W1000NC12_C	1210213050900018		
	1	Battery backup	Maximisi	12V101AM			
	1	CCTV Control board	ROC				
	1	SPS Radio Transceiver	ROC				
	1	Topology POE 8 port	Ubiquiti	T58	000021119	Network Switch & POE	Property of Prenatal
	1	Powerbeam M1 400	Ubiquiti	PBE-525	041806C07048F	Access Point - Link to Golf Park	Link to Golf Park
1	Powerbeam M1 400	Ubiquiti	PBE-525	041806C78486E1	Access Point to Forest Dr Top Old	AP for Forest Top Old	
1	Camera VFI	Ubiquiti	UBICAM	20160303CCW537813311B			
1	Camera Overview	Ubiquiti	UBICAM	20141201CCW4842920042			

PCCP - Asset List								
Site	QTY	Device	Make	Model	Serial No	Description / Function	Remarks	
Forest Drive - Top Oak	1	15.2m x 6000mm steel camera pole						
	1	1/2 1/2" BNC						
	1	Outdoor metal enclosure						
	1	Outdoor plastic enclosure for Network equip						
	1	2000w Inverter	Peak Power	M 1-LW1800NC12_C	12182-1505990051			
	1	Battery backup	Maximus	12V165AH				
Forest Drive - Bottom	1	15.2m x 6000mm steel camera pole						
	1	1/2 1/2" BNC						
	1	Outdoor metal enclosure						
	1	Outdoor plastic enclosure for Network equip						
	1	2000w Inverter	Peak Power	M 1-LW1800NC12_C	12182-1505990049			
	1	Battery backup	Maximus	12V165AH				
SMA - Sander Circle	1	15.2m x 6000mm steel camera pole						
	1	1/2 1/2" BNC						
	1	Outdoor metal enclosure						
	1	Outdoor plastic enclosure for Network equip						
	1	2000w Inverter	Peak Power	M 1-LW1800NC12_C	12182-1505990011			
	1	Battery backup	Maximus	12V165AH				
	1	CCTV Control board	ROC					
	1	50W1 Radio Transmitter	Ubiquity	T58	0000019158		Network Switch & POE	Property of Foreworks
	1	ToughSwitch POE 8 port	Ubiquity	P8E-S25	0411804079AC		Client Bridge - Link to Apartment	Link to Apartment
	1	Managed WS	Ubiquity	2544TKR-BL18	7281V8R800009			
	1	Camera PTZ	Ubiquity	50ASX-4M				
	1	Camera LIR	Ubiquity	05-2C0AAL3FRWD-05	20151111111111111111111111111111			
Aspendon	1	15.2m x 6000mm steel camera pole						
	1	1/2 1/2" BNC						
	1	Outdoor metal enclosure						
	1	Outdoor plastic enclosure for Network equip						
	1	2000w Inverter	Peak Power	M 1-LW1800NC12_C	12182-1505990016			
	1	Battery backup	Maximus	12V165AH				
	1	CCTV Control board	ROC					
	1	50W1 Radio Transmitter	Ubiquity	T58	0000017111		Network Switch & POE	Property of Foreworks
	1	ToughSwitch POE 8 port	Ubiquity	P8E-S25	0411804079AC		Client Bridge - Link to Garden	Link to Garden
	1	Managed WS	Ubiquity	2544TKR-BL18	7281V8R800009			
	1	Camera PTZ	Ubiquity	50ASX-4M				

PKC - Asset List	Site	QTY	Part	Make	Model	Serial No	Description / Function	Remarks
		1	152mm x 600mm steel camera pole					
		1	5/5 VMS Backlit					
		1	Outdoor metal enclosure					
		1	Outdoor plastic enclosure for Network equip					
		1	2000w Inverter	Peak Power	PI-1-1W1000K12_C	12383-15950988018		
		1	Battery Backup	Mastech	12V105AH			
		1	CCTV Control board	BCC		000015079		
		1	GPS Radio Transmitter	Ubiquity	758	0418180970202	Network Switch & POE	Property of Freeath
		1	Powerbeam HD 400	Ubiquity	PHL-515	440987881502	Client Bridge - Link to Old Market	
		1	Powerbeam M5 16	Ubiquity	NM1-516	440987881502	Access Point to Widyaya Out	
		1	Camera 17M	Hikvision	DS-2CD2147FWD-I25	201601315C0M98460217		
		1	Camera	Hikvision	DS-2CD2147F-I	201601315C0M9847179138		Empty Parking
		1	152mm x 600mm steel camera pole					
		1	5/5 VMS Backlit					
		1	Outdoor metal enclosure					
		1	Outdoor plastic enclosure for Network equip					
		1	2000w Inverter	Peak Power	PI-1-1W1000K12_C	12383-15950988027		
		1	Battery Backup	Mastech	12V105AH			
		1	CCTV Control board	BCC		000015059		
		1	GPS Radio Transmitter	Ubiquity	758	0418180970216	Network Switch & POE	Property of Freeath
		1	Powerbeam HD 400	Ubiquity	NM1-516	0418180482790	Client Bridge - Link to Widyaya In	
		1	Powerbeam M5 16	Hikvision	DS-2CD2147FWD-I25	201606215C0M98471706688		
		1	Camera 17M	Hikvision	DS-2CD2147F-I	2016112815C0M98472029135		Widyaya Overview
		1	Camera Overview					
		1	5m Concrete Pole					
		1	152mm x 600mm steel camera pole					
		1	5/5 VMS Backlit					
		1	5/5 PTZ Bracket					
		1	Outdoor metal enclosure					
		1	Outdoor plastic enclosure for Network equip					
		1	2000w Inverter	Peak Power	PI-1-1W1000K12_C	12301-15950988016		
		1	Battery Backup	Mastech	12V105AH			
		1	CCTV Control board	BCC		000017115		
		1	GPS Radio Transmitter	Ubiquity	PHL-515	0418180970120	Client Bridge - Link to Garden City	Property of Freeath
		1	Powerbeam HD 400	Ubiquity	758	0418180607678	Network Switch & POE	
		1	Powerbeam M5 16	Hikvision	DS-2DE4217H-A1I	201508242C0M98471747878		
		1	Camera Overview	Hikvision	DS-2CD2147F-I	2016112815C0M98471706687		Network Temple PTZ
		1	Camera	Hikvision	DS-2CD2147FWD-I25	201606215C0M98471706687		
		1	Camera	Hikvision	DS-2CD2147F-I	20160715C0M98471706687		Network Temple Parking Cam
		1	152mm x 600mm steel camera pole					
		1	Outdoor plastic enclosure for Network equip					
		1	5/5 VMS Backlit					
		1	CCTV Control board	BCC		000017118		
		1	GPS Radio Transmitter	Ubiquity	PHL-515	0418180970120	Network & POE	Property of Freeath
		1	Powerbeam HD 400	Ubiquity	758	0418180607678	Client Bridge - Link to Garden City	
		1	Powerbeam M5 16	Hikvision	DS-2DE4217H-A1I	201508242C0M98471747878		
		1	Camera Overview	Hikvision	DS-2CD2147F-I	2016112815C0M98471706687		Network Temple PTZ
		1	Camera	Hikvision	DS-2CD2147FWD-I25	201606215C0M98471706687		
		1	Camera	Hikvision	DS-2CD2147F-I	20160715C0M98471706687		Network Temple Parking Cam

Qty	QTY	Device	Make	Model	Serial No	Description / Function	Remarks
PGC - Asset List							
5th							
1	1	15' steel x 600mm steel camera pole					
1	1	Outdoor plate enclosure for Network equip					
1	1	ToughSentry POE 8 port	Ubiquity	T58	802AA81951F	Network 8 Port	
1	1	CCTV Control board					
1	1	GPS Radio Transceiver	BOC		000013915		
1	1	PowerGen M1 400	Ubiquity	PHL-525	802AA819131		Property of Foreworks
1	1	Camera	hdvision	DS-2CD2042WD-I	20162411889795204496	Cloud Bridge - Link to Garden City	Parking Camera
1	1	Camera Onvision	hdvision	DS-2CD2012P-A	20141201010101010101010101010101		Overlook Camera
1	1	Camera 1PB	hdvision	DS-2CD2042P-INO-03	1016601701008112180383		
Hydrogen Bridge							
1	1	Post Concrete Pole					
1	1	Outdoor plate enclosure for Network equip					
1	1	1/2 FTZ Switch					
1	1	CCTV Control board					
1	1	GPS Radio Transceiver	BOC		000018166		
1	1	PowerGen M1 400	Ubiquity	PHL-525	441081701641	Cloud Bridge - Link to Garden City	Property of Foreworks
1	1	Camera PTZ	hdvision	DS-2081320-AL	142016042002000381735188		
Canon Creek							