



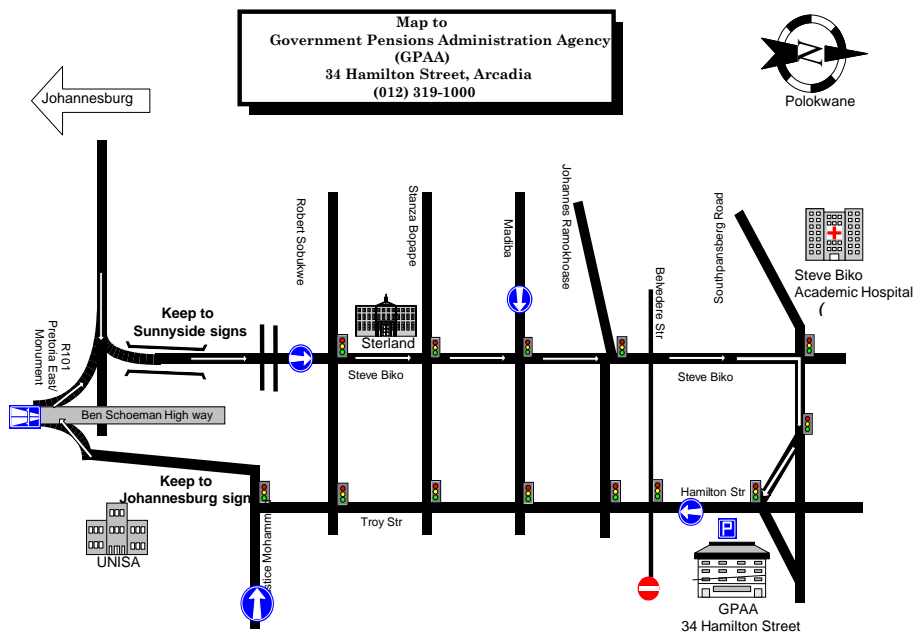
the gpaa

Department:
Government Pensions Administration Agency
REPUBLIC OF SOUTH AFRICA

Government Pensions Administration Agency (GPAA)

:

Request for proposals for Physical Security Systems Upgrade Project I - Fixed Equipment



ALL BID DOCUMENTS TO BE DEPOSITED AT THE TENDER BOX SITUATED AT THE RECEPTION AREA ON:
 34 HAMILTON STR
 PRETORIA, ARCADIA
 PENSION ADMINISTRATION BUILDING

If the bid document is too large to fit in a Tender Box an official from the Demand and Acquisition section of the Supply Chain Management Directorate may be contacted at the following e-mail address:

General enquiries: Mr William Ramoroka; E-mail: william.ramoroka@gpa.gov.za
 Technical enquiries: Mr Pieter Vierbergen; E-mail: Pieter.Vierbergen@gpa.gov.za
 Ms Palesa Mokoka; E-mail: Palesa.Mokoka@gpa.gov.za

1. INTRODUCTION

The current GPAA electronic security system has reached its life and at least 75% of the Access Control Systems do not meet the current security standards, which may expose the organisation to high risk. The business reasons for the GPAA to implement the Physical Security Project are:

- a) To improve access control at the GPAA Head Office as per Control of Access Public Premises and Vehicles, Act (53 of 1985).
- b) To control access to the buildings, or part thereof, where security officials identify the need for control.
- c) To enhance support of the security personnel in the performance of their duties, thereby conforming to local and international security standards

2. PURPOSE

a) BACKGROUND

The GPAA is in the process of modernising its total physical security infrastructure. This document outlines the To-Be CCTV, alarm and biometric specifications and architecture design for the GPAA offices.

b) OVERVIEW

The GPAA initiated in 2015 a project to upgrade and standardise all CCTV equipment. The first phase was to upgrade equipment at Hamilton (GPAA Head Office) to provide a foundation for future upgrades and inclusion of all regional offices.

c) CURRENT SITUATION

Phase 1 focused on the replacement of the old CCTV cameras, cabling and on providing recording functionality for all new cameras on 34 Hamilton Street (GPAA Head Office) only. This phase was completed successfully and now needs to extend to regional offices and additional areas identified at 34 Hamilton Street (GPAA Head Office).

This project will also include alarm systems and biometric systems at all offices of the GPAA.

The GPAA has standardised its security equipment and all new implementations will need to comply to the standards as detailed in this document.

3. SCOPE OF WORK

The project will be divided into 2 phases due to the relocation of some of the GPAA offices planned for 2016

Phase 2:

- Head Office (GPAA Arcadia)
- Polokwane
- Thohoyandou
- Pietermaritzburg
- Cape Town
- Bhishe
- Port Elizabeth
- Phuthaditjaba
- Kimberley
- Mahikeng
- Kingsley

Phase 3:

- Bloemfontein
- Umthatha
- Nelspruit
- Johannesburg
- Durban
- Rustenburg

4. DELIVERABLES

4.1 CCTV

- Provision, installation and commissioning of all CCTV cameras
- Provision of network cabling as per the GPAA standard.
- Provision, installation and commissioning of all regional site CCTV recorders
- Provision, installation and commissioning of recording server for regional offices at Hamilton
- Provision of recording and viewing license for the NUUO recording software
- Provision of additional storage to accommodate the requirement to have 6 month of video footage available
- Integration of CCTV system with alarm system
- SMS/E-mail notifications to identified GPAA security personnel on alarm activation and/or system errors

- Setup local recording on local NVR and remote recording at Hamilton
- Setup all NVR systems to NTP server
- Training of system users on how to operate the whole system
- Support and maintenance for 36 months

4.2 **ALARM SYSTEM**

- Provision, installation and commissioning of IDS X64 alarm system (Panel, keypad, Door contacts, battery backup and siren)
- Provision, installation and commissioning of IDS SMS communicator (SIM cards will be provided by the GPAA)
- Provision, installation and commissioning of PIR and Beam as indicated by the GPAA security team
- Provision of all cabling and ducting for alarm cables (min 6 core cable)
- Configuration of SMS numbers as defined by the GPAA for event notification, alarm activation and deactivation, alarm bypass
- Integration with CCTV recorder to activate cameras on an alarm event
- Training of the system users

4.3 **BIO METRIC READERS**

- Provision, installation and commissioning of Sagem OMA 520 Outdoor finger print identification terminals
- Provision, installation and commissioning of Sagem MA 500 Indoor finger print identification terminals
- Provision, installation and commissioning of 12V battery backup power supply units
- Provision, installation and commissioning of 300KG Magnetic locks including ZL brackets
- Provision, installation and commissioning of Dorma Medium duty automatic door closure
- Provision, installation and commissioning of spring loaded Override key switches
- Provision, installation and commissioning of MSO 300 Biometric take on readers including verify dongle
- Provision, installation and commissioning of Impro Intelligent Twin terminal IPS door controller
- Provision and installation of Impro Touch Licenses
- Provision, installation and commissioning of INS 944 software
- Provision and all cabling requirements
- Training of security personnel

4.4 **CCTV CABLING**

Cameras will require Cat6e cabling supporting Power over Ethernet (POE). To visually identify cabling the following colour scheme will be used for structured

SPECIFICATIONS	COMPLIANCE / ENHANCEMENT
----------------	--------------------------

cabling:

TABLE 1: CABLE CODING

Cabling infrastructure	Colour
Data	Grey
Bio Metric	Blue
CCTV	Red

UTP wiring must be according the Ethernet standards. The preferred standard is T-568B for CCTV cameras.

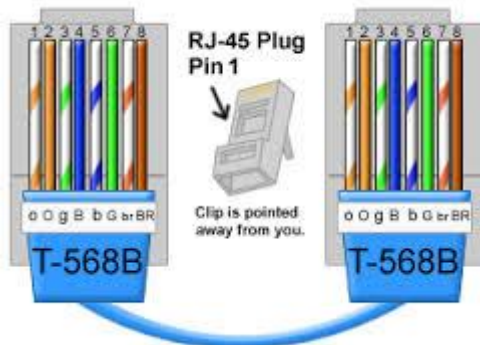


FIGURE 1: WIREING STANDARDS

STANDARDS COMPLIANCE CHECKLIST: PHYSICAL SECURITY UPGRADE

5. COMMITMENT TO DELIVER AND INSTALL

The successful bidder must be able to;

Provide, configure and install the system and equipment as described within this document within agreed timelines as per Service Level Agreement to be concluded between GPAA and the successful bidder upon appointment.

ANNEXURE A: SPECIFICATIONS AND DESIGN

1. CCTV cameras

The GPAA will use different cameras dependent on the location and functionality required.

A. PTZ

Pan-Tilt-Zoom (PTZ) cameras are currently used inside and outside the building. These cameras can be manipulated by operators to point at different location and can only record in the direction its pointing. During an incident cameras might not be pointing towards the area of crime, intentionally or unintentionally.

The PTZ functionality is provided by mechanical parts and motors build into the camera that can fail. GPAA will use a limited number of PTZ cameras on the outside of the building. Operators will be able to follow suspicions movement manually using the life-view PTZ functionality. These cameras can also be set to point at predefined areas for a period of time.



FIGURE 2: PTZ CAMERA

B. FISHEYE

Camera technology changes constantly and the new fisheye camera will replace the internal PTZ cameras. These cameras will provide the capability to record movement 360 degrees without any moving components. The software will de-warp the picture to provide multiple views across multiple life view screens. PTZ factuality will be provided by software with in the 360 degree recoded video. These cameras will be installed in open plan areas.

Cameras are fitted with Infrared sensors that will enable the camera to record any movement in total darkness. These cameras have optional inputs to trigger alarms but the configuration of these alarm inputs is not in scope for this project.

These cameras are also equipped with internal speakers and an internal microphone that will enable the operator to communicate with personnel or installers.



FIGURE 3: FISHEYE

C. Dome

Dome cameras are commonly used inside buildings as they are more fashionable and blend in well with surrounding areas. Unlike fisheye cameras and PTZ cameras these cameras are focused in a specific direction i.e. doors, stairs cabinets or any area that require fixed surveillance.

These cameras will also be equipped with Infrared sensors that enable recording in total darkness.



FIGURE 4: DOME CAMERA

D. BULLET

Bullet cameras are shaped cylindrical shape and are normal used for outside areas. These cameras are normally provided with a fixed lens.

These cameras will also have the capability to record in total darkness using the infrared capability



FIGURE 5: BULLET CAMERA

E. MINI BULLET

Mini bullet cameras are shaped cylindrical shape and are normal used for outside smaller areas. These cameras are normally provided with a fixed lens.

These cameras will also have the capability to record in total darkness using the infrared capability



FIGURE 6 - MINI BULLET

2. Camera standards

The GPAA has sanitised on the following cameras:

Manufacturer	Model nr	Description
Hikvision	DS-2DE7186-AE	2MP 30X 100M IR PTZ
Hikvision	DS-2CD636FIVS	Infra-red Fisheye Camera 6MP
Hikvision	DS-2CD6332FWD-I	Infra-red Fisheye Camera 3MP
Hikvision	DS-2CD2332-I	3MP Outdoor Exir Turret 4mm
Hikvision	DS-2CD2232-I5	3MP EXIR 50M Bullet 12mm
Hikvision	DS-2CD2032-I	IR Mini Bullet Network Camera

3. CAMERA SPECIFICATIONS SUMMARY

The table below provides an overview of the camera specification that will be used:

TABLE 2: CAMERA SPECIFICATION SUMMARY

Camera type	Specification
PTZ's	Hikvision 2-MP 30x Zoom 100M IR Network PTZ Camera. Outdoor, 3D DNR, D/N, Digital WDR, High-PoE & 24VAC (Note: Entry-level MP PTZ without "digital zoom", "alarm in/out" or "OSD menu" function)
Fisheye	Hikvision 1/3" progressive scan CMOS, 3 megapixel image sensor, True WDR, up to 120dB, Up to 2048*1536 resolution, real-time streaming, 360°view angle, Multiple viewing modes, Multiple ePTZ streams with preset and patrol functions, Ceiling, Wall or Table mount modes, Up to 15m IR range, Built-in microphone & speaker, Audio/Alarm I/O / RS485(-S model), IP66(-V model), IK10 vandal proof(-V model)
Dome Cameras	Hikvision 3-MegaPixel Outdoor EXIR Turret Network Camera. HD real-time video, 3D DNR & DWDR & BLC, EXIR illuminator (up to 30m), Lens: <u>4mm@F2.0</u> , IP66, PoE

External Bullets	Hikvision 3-MP EXIR Bullet Network Camera. HD real-time video, DWDR & 3D DNR, EXIR illuminators: up to 50m, Lens: 12mm@F2, IP66, PoE, Bracket included
Mini Bullets	Hikvision 3-MP IR Mini-Bullet Network Camera. 1/3" Prog. scan CMOS, Min Ill: <u>0.01@F1.2</u> / 0Lux with IR on, True D/N, IR: 15~20M, Lens options: 2.8, 4 & 12mm, IP66, 12VDC, PoE

4. NETWORK VIDEO RECORDING DEVICE (NVR) AND BACKUP NAS

An additional NUUO QUANTA Stratos S100 Series S100-L11SL NVR will be required at the GPAA Head Office. The NUUO QUANTA Stratos S100 is a physical appliance purposely built with Graphics Processing Unit (GPU) hardware acceleration for video display.

A GPU, also occasionally called visual processing unit (VPU), is a specialised electronic circuit designed to rapidly manipulate and alter memory to accelerate the creation of images in a frame buffer intended for output to a display.



FIGURE 7: NETWORK VIDEO RECORDER

The current system at Hamilton needs to be upgraded with 12x 6TB hard drives to support 6 months recording required by GPAA.

NVR functionality summary:

- Latest Intel platform: Haswell
- Rackmount support
- Redundant power
- Support analog and IP cameras
- Flexible scalability solution
- Support transcoding for limited-bandwidth remote viewer

- Support iPhone, iPad, Android mobile clients
- Support Panomorph PTZ (360°)
- Smart detection of 6 events with 10 instant notifications
- POS and I/O device integration
- E-map and GUI recording schedule
- Support joystick
- Up to 128CH remote live view
- Digital PTZ and multi-view
- Support digital watermark
- Up to 64 channels by adding IP licenses
- Support 78 brands of IP cameras and more than 1701 models
- Supported by NUUO Central Management System

Network Attached Storage (NAS)

Each image recorded on the NVR servers must be backed up to an additional NAS storage device

5. CENTRAL MANAGEMENT SYSTEM (CMS)

The system currently in use at Hamilton is the NUUO Central Management System (CMS). The NUUO Central Management System unifies all devices under one easy management console. The CMS solution can manage large scale installations including remote sites and is an ideal way to manage alarms. It allows for easy to schedule backups, edit alarms, and monitoring of all locations under one central interface.

Key Features include:

- Authentic client-server architecture
 - Centralized management station supports unlimited number of NUUO Mainconsole family recording server
 - Client features popup live window and instant playback, remote playback, embedded remote playback application and smart search in playback for special events
- Centralised video management by matrix wall
 - Matrix stream and display live video from any NUUO Mainconsole family recording server
 - Each matrix computer can display up to 64 channels of live video per monitor and supports multiple monitor display

- Supports 9 display layouts for standard screens (1/4/9/12+1/16/25/36/49/64) and 5 for 16:9 or 16:10 wide screens (1+3/2+4/1+8/12/48)
- Automatically display views, cameras and alarm videos at a specified interval. (Video tour)
- Full functional PTZ control panel, client can be used to pan, tile and zoom the cameras displaying on matrix with user privilege hierarchy
- Live display at different frame rate and resolution
- Advanced instant alarm management
 - Matrix can popup alarmed cameras instantly upon an unusual event on any matrix monitor specified
 - Real-time alarm management supporting up to 45 alarm types, 6 video analytic events, alarm priorities and independent alarm coverage, and data mining tool.
- Supports unlimited cameras, I/O devices, POS, LPR and access control
- Supports multiple layers of E-map
 - Tree structured map layout supporting unlimited map layers
 - Recording servers, cameras, I/O devices, POS, LPR and access control systems each have unique indicators.
 - Users can edit maps and servers easily, as well as make use of the navigation tool to zoom in and out of the map view, drag and drop the cameras
- Instant live view and playback
- User privilege and user group
 - Synchronised with Windows Active Directory server to manage user privilege and control of camera action
 - Assign different levels of privilege to access server, camera, I/O device, POS, alarm, log to each user account and user group.
- Supports two-way audio
- Support advance & embedded video analytics
 - Search for 5 different special events (general motion, missing object, foreign object, camera occlusion and signal lost) in recorded files with date, time and log file.
 - Alarm status, data mining and reporting function
- Support Fisheye De-warp
- Remote back-up
- Embedded remote control and access to any NUUO Mainconsole family recording server (NVR/DVR/NDVR Hybrid, Hybrid appliance, NVRsolo and NVRmini 2).
- Back-up alarm recording in clients

6. LICENSES

The following licences will be required

- NUUO IP PLUS 1CHANNEL LICENSE – This license is required to enable the NVR to record IP cameras. Each camera will require an individual licence to be enabled on the NVR.
- NUUO CMS 1CHANNEL CAM LICENSE – This license is required to manage cameras using the Central Management System (CMS)

7. SITE LOCATED NETWORK VIDEO RECORDER

Local recording will need to be done on a NUUO NVR SOLO 2 16 channel NVR's with alarm integration. Recording will be done on local NVR with a secondary stream to the Hamilton NVR. Each NVR need to have 2x 4TB storage.

Security personnel onsite as well as security personnel at Hamilton need to be able to monitor remote sites.

Bandwidth requirement for video is high. QOS needs to be implemented to limit the impact of business critical applications. To either Hamilton or Gallo Manor (2 GPAA data centres)

The NVR needs to be configured to send emails to selected GPAA personnel in the event of an alarm or system failure.

The system needs to be integrated with the alarm system and needs to trigger all cameras to record in the event of the alarm system triggered an alarm.



FIGURE 8- REGIONAL NVR DEPLOYMENT

8. VIDEO STORAGE DRIVES

The NUUO devices support Surveillance Storage hard drives. As part of phase 1, 2x NVR's were installed and will need to be upgraded with additional storage for retention of video for +- 6 Months.

WD Purple's exclusive firmware works with ATA streaming to reduce error pixilation and video interruptions storage in security systems. WD Purple Surveillance Storage is built for 24/7, always-on, high-definition surveillance security systems.



FIGURE 9: SURVEILLANCE STORAGE HARD DRIVE

The maximum number of camera connections depends on the server's hardware configuration and the total bit rate of the IP cameras. Real time video is 25 frames per second; the initial frame rate will be between 8 and 12 frames per second. The frame rate will not affect the video quality but the picture will show a bit of delay on fast moving objects. The ideal recoding will be at 15 frames per second.

As part of phase 2 an additional NVR needs to be added at the main office on Hamilton. These recorders can be configured to take over recordings of cameras in the event of a failure on one of the NVR's

Note: The higher the resolution and frame rate the more storage will be used.

The system should be able to hold 6 months of video and will be set to override older recordings. Cameras will be enabled to record only on motion detection. Incidence video can be captured and stored on additional disks locations and these locations can be backed up but a full backup of the system to tape will not be supported on the Netbackup equipment as the Netbackup solution is not designed for video surveillance video backups as the duplication functionality will not work.

Refer to Annexure B for camera quantity and location.

9. NETWORK DEPENDENCY

Implementing IP CCTV solutions on network infrastructure requires the network to comply with certain criteria, and bandwidth is one of the main factors when deploying a CCTV system. The current bandwidth between regional offices and Hamilton is 2 Mbps. These links will be upgraded to 20 Mbps lines with backup 10Mbps lines. An average of +/- 8 cameras will be deployed per site.

IP cameras can be set to transmit different rates and each camera can support multiple streams. Each stream can be set independently. It is recommended that the main stream will be set as 2048 Kbps and the secondary stream to 1024Kbps

Each camera will connect at 100Mbps full duplex to the local switch.

Regional offices network switches will be upgraded to Cisco 3650 with POE functionality. Red UTP Cat 6e Cables will be installed at all regional sites to accommodate the additional cameras. The network improvement project has not made provision for additional switch ports that will be required for cameras and biometric readers. Final numbers must be shared with the project to make provision for switches if a shortfall is identified at a regional site.

10. POWER OVER ETHERNET (POE)

Network switches must be able to provide Power over Ethernet (POE/POE+) to cameras. The new Cisco 3650 switches will provide POE+ to the cameras. In some cases the distance to the camera might be too far to provide adequate power to the cameras. In this case the power injectors must be provided by the service provider.

11. BANDWIDTH

Bandwidth required per camera will be determined by two aspects, frame rate and resolution. The higher any of these settings the more bandwidth will be required.

Cameras will connect at 100Mbps to Cisco 3650 access switches. The initial frame rate will be set between 8 and 12 frames per second at a resolution of 1280x720 (HD). The resolution will be adjusted depending on the area it needs to cover. Certain areas will require a higher resolution i.e. if a camera needs to cover a large area and images will require zooming the resolution will need to be higher 1920x1080. Each Camera will be evaluated and set to the optimal resolution during installation.

12. QoS.

The GPAA will have 5 classes of QoS as defined by the table below.

TABLE 3: QOS CLASSIFICATION

Category	Characteristics of the application
Scavenger	Applications / traffic that doesn't require any special marking that can tolerate packet loss, delay and jitter not related to business.
Best effort	Packet loss-tolerant applications, throughput and runtime can fluctuate depending on time of day. The applications are not time-critical (e.g., E-mail, FTP, http).
Business Critical	Time-critical applications which react sensitively to lost packets or scenarios in which large volumes of data are to transmit in a known period of time. These business-critical applications include for example inter-active sessions and enterprise resource planning. The transmission quality is optimized to minimize packet losses. This class will also include network routing, call signaling, network management and Streaming video.
Real-time (Interactive Streaming video)	– For multimedia near-real time applications – the quality is optimized for short runtimes The applications, e.g., video conferencing are tolerant to lost packets to a degree, but extremely sensitive to lag.
Real-Time (Voice)	– For Voice over IP in the intranet – quality is optimized for the special requirements of voice transmission with small IP packets and low Jitter.

The CCTV video will be defined as "Best effort" as it is not business critical or real time video conferencing traffic.

13. VLAN

A Virtual Local area network (Vlan) will be created for cameras. A VLAN is a group of devices on one or more LANs that are configured to communicate as if they were attached to the same wire, when in fact they are located on a number of different LAN segments. Because VLANs are based on logical instead of physical connections, they are extremely flexible.

VLANs's are defined by a VLAN ID nr. The current Vlan ID 155 will be used.

14. TRAINING

There's a need to provide training during the implementation. Administration training needs to be provided to system administrators, these users will be able to change settings to that backed server configuration.

Operators to be trained to use the live view console.

15. PHYSICAL SECURITY PROJECT DEPENDENCIES

To implement the CCTV successfully the project is dependent on the following:

- Implementation of the network switches that will replace the existing switches.

16. ALARM SYSTEM

Currently no alarm system is installed at any of the GPAA offices. An alarm system that will integrate with the CCTV camera system needs to be implemented.

17. ALARM PANEL

The GPAA selected the IDS X64 series alarm system The IDS X64 is the ideal security solution for both office and commercial environments. Through its many features it can expand effortlessly to 64 zones. With its range of zone expanders, for both wired and wireless, keypads & add on modules, it is a versatile and cost-effective security system.

The IDS X64 has 5 programmable outputs. Each output can be programmed to be triggered based on event programming, i.e. alarm activated or panic alarm. One of these outputs will be used to communicate with the CCTV system that will trigger all cameras to be triggered should an alarm be triggered.



FIGURE 10 - IDS X64

18. SMS COMMUNICATION

The GPAA requires that in an alarm event security personnel must be informed. This functionality forms part of the solution and will require a SMS module per alarm panel. (Note the GPAA will have to provide SIM cards)



FIGURE 11 - SMS ALARM MODULE

The IDS X-sms module is an add on SMS module that enables users to have full user control of the X-Series alarm systems from any mobile device that has the ability to send and receive SMS's.

FEATURES

- - Controls the X-Series via any cell phone handset
- - Simple SMS commands with command confirmation replies
- - 3 Levels of user authority:
 - (1) Master
 - (2) User
 - (3) Reporting
- Arm and disarm with partition control
- Query system status and partition status
- Bypass and un-bypass zones
- Trigger the control panels outputs
- Customize labels (zone, site, partition)
- Query airtime and manage SMS
- Automatic network time update option
- web application

Integration with armed response units is not part of this project. Should the GPAA require integration with armed response companies the contracted company will

require a separate communication unit. These units are normally rented from the armed response company.

19. PIR UNITS

Passive InfraRed sensor (PIR) is a device used to detect motion by receiving infrared radiation. When a person walks past the sensor, it detects a rapid change of infrared energy and sends a signal. PIR sensors are used for applications such as automatically activation of an alarm zone.

PIR sensors can be wired or wireless. The GPAA will require all PIR sensors to be wired to the control panel. This will eliminate PIR sensors to be inactive due to low battery voltage.

All PIRs must have a minimum range of 10 meters with a 90 degree angle.



FIGURE 12 - PIR

The GPAA security team did a survey at each site and has identified the number of PIR required per site as per annexure B.

20. BEAMS

Security beams monitor intrusion between 2 points. An alarm is activated when the beam between these devices is interrupted.

Specifications:

- 2 simultaneous cut off detection beams
- Adjustable response time of 50-700msec
- Excellent immunity to fog & mist
- Sensitivity monitoring output terminal
- Optical axis horizontal adjustment of 90°
- Optical axis vertical Adjustment of 10°



FIGURE 13 - BEAM

21. DOOR CONTACTS

Door contacts are used to determine the open or close state of a door. These contacts make use of a magnetic contact and a magnet. If the alarm system is in an armed state and the state of the contact change an alarm will be activated.

Specifications:

- Heavy Duty Door Mags
- Normally Open / Normally Closed contact
- Non armoured cable
- Max 40mm opening gap



FIGURE 14 - DOOR CONTACT

22. BIOMETRIC ACCESS

During the security site survey done at regional sites it was found that access into and within buildings is not sufficient. Refer to Accenture C for the allocated readers.

A. BIOMETRIC OUTDOOR READERS

The GPAA standardised on Sagem OMA520 readers for outdoor and on Sagem MA500 readers for inside.

Specification outdoor - OMA520 outdoor reader.



FIGURE 15 - SAGEM OMA520

Database

- 3,000 - 10,000 enrolled personnel (two fingers per person) (50,000 capacity with MA-Xtended license)
- Stores up to 8,000 logs of activity in off-line mode

Matching

- 0.7 sec in authentication mode
- 0.9 sec in 1:1000 identification mode (including detection, coding and matching)

Interfaces

- Ethernet (10/100 Base T)
- 26-bit Wiegand Input and Output

Fingerprint Reader

- MiFare Card Reader
- IP65 certified in a hardened, weatherized housing
- Dry Contact Relay
- 500 dpi MorphoSmart™ optical fingerprint scanner
- Backlit LCD graphical display (128 x 64 pixels)
- Backlit keypad with 12 keys
- Buzzer and bi-colour LED
- Dual-core ARM 9 microprocessors with multi thread processing capability

Security

- SSL on TCP/IP network
- Secure screws, antitheft and anti-tamper

Physical characteristics

- Height 289mm x Width 218mm x Depth 99mm
- Weight: 2kg

Voltage supply

- 9V, 16V (350 mA typical @ 12V)
- 15.4W Power Over Ethernet (POE)

Operating Conditions

- Operating temperature range: -10c to +50c
- Operating humidity range: 10% to 80%

B. BIOMETRIC INDOOR READERS

The GPAA standardised on Sagem OMA520 readers for outdoor and on Sagem MA500 readers for inside.

Specification indoor - MA500 inside door reader.



FIGURE 16 - SAGEM MA500

Database

- 3,000 - 10,000 enrolled personnel (two fingers per person) (50,000 capacity with MA-Xtended license)
- Stores up to 8,000 logs of activity in off-line mode

Matching

- 0.7 sec in authentication mode
- 0.9 sec in 1:1000 identification mode (including detection, coding and matching)

Interfaces

- Ethernet (10/100 Base T)
- 26-bit Wiegand Input and Output

Fingerprint Reader

- Dry Contact Relay
- 500 dpi MorphoSmart™ optical fingerprint scanner
- Backlit LCD graphical display (128 x 64 pixels)
- Backlit keypad with 12 keys
- Buzzer and bi-colour LED

Security

- SSL on TCP/IP network
- Secure screws, antitheft and anti-tamper

Physical characteristics

- Height 155mm x Width 155mm x Depth 74mm
- Weight: 0.8kg

Voltage supply

- 9V, 16V (350 mA typical @ 12V)
- 15.4W Power Over Ethernet (POE)

Operating Conditions

- Internal use
- Operating temperature range: -10c to +50c
- Operating humidity range: 10% to 80%

C. ENROLMENT FINGERPRINT READER

The GPAA uses MSO 300 fingerprint readers. These readers have large sensors providing high-quality that can be used for enrolment and comparison operations

Specification:

- Large-size sensor: 23x23 mm
- Sensor resolution: 500 dpi
- Database capacity: 500 to 5 000
- Interface: USB 2.0
- Performance: authentication < 0,7 sec., identification < 0,9 sec. in 1:1000 identification mode (including detection, encoding and matching)
- Accurate: FAR is configurable down to 0,00000001 depending on the security requirements
- Power supply: USB



FIGURE 17 - ENROLMENT FINGER PRINT READER

D. INELEGANT TWIN TERMINAL IN IP DOOR CONTROLLER

The GPAA use ImproX IPS911-1-0GB – 2nd generation door controllers with 100Mbps TCP/IP. Each door will require one of these controllers with the following specifications:

- The iTT is a redundant Door Controller monitoring access rights based on localised cached transactions. All offline transactions are buffered and uploaded to the System Controller when the connection is re-established.
- The iTT is backwards compatible with legacy systems however offline functionality will be supported
- The iTT communicates with the System Controller via either 100mbps TCP/IP
- Housed in a black, powder coated, steel housing
- Include a 3amp switch-mode power supply, with 2 way output connectors ,12VDC, 7Ah Battery backup, Battery charging, Surge and short protection and 5 x ImproX Quick-Click glands
- Includes an upgraded tuning circuit allowing the Antenna Readers to be installed up to 16meters for keypad Antenna Readers and 20 meters for all other Antenna Readers



FIGURE 18 - DOOR CONTROLLER

E. IMPRO SOFTWARE

Impro software will be required per site. The software will allow enrolment of personnel as well and management of and reporting

Each system will require a license

F. BIOMETRIC NETWORK CABLING

Biometric readers will require Cat6e cabling supporting Power over Ethernet (POE). To visually identify cabling the following colour scheme will be used for structured cabling:

TABLE 4: BIOMETRIC CABLING STANDARD

Cabling infrastructure	Colour
Data	Grey
Bio Metric	Bleu
CCTV	Red

UTP wiring must be according the Ethernet standards. The preferred standard is T-568B for Biometric readers.

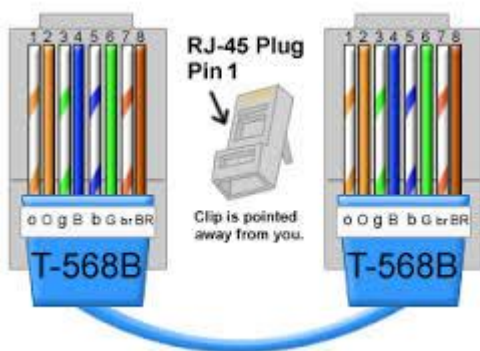


FIGURE 19 - BIOMETRIC UTP STANDARD

G. MAGNETIC LOCK

Each door secured with a biometric reader will require a 300Kg aluminium magnetic holding force lock. Magnetic locks will be places on the inside of the door and need to include ZL bracket



FIGURE 20 - MAGNETIC LOCK

H. AUTOMATIC DOOR CLOSER

Each door must be fitted with a Medium duty automatic door closer. These units must be for standard door sizes of 850 and 950 mm (GPAA to determine the nr of document opening outwards and inwards)



FIGURE 21 - AUTOMATIC DOOR CLOSER

I. NO-TOUGH EXIT BUTTON

At areas where no biometric exit button is required No-Tough Exit Button will be used.



J. SPRING LOADED OVERRIDE KEY

Each door will require a spring loaded DPDT on/off switch that can be used in the event that the bio metric system fails and access to the building is required. These switches will be mounted together with the outside biometric reader.



FIGURE 22 - SPRING LOADED KEY BOX

K. EMERGENCY DOOR RELEASE BOX

An emergency door release box will be required at each internal Biometric reader.

Specification:

- Mechanical emergency door release switch
- Green surface mount box with conduit knockout
- Manual key resettable actuator
- Break-glass activation
- With hinged clear plastic protective cover



FIGURE 23 - EMERGENCY DOOR RELEASE

23. TERMS AND CONDITIONS

- A. The service provider should provision for migration of the equipment should the equipment installed, maintained and integrated by the service provider require to be moved.
- B. The estimated timeframe for this implementation is 8 months.
- C. Equipment quantities on this RFP are provisional, noted and subject to change based on final quantities to be provided by GPAA. Quantities can be slightly reduced or increased at the discretion of the GPAA.
- D. Termination, should business no longer have justifiability for this solution, the project can be cancelled at any phase by the discretion of the GPAA.

ANNEXURE B: EQUIPMENT LOCATIONS AND QUANTITIES

GPAA took into account a number of considerations regarding the placement of equipment i.e. outside areas, exit routes, health and safety, open plan areas, access through windows as well areas required by forensic. The following areas will form part of phase 2:

Site	Location	Equipment Type	CCTV									Biometric										Alarm																				
			2MP 30X 100M IR PTZ	Infra-red Fisheye Camera 6MP	Infra-red Fisheye Camera 3MP	3MP Outdoor Exit Turret 4mm	3MP EXIR 50M Bullet 12mm	IR Mini Bullet Network Camera	CCTV cabling	Network video recorder	Sagem OMA520 Outdoor Biometric Reader incl Impro Unlock Token	Sagem MA500 Indoor Biometric Reader incl Impro Unlock Token	Sagem Jdual Indoor Biometric Reader incl Impro Unlock Token	12VDC Battery back-up power supply units	300kg Magnetic locks incl ZL bracket	Dorma Medium Duty Automatic Door Closers	No-Touch Request to Exit Push Buttons	Springloaded Override Keyswitches	Cabling & Sundry equipment	MSO 300 Biometric take on reader incl verify dongle	Impro intelligent 1win Terminal in IPS door controller	Impro Touch Licence	INS 944	Door Contacts	90 Deg PIR's	60m Point to Point Beam	80m Point to Point Beam	IDS X63 Alarm Panel incl LCD Keypad	IDS SMS Communicator - SIM CARDS TO BE SUPPLIED BY THE CLIENT													
Bisho	back exit door	Alarm																																	1	1						
Bisho	Security Supervisor's office	Alarm							0																															1	1	
Bisho	manager's office front door	Alarm							0																										1	1						
Bisho	Back window next to bathroom	Alarm							0																															1		
Bisho	Server room	Biometric							0	1	1		1	1	1		1	1																								
Bisho	security office	Biometric							0	1	1		1	1	1		1	1	1	1	1	1	1																			
Bisho	Staff entrance	Biometric							0	1	1		1	1	1		1	1																								
Bisho	manager's office	Biometric							0	1	1		1	1	1		1	1																								
Bisho	Server and store room	CCTV				1			1																																	
Bisho	Office Admin passage	CCTV				1			1																																	
Bisho	Back top wall	CCTV				1			1																																	
Bisho	X-Ray foyer	CCTV				1			1																																	
Bisho	Back area	CCTV				1			1																																	

Bisho	Front parking	CCTV	1					1																				
Bisho	Back office service desk	CCTV	1					1																				
Bisho	Server room	CCTV			1			1	1																			
SUB TOTAL			2		6			8	1	4	4		4	4	4		4	4	1	1	1	1	2	2		1	1	1
Bloemfontein (estimated)	Estimate	Alarm						0														4	6			1	1	
Bloemfontein (estimated)	Estimate	Biometric						0		4	4		4	4	4		4	4	1	1	1	1						
Bloemfontein (estimated)	Escape door from board room. Entrance to the parking	CCTV					1	1																				
Bloemfontein (estimated)	Government parking & gate to the parking	CCTV	1					1																				
Bloemfontein (estimated)	main entrance, reception area & security desk	CCTV			1			1																				
Bloemfontein (estimated)	ICT server room, open plan work station & passage to the escape door	CCTV			1			1																				
Bloemfontein (estimated)	Server room	CCTV			1			1	1																			
SUB TOTAL			1		2	1		1	5	1	4	4		4	4	4		4	4	1	1	1	1	4	6		1	1
Durban (estimated)	Security Desk	Alarm						0															6			1	1	
Durban (estimated)	Estimate	Biometric						0		4	4		4	4	4		4	4	1	1	1	1	4					
Durban (estimated)	Open plan	CCTV		1				1																				
Durban (estimated)	Client service desk	CCTV			1			1																				
Durban (estimated)	In the passage	CCTV			1			1																				
Durban (estimated)	Centre office	CCTV			1			1																				
Durban (estimated)	Service passage	CCTV			1			1																				
Durban (estimated)	Staff passage	CCTV			1			1																				
Durban (estimated)	Server room	CCTV			1			1	1																			
SUB TOTAL			1		6			7	1	4	4		4	4	4		4	4	1	1	1	1	4	6		1	1	

Hamilton Head Office	Control Room	Alarm							0														1	1	
Hamilton Head Office	H block ground north side	Alarm							0														1		
Hamilton Head Office	Control Room	Alarm							0														1	1	
Hamilton Head Office	Water tank area	Alarm							0								1								
Hamilton Head Office	Communications office	Alarm							0														1		
Hamilton Head Office	Block A back area	Alarm							0														1		
Hamilton Head Office	Block A and B	Alarm							0														1		
Hamilton Head Office	Block B and C	Alarm							0														1		
Hamilton Head Office	Block C and D	Alarm							0														1		
Hamilton Head Office	Block D and E	Alarm							0														1		
Hamilton Data Centre	Hamilton Data Centre	CCTV				3			3																
Hamilton Head Office	NSF office	CCTV		1					1																
Hamilton Head Office	Military open plan	CCTV			1				1																
Hamilton Head Office	Medical open plan	CCTV			1				1																
Hamilton Head Office	Finance office (old call centre office)	CCTV				1			1																
Hamilton Head Office	C105 passage	CCTV				1			1																
Hamilton Head Office	Pre Audit	CCTV				1			1																
Hamilton Head Office	On top corner A Block	CCTV	1						1																
Hamilton Head Office	Driveway	CCTV	1						1																
Hamilton Head Office	Batteries UPS	CCTV				2			2																
SUB TOTAL			2	1	2	8			13													1	7	2	2
Kimberly	Main entrance	Alarm							0								1								
Kimberly	Client waiting windows	Alarm							0									2							
Kimberly	Kitchen door	Alarm							0								1								

Pietermaritzburg	Sever room	Alarm								0														1					
Pietermaritzburg	Main entrance	Biometric								0	1	1			1	1													
Pietermaritzburg	Sever room	Biometric								0	1	1			1	1													
Pietermaritzburg	Staff waiting area back door	Biometric								0	1	1			1	1													
Pietermaritzburg	Security enrollment area	Biometric								0										0	1	1	1	1					
Pietermaritzburg	Foyer area	CCTV			1					1																			
Pietermaritzburg	Back passage	CCTV			1					1																			
Pietermaritzburg	Undercover parking	CCTV	1							1																			
Pietermaritzburg	Back wall entrance	CCTV	1							1																			
Pietermaritzburg	Main entrance	CCTV			1					1																			
Pietermaritzburg	CLLo's office	CCTV			1					1																			
Pietermaritzburg	Kitchen exit/entrance	CCTV			1					1																			
Pietermaritzburg	Waiting area	CCTV			1					1																			
Pietermaritzburg	Main entrance	CCTV			1					1																			
Pietermaritzburg	Board room back entrance	CCTV			1					1																			
Pietermaritzburg	Server room	CCTV			1					1	1																		
Pietermaritzburg	Main entrance	X-Ray								0																			
SUB TOTAL			2	1	8					11	1	3	3		3	3	3		3	3	1	1	1	1	2	3		1	1
Polokwane	Main entry door into office	Alarm								0															1				
Polokwane	back exit door	Alarm								0															1				
Polokwane	manager's office	Alarm								0														1	1			1	1
Polokwane	Client service Waiting area	Alarm								0															2				
Polokwane	Back door	Alarm								0														1					
Polokwane	server room	Biometric								0	1	1			1	1	1							1	1				
Polokwane	staff entrance	Biometric								0	1	1			1	1	1							1	1				
Polokwane	back staff exit door	Biometric								0	1	1			1	1	1							1	1				
Polokwane	Security enrolment area	Biometric								0											0	1	1	1	1				
Polokwane	Main entrance outside	CCTV	1							1																			
Polokwane	X-Ray machine area	CCTV			1					1																			

Polokwane	Client Service Desk	CCTV			1			1																				
Polokwane	Kitchen entrance	CCTV			1			1																				
Polokwane	North next to staff entrance	CCTV			1			1																				
Polokwane	Back public entry north	CCTV	1					1																				
Polokwane	East passage emergency exit	CCTV	1					1																				
Polokwane	Server room	CCTV			1			1	1																			
Polokwane	North passage	CCTV	1					1																				
Polokwane	Main entrance	X-Ray						0																				
SUB TOTAL			4		1	4		9	1	3	3		3	3	3		3	3	1	1	1	1	4	3		1	1	
Port Elizabeth	Security room	Alarm						0																		1	1	
Port Elizabeth	Main office entrance door	Alarm						0																1	1			
Port Elizabeth	Boardroom main entry door	Alarm						0																1	1			
Port Elizabeth	Back exit door	Alarm						0																1	1			
Port Elizabeth	Server room	Biometric						0		1	1		1	1	1		1	1										
Port Elizabeth	Staff main entrance	Biometric						0		1	1		1	1	1		1	1										
Port Elizabeth	Boardroom door	Biometric						0		1	1		1	1	1		1	1										
Port Elizabeth	Security enrolment area	Biometric						0									0	1	1	1	1							
Port Elizabeth	Back exit door	Biometric						0		1	1		1	1	1		1	1										
Port Elizabeth	Server room	CCTV			1			1	1																			
Port Elizabeth	Store room, server and back door	CCTV			1			1																				
Port Elizabeth	Far top	CCTV			1			1																				
Port Elizabeth	Service desk	CCTV			1			1																				
Port Elizabeth	Client waiting area	CCTV			1			1																				
Port Elizabeth	X-ray machine checkpoint	CCTV			1			1																				
Port Elizabeth	Staff entrance	CCTV			1			1																				
Port Elizabeth	Boardroom foyer	CCTV			1			1																				
Port Elizabeth	Main entrance	X-Ray						0																				

SUB TOTAL						8			8	1	4	4		4	4	4		4	4	1	1	1	1	3	3			1	1
Thohoyandou	Main entrance	Alarm							0															1	1				
Thohoyandou	Behind security desk	Alarm							0																			1	1
Thohoyandou	Client waiting windows	Alarm							0																1				
Thohoyandou	Boardroom	Alarm							0															1	1				
Thohoyandou	Kitchen	Alarm							0																1				
Thohoyandou	Supervisor office	Alarm							0																1				
Thohoyandou	Main entrance In	Biometric							0		1	1		1	1	1		1	1										
Thohoyandou	server room	Biometric							0		1	1		1	1	1		1	1										
Thohoyandou	Security enrolment area	Biometric							0										0	1	1	1	1						
Thohoyandou	Main entrance Outside	CCTV	1						1																				
Thohoyandou	Client waiting area	CCTV				1			1																				
Thohoyandou	Server room	CCTV				1			1	1																			
Thohoyandou	Second waiting area	CCTV		1					1																				
Thohoyandou	Kitchen exit/entrance	CCTV				1			1																				
Thohoyandou	Client service area/desks	CCTV				1			1																				
Thohoyandou	Main entrance	X-Ray							0																				
SUB TOTAL			1	1		4			6	1	2	2		2	2	2		2	2	1	1	1	1	2	5			1	1
Kingsley Client Relations Office	Main entrance	Alarm							0															1					
Kingsley Client Relations Office	Back windows	Alarm																								6			
Kingsley Client Relations Office	Client waiting windows	Alarm							0																2				
Kingsley Client Relations Office	Kitchen door	Alarm							0																				
Kingsley Client Relations Office	Security desk	Alarm							0																			1	1
Kingsley Client Relations Office	Main entrance outside	CCTV	1						1																				
Kingsley Client Relations Office	Second client service	CCTV				1			1																				
Kingsley Client Relations Office	Server room	CCTV				1			1	1																			
Kingsley Client Relations Office	Top corner main entrance	CCTV				1			1																				

Rustenburg (estimated)	Server room	CCTV				1			1	1																											
Rustenburg (estimated)		CCTV	1			4			5																												
SUB TOTAL			1			5			6	1	2	2			2	2	2			2	2	1	1	1	1	2	4					1	1				
Johannesburg (estimated)		Alarm							0																		4				1	1					
Johannesburg (estimated)		Biometric							0		2	2			2	2	2			2	2	1	1	1	1												
Johannesburg (estimated)	Server room	CCTV				1			1	1																											
Johannesburg (estimated)		CCTV		1		3			4																												
SUB TOTAL				1		4			5	1	2	2			2	2	2			2	2	1	1	1	1		4						1	1			
SUB TOTAL																																					
GRAND TOTAL			17	6	10	87	0	4	124	16	39	39	0	39	39	39	0	39	39	15	15	15	15	29	63	8	8	18	18								

TABLE 5: EQUIPMENT LOCATION

Equipment quantities on this RFP are provisional, noted and subject to change based on final quantities to be provided by GPAA. Quantities can be slightly reduced or increased at the discretion of the GPAA.

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF GOVERNMENT PENSIONS
ADMINISTRATION AGENCY (GPAA)

BID NUMBER: **GPAA 23/2016** CLOSING DATE: **19 July 2016**
CLOSING TIME: **11:00 am**
DESCRIPTION: Physical Security Systems Upgrade Project I- Fixed Equipment

THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT

BID DOCUMENTS MUST BE DEPOSITED IN THE BID BOX SITUATED AT GPAA ADDRESSED TO:
Government Pensions Administration (GPAA)
34 HAMILTON STREET
ARCADIA
PRETORIA
0001

Bidders should ensure that bids are delivered timorously to the correct address. If the bid is late, it will not be accepted for consideration. The bid box is generally open 8 hours a day between 08:00 to 16:30, Monday to Fridays. ALL BIDS MUST BE SUBMITTED WITH THE STANDARD FORMS – (NOT TO BE RE-TYPED)
THIS BID IS SUBJECT TO THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT

THE FOLLOWING PARTICULARS MUST BE FURNISHED (FAILURE TO DO SO MAY RESULT IN THE BID BEING DISQUALIFIED) ALL STANADARD BIDDING DOCUMENT AS ATTACHED

NAME OF BIDDER.....
POSTAL ADDRESS.....
STREET ADDRESS.....
TELEPHONE NUMBER CODE.....NUMBER.....
CELLPHONE NUMBER.....
FACSIMILE NUMBER CODENUMBER.....
VAT REGISTRATION NUMBER

HAS A TAX CLEARANCE CERTIFICATE BEEN SUBMITTED (SBD2)?
YES/NO

SIGNATURE OF BIDDER

DATE

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

PRICE SCHEDULE

TABLE A PHASE 2 EQUIPMENT

1.	CCTV	NUMBER OF EQUIPMENT	COST
	2MP 30X 100M IR PTZ	13	
	Infra-red Fisheye Camera 6MP	2	
	Infra-red Fisheye Camera 3MP	8	
	3MP Outdoor Exir Turret 4mm	62	
	3MP EXIR 50M Bullet 12mm	0	
	IR Mini Bullet Network Camera	1	
	CCTV cabling	86	
	Network video recorder	9	
	Upgrade existing CCTV server to accommodate 6 moths of storage (6TB storage drives)	12	
	Upgrade existing Quanta STRATOS S100-L11SL with dual power supplies	2	
	QUANTA STORAGE 1U 4DIMM 12HDD UNIT with 8x 6 TB storage with dual power supply	2	
	NUUO IP Plus 1 Channel Licence	86	
	NUUO CMS 1 Channel Base Cam Licence	86	
	NAS storage with dual power supply for backup (80TB)	1	
			R
2.	BIOMETRICS	NUMBER OF EQUIPMENT	COST
	Sagem OMA520 Outdoor Biometric Reader incl. Impro Unlock Token	23	
	Sagem MA500 Indoor Biometric Reader incl Impro Unlock Token	23	
	Sagem Jdual Indoor Biometric Reader incl Impro Unlock Token	0	
	12VDC Battery back-up power supply units	23	
	300kg Magentic locks incl ZL bracket	23	
	Dorma Medium Duty Automatic Door Closers	23	
	No-Touch Request to Exit Push Buttons	0	
	Springloaded Override Keyswitches	23	
	Cabling & Sundry equipment	23	
	MSO 300 Biometric take on reader incl verif dongle	9	
	Impro Intelligent Twin Terminal in IPS door controller	9	
	Impro Touch Licence	9	
	INS 944	9	
			R
3.	ALARM	Number of Equipment	COST
	Door Contacts	20	
	90 Deg PIR's	39	
	60m Point to Point Beam	8	

80m Point to Point Beam	8	
Cabling & Sundry equipment per point	75	
IDS X63 Alarm Panel incl LCD Keypad	12	
IDS SMS Communicator - SIM CARDS TO BE SUPPLIED BY THE CLIENT	12	R
SUB TOTAL A PHASE 2	R	

PRICE SCHEDULE

TABLE B PHASE 3 EQUIPMENT

1.	CCTV Supply, and Central Management System (CMS)	NUMBER OF EQUIPMENT	COST
	2MP 30X 100M IR PTZ	4	
	Infra-red Fisheye Camera 6MP	4	
	Infra-red Fisheye Camera 3MP	2	
	3MP Outdoor Exir Turret 4mm	25	
	3MP EXIR 50M Bullet 12mm	0	
	IR Mini Bullet Network Camera	3	
	CCTV cabling	37	
	Network video recorder	6	
	NUUO IP Plus 1 Channel Licence	37	
	NUUO CMS 1 Channel Base Cam Licence	37	
			R
2.	BIOMETRICS READERS	NUMBER OF EQUIPMENT	COST
	Sagem OMA520 Outdoor Biometric Reader incl. Impro Unlock Token	16	
	Sagem MA500 Indoor Biometric Reader incl Impro Unlock Token	16	
	Sagem Jdual Indoor Biometric Reader incl Impro Unlock Token	0	
	12VDC Battery back-up power supply units	16	
	300kg Magentic locks incl ZL bracket	16	
	Dorma Medium Duty Automatic Door Closers	16	
	No-Touch Request to Exit Push Buttons	0	
	Springloaded Override Keyswitches	16	
	Cabling & Sundry equipment	16	
	MSO 300 Biometric take on reader incl verif dongle	6	
	Impro Intelligent Twin Terminal in IPS door controller	6	
	Impro Touch Licence	6	
	INS 944	6	
			R

3.	INTRUDER ALARM SYSTEM	Number of Equipment	COST
	Door Contacts	14	
	90 Deg PIR's	30	
	60m Point to Point Beam	0	
	80m Point to Point Beam	0	
	Cabling & Sundry equipment per point	44	
	IDS X63 Alarm Panel incl LCD Keypad	6	
	IDS SMS Communicator - SIM CARDS TO BE SUPPLIED BY THE CLIENT	6	
			R
4.	CABLING, INSTALLATION AND COMMISSIONING		R

TABLE C. MAINTANANCE AND SUPPORT

No	Description – See Annexure C	Monthly Fee	Year 1	Year 2	Year 3
1	Maintenance of entire system at Regional Offices (Inclusive of CCTV Cameras, biometrics, alarm system and Network Video Recording Device Equipment)	R	R	R	R
SUB TOTAL		R			

TABLE D CABLING, INSTALLATION AND COMMISSIONING

Cabling, installation and commissioning/Integration	R
Provision of 10% contingencies for the possible decommissioning and re-installation per regional site	R
SUB TOTAL	R

TABLE E (FINAL SUMMARY)

TABLE A PHASE 2 EQUIPMENT	R
TABLE B PHASE 3 EQUIPMENT	R
TABLE C MAINTANANCE AND SUPPORT	R
TABLE D CABLING, INSTALLATION AND COMMISSIONING/ INTEGRATION	R
<u>GRAND TOTAL</u>	R

GUIDE TO RESPOND

All bids will be evaluated in terms of the attached evaluation criteria. The PPR20111 will be applied and the 90/10 evaluation criteria, specifically, will be used. The evaluation has three phases:

Phase 1- Administrative requirement

Phase 2- Functionality / Technical requirement

Phase 3 – Price

Bidders will only be considered for the evaluation of phase 2 after meeting the requirements for phase 1 and will then be considered for phase 3 after meeting the minimum qualifying threshold of 60% in phase 2.

Functionality/ Technical evaluation

Bidders should take note of the different elements within the evaluation of the technical phase, which are:

- Track record and previous experience
 - A minimum of 5 years' experience in the Security Industry is a requirement. Additional number of years will result in a higher score;
 - Previous and current client reference letters showing capability in required services. The number of reference letters will be a determining factor when allocating scores. Similarly, the value of the work will be considered;
- Capacity
 - Bidders must demonstrate that they have the necessary capacity to provide the required service. This may include equipment to be used to carry out the required services and number of trained/qualified staff.
- Capability
 - Bidders must demonstrate technical capability and clear planning in executing current and previous security installation services and maintenance. Attach a minimum of 3 copies of approved maintenance schedules used in recent or current projects. Also include a maintenance programme that will be followed on the GPAA site.
 - The Technical Proposal should include an index which reflects the relevant sections being evaluated. Pages should also be numbered for ease of reference. Any Annexure should be cross referenced to the relevant element within the evaluation criteria.

8. EVALUATION CRITERIA

Item No.	Evaluation Criteria Items 90/10 Principle	Weight
A	Phase 1: Administrative compliance:	<p>The following <u>compulsory</u> statutory documents:</p> <ul style="list-style-type: none"> • Proof of attendance of briefing section • Completed SBD1; • Valid Original Tax Clearance Certificate (SBD 2); • Completed SBD 3.1; • Completed SBD 4; • Completed SBD 6.1; • Completed SBD 8; • Completed SBD 9; • Technical Response. • Pricing proposal • Certified copy of PSIRA certificate • Standards compliant Comply to GPAA standards (Should the manufacture of the equipment discontinue a product i.e. if a 3 Meg cameras be replaced by 4 Meg cameras the supplier must quote on the replacement equipment) <p>Failure to comply with the administrative required documents will render your bid non-responsive and will lead to disqualification.</p>
B	Phase 2: Functionality:	

	1. Track record and previous experience	Company Experience: At least five (5) years' experience in providing similar services(Supply and Installation of CCTV cameras, biometric reader, Intruder Alarm System), and should provide proof accompanied by correspondence from referees.	20%															
	2. Capacity	Company Capacity: Provide CVs, ID Copies and qualifications of all personnel who will be involved in the execution of this project	15%															
	3. Project plan	Provide a project plan (expected delivery 3 months from PO date) Provision of a Detailed Project Plan/Execution Plan	15%															
	4. Integration	The supplier must demonstrate how all aspects will integrate with the current environment deployed at the GPAA	35%															
	5. Capability	Attach a minimum of 3 copies of approved maintenance schedules used in recent or current projects. Also include a maintenance programme that will be followed on the GPAA site	15%															
		NB Minimum 60% qualifications on functionality. For purpose of evaluating functionality, the following values will be applicable:																
		<table border="1"> <tr> <td>1=</td> <td>Poor</td> <td>Will not be able to fulfil the requirements</td> </tr> <tr> <td>2=</td> <td>Average</td> <td>Will partially fulfil the requirements</td> </tr> <tr> <td>3=</td> <td>Good</td> <td>The bidder will be able to fulfil the min requirements</td> </tr> <tr> <td>4=</td> <td>Very Good</td> <td>The bidder will be able to fulfil better in terms of the requirements</td> </tr> <tr> <td>5=</td> <td>Excellent</td> <td>Fully fulfil in terms of the requirements</td> </tr> </table>	1=	Poor	Will not be able to fulfil the requirements	2=	Average	Will partially fulfil the requirements	3=	Good	The bidder will be able to fulfil the min requirements	4=	Very Good	The bidder will be able to fulfil better in terms of the requirements	5=	Excellent	Fully fulfil in terms of the requirements	
1=	Poor	Will not be able to fulfil the requirements																
2=	Average	Will partially fulfil the requirements																
3=	Good	The bidder will be able to fulfil the min requirements																
4=	Very Good	The bidder will be able to fulfil better in terms of the requirements																
5=	Excellent	Fully fulfil in terms of the requirements																
C	Total Functionality		100															
	Phase 3: Preference and Price																	
	Price score		90															
	B-BBEE level score		10															
	Total score on preference and price		100															

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-

- The bidder is employed by the state; and/or
- the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declaring acts and persons who are involved with the evaluation and or adjudication of the bid.

2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**

2.1 Full Name of bidder or his or her representative:

2.2 Identity Number:

2.3 Position occupied in the Company (director, trustee, shareholder²):

2.4 Company Registration Number:

2.5 Tax Reference Number:

2.6 VAT Registration Number:

2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

¹"State" means –

- (a) Any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) Any municipality or municipal entity;
- (c) Provincial legislature;
- (d) National Assembly or the national Council of provinces; or
- (e) Parliament.

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

2.7 Are you or any person connected with the bidder Presently employed by the state? **YES / NO**

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/ member:

Name of state institution at which you or the person

Connected to the bidder is employed:

Position occupied in the state institution:

Any other particulars:

.....
.....
.....

2.7.2 If you are presently employed by the state, did you obtain The appropriate authority to undertake remunerative Work outside employment in the public sector? **YES / NO**

2.7.2.1 If yes, did you attached proof of such authority to the bid Document? **YES / NO**

(Note: Failure to submit proof of such authority, where Applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

.....
.....
.....

2.8 Did you or your spouse, or any of the company's directors / Trustees / shareholders / members or their spouses conduct Business with the state in the previous twelve months? **YES / NO**

2.8.1 If so, furnish particulars:

.....
.....
.....

2.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

2.9.1 If so, furnish particulars.

.....

2.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid? **YES/NO**

2.10.1 If so, furnish particulars.

.....

2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract? **YES/NO**

2.11.1 If so, furnish particulars:

.....

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

Full Name	Identity Number	Personal Tax Reference Number	State Employee Number / Persal Number

4 DECLARATION

I, THE UNDERSIGNED (NAME).....
CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.
I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF
PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS
DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2011

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R1 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R1 000 000 (all applicable taxes included).

1.2 The value of this bid is estimated to exceed/not exceed R1 000 000 (all applicable taxes included) and therefore the.....system shall be applicable.

1.3 Preference points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contribution.

1.3.1 The maximum points for this bid are allocated as follows:

	POINTS
1.3.1.1 PRICE	90
1.3.1.2 B-BBEE STATUS LEVEL OF CONTRIBUTION	10
Total points for Price and B-BBEE must not exceed	100

1.4 Failure on the part of a bidder to fill in and/or to sign this form and submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System (SANAS) or a Registered Auditor approved by the Independent Regulatory Board of Auditors (IRBA) or an Accounting Officer as contemplated in the Close Corporation Act (CCA) together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.5 The purchaser 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 purchaser.

2. DEFINITIONS

- 2.1 **“All applicable taxes”** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- 2.2 **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.3 **“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;
- 2.4 **“Bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;
- 2.5 **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- 2.6 **“Comparative price”** means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration;
- 2.7 **“Consortium or joint venture”** 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;
- 2.8 **“Contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- 2.9 **“EME”** means any enterprise with annual total revenue of R5 million or less.
- 2.10 **“Firm price”** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- 2.11 **“Functionality”** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- 2.12 **“Non-firm prices”** means all prices other than “firm” prices;
- 2.13 **“Person”** includes a juristic person;
- 2.14 **“Rand value”** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- 2.15 **“Sub-contract”** means the primary contractor’s assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract;
- 2.16 **“Total revenue”** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007;
- 2.17 **“Trust”** means the arrangement through which the property of one person is made over or

bequeathed to a trustee to administer such property for the benefit of another person; and

2.18 “**Trustee**” means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

3. ADJUDICATION USING A POINT SYSTEM

3.1 The bidder obtaining the highest number of total points will be awarded the contract.

3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;.

3.3 Points scored must be rounded off to the nearest 2 decimal places.

3.4 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for B-BBEE.

3.5 However, when functionality is part of the evaluation process and two or more bids have scored equal points including equal preference points for B-BBEE, the successful bid must be the one scoring the highest score for functionality.

3.6 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

4. POINTS AWARDED FOR PRICE

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

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

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

Where

Ps = Points scored for comparative price of bid under consideration

Pt = Comparative price of bid under consideration

Pmin = Comparative price of lowest acceptable bid

5. Points awarded for B-BBEE Status Level of Contribution

5.1 In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	8	16
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

- 5.2 Bidders who qualify as EMEs in terms of the B-BBEE Act must submit a certificate issued by an Accounting Officer as contemplated in the CCA or a Verification Agency accredited by SANAS or a Registered Auditor. Registered auditors do not need to meet the prerequisite for IRBA's approval for the purpose of conducting verification and issuing EMEs with B-BBEE Status Level Certificates.
- 5.3 Bidders other than EMEs must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS.
- 5.4 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- 5.5 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.
- 5.6 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.
- 5.7 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- 5.8 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

6. BID DECLARATION

6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

7. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.3.1.2 AND 5.1

7.1 B-BBEE Status Level of Contribution: =(maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA).

8 SUB-CONTRACTING

8.1 Will any portion of the contract be sub-contracted? YES / NO (delete which is not applicable)

8.1.1 If yes, indicate:

- (i) what percentage of the contract will be subcontracted?
- (ii) the name of the sub-contractor?
- (iii) the B-BBEE status level of the sub-contractor?
- (iv) whether the sub-contractor is an EME? YES / NO (delete which is not applicable)

9 DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm

9.2 VAT registration number :

9.3 Company registration number

:

9.4 TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One person business/sole propriety
- Close corporation
- Company
- (Pty) Limited

[TICK APPLICABLE BOX]

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....
.....

9.6 COMPANY CLASSIFICATION

- Manufacturer
- Supplier
- Professional service provider

Other service providers, e.g. transporter, etc.
[TICK APPLICABLE BOX]

9.7 Total number of years the company/firm has been in business?

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we 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 paragraph 7, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- (iv) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser 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) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, 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

WITNESSES:

1.

2.

.....
SIGNATURE(S) OF BIDDER(S)

DATE:.....

ADDRESS:.....

SBD8

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

1. This Standard Bidding Document must form part of all bids invited.
2. It serves as a declaration to be used by institutions 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 disregarded if that bidder, or any of its directors have:
 - a. abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. Failed to perform on any previous contract.
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	Is the bidder or any of its directors listed on the National Treasury's database as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the <i>audi alteram partem</i> rule was applied).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	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)? To access this Register enter the National Treasury's website, www.treasury.gov.za, 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.	Yes <input type="checkbox"/>	No <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 outside of 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	Was any contract between the bidder and any 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"/>
4.4.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)..... CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS 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 Bidder

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids¹ 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).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 4 This SBD 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 (SBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² 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.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Institution)

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 consortium³ 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.

³ 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.

10. 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.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Annexure B

(GPAA)

SCM

Special Conditions of Contract

Special Conditions of Contract

General Notes

The purpose of this Special Conditions of Contract (SCC) is to:

- (i) Draw special attention to certain special conditions applicable to Bids, Contracts, Agreements and Orders of the Government Employee Pension Fund (GPAA); and
- (ii) To ensure that all bidders are familiar with the special provisions, requirements and conditions that will be applicable in the undertaking of the project and which will form part of the contract documentation and of which due cognisance must be taken in the bidding process.

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

The General Conditions of Contract (GCC) also forms part of all bidding documents and must be read in conjunction with this Special Conditions of Contract.

Whenever there is a conflict between the GCC and the SCC, the provisions in the SCC shall prevail.

1.1. Bid Submission

1.1.1. Bidders will be permitted to submit bids by:
Hand: 34 Hamilton Street, Arcadia, Pretoria

1.1.2. Closing Date: **19 July 2016**

1.1.3. Closing time: **11:00 am.**

1.1.4. Compulsory briefing session will held on **01 July 2016** at 34 Hamilton Street, Arcadia, Pretoria at **10:00 am.**

1.2. Validity of Bids

1.2.1. Bidders are required to submit bids valid for **120** days.

1.3. Two-stage Bidding

- 1.3.1. For this bid, a two-stage bidding procedure will be used, under which first un-priced technical proposals on the basis of a conceptual design or performance specifications are invited. The price proposal will only be considered after the technical proposal has been confirmed as being competent and compliant.
- 1.3.2. Suppliers are requested to submit their proposal in separate envelopes, with the technical proposal separated from the price proposal.
- 1.3.3. A minimum number of **four** (4) copies of the technical proposal are required as well as **five** (4) copies of the pricing proposal in a separate envelope.
- 1.3.4. Only suppliers who meet the minimum of **60%** on functionality will be considered for second stage of evaluation.
- 1.3.6 Government Pension Administration Agency (GPAA) reserve the right to increase or decrease the number of suppliers awarded based on decision deem fit and the workload to be carried out.

1.4. Late Bids

- 1.4.1 Bids received after the time stipulated will not be considered. Late bids will be posted back to the bidder un-opened.

1.5. Clarification or Alterations of Bids

- 1.5.1 Bidders will not be requested or permitted to alter their bids after the deadline for receipt of bids.
- 1.5.2 Requests for clarification needed to evaluate bids and the bidder's responses should be made in writing.

1.6. Administrative requirements

If a bid is not substantially responsive, that is, it contains material deviations from or reservations to the terms, conditions and specifications in the bidding documents, it will not be considered further.

- 1.6.1. It will be ascertained whether bids:
- a. Include original tax clearance certificates;
 - b. Include compulsory SBD forms that have been properly signed and completed (SBD 3.1; SBD4; SBD 6.1; SBD 8 and SBD 9);
 - c. Include a technical proposal / response;
 - d. Each price item must be completed.

(Refer to Administrative Compliance of Evaluation Criteria)

1.6.2. The bidder will not be permitted to correct or withdraw material deviations or reservations once bids have been opened.

1.6.3 GPAA reserve the right to add and remove stationery and consumables listed and not listed.

1.7. **Rejection of all Bids**

GPAA reserves the right to reject of all bids if and when deemed necessary. This is justified when there is lack of effective competition, or bids are not substantially responsive.

1.8. **Associations between Consultants**

1.8.1. Consultants are encouraged to associate with each other to complement their empowerment credentials and their respective areas of expertise, or for other reasons. Such an association may be for the long term (independent of any particular assignment) or for a specific assignment. The association may take the form of a joint venture or a sub consultancy.

1.8.2. Consultants who do form a joint venture will agree on their terms and conditions and inform the GPAA of the details of such a joint venture for approval.

1.9 **Bidder Selection**

1.9.1 The GPAA reserves the right to select the appropriate bidders based on its requirements, and the decision of the adjudication panel and the CEO of GPAA will be considered final.

1.9.2 **The bidder will be subjected to risk assessment report prior award.**

1.10 **Project team to service GPAA**

Note that if changes are made to the Project team proposed in the tender after the bid has been awarded, this has to be cleared with GPAA first.

Annexure C

(GPAA)

SCM

General Conditions of Contract

GPAA PROCUREMENT: GENERAL CONDITIONS OF CONTRACT

The purpose of this Annexure is to:

- i. Draw special attention to certain general conditions applicable to GPAA bids, contracts and orders; and
 - ii. To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with GPAA.
- In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.
 - The General Conditions of Contract will form part of all bid documents and may not be amended.
 - Special Conditions of Contract (SCC) relevant to a specific bid should be compiled separately for every bid if applicable and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

TABLE OF CLAUSES

1. Definitions
2. Application
3. General
4. Standards
5. Use of contract documents and information; inspection
6. Patent rights
7. Performance security
8. Inspections, tests and analysis
9. Packing
10. Delivery and documents
11. Insurance
12. Transportation
13. Incidental services
14. Spare parts
15. Warranty
16. Payment
17. Prices
18. Contract amendments
19. Assignment
20. Subcontracts
21. Delays in the supplier's performance
22. Penalties
23. Termination for default
24. Dumping and countervailing duties
25. Force Majeure
26. Termination for insolvency
27. Settlement of disputes
28. Limitation of liability

- 29. Governing language
- 30. Applicable law
- 31. Notices
- 32. Taxes and duties

1. DEFINITIONS

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 employee in the procurement process or in contract execution.
- 1.5. "**Countervailing duties**" are imposed in cases where an enterprise abroad is subsidized by its GPAA 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 employee written order issued for the supply of goods for 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 96 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 State Tender Bulletin. The State Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.employee.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

- 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:
 - 7.3.1. 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
 - 7.3.2. 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 is 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 Energy Board 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 OF 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. 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.
- 15.6. 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 this contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. DELAYS IN THE SUPPLIERS 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 local authorities.
- 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 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.

24. ANTI-DUMPING AND COUNTERVAILING DUTIES AND RIGHTS

24.1. When, after the date of bid, provisional payments are required, or antidumping 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.

- 27.6. Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6.

28. LIMITATION OF LIABILITY

- 28.1. 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.
- 28.2. 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, GPAA 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.