VAAL UNIVERSITY
OF TECHNOLOGY
Inspiring thought. Shaping talent.

**Supply Chain Management Department**
Finance

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# PRICING SCHEDULE

## INSTALLATION AND IMPLEMENTATION OF A NEW VIDEO MANAGEMENT SYSTEM (VMS)

**BID NUMBER: T02/2026**

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| **BID INVITATION DATE** | |
| **INVITATION DATE:** | **28 JUNE 2026** |
| **COMPULSORY INFORMATION MEETING** | |
| **MEETING DATE:** | **03 JULY 2026** |
| **MEETING TIME:** | **10:00 am** |
| **VENUE:** | **Virtual via Microsoft Teams. Link to be shared on VUT Website prior to the meeting.** |
| **SUBMISSION INFORMATION** | |
| **CLOSING DATE:** | **10 JULY 2026** |
| **CLOSING TIME:** | **14H00** |
| **ADDRESS:** | **Vaal University of Technology,<br>Andries Potgieter Boulevard, Vanderbijlpark,<br>Main Campus, E-Block,<br>Bid Box in Room No. E001** |

**PRICING SCHEDULE**

**Motivation to Implement a New (VMS) Video Management system: For a more advanced (VMS) Video Management system**

The current Cathexis video management system (VMS) in use has become increasingly outdated and financially unsustainable. As technology evolves, the limitations of the Cathexis system in terms of scalability, functionality, and long-term support have made it clear that continued reliance on this platform poses significant risks to our operational security and maintenance efficiency.

Key challenges with the existing Cathexis system include:

- **High maintenance costs** due to outdated hardware and software dependencies.
- **Limited compatibility** with newer surveillance technologies and devices.
- **Inflexible architecture** that restricts integration with modern security systems and analytics tools.
- **End-of-life concerns** and lack of innovation/support from the vendor.

In response to these challenges, that VUT needs a reliable, future-ready, and cost-effective alternative **CCTV System** a globally recognized leader in unified security solutions, offering:

- **Scalability** to grow with our needs without costly overhauls.
- **Cloud-ready architecture** for hybrid deployments and remote access.
- **Advanced video analytics and AI features** for improved threat detection and response.
- **Centralized system management** and intuitive operator interface.
- **Ongoing support and updates** under the Advantage plan.

By transitioning to more advanced CCTV System, we ensure a long-term investment in a robust, secure, and maintainable surveillance infrastructure. This move will significantly enhance operational efficiency, system reliability, and security management across all sites.

**Unit Price Amount**

| Item | Description | Type | Unit | Qty | Unit Price | Amount |
|---|---|---|---|---|---|---|
| | **SERVER** | | | | | |
| **1** | Hardware platform for CCTV System. Continuous stability and performance tests guarantee the trouble-free operation and functionality of the safety systems in combination with the latest version of the CCTV System . 3U chassis including operating system Windows 10 on SSD. The basic device must be extended by the following components: CPU, OS Optionally up to 8 HDDs and PCIe components can be configured. Please note: The parameterization of the system determines the required hardware resources. CCTV System recommends connecting a maximum of 128 cameras. HW standard components: 2x 8GB RAM, 256GB SSD, redundant power supply, 1x Ethernet, DVI-D, RAID controller, 2x display port, 16 internal input contacts, 8 internal potential-free relay outputs Required HW components: CPU Kit, max. 8 RAID hard disks Optional HW components: additional network card, 2x8GB RAM expansion, mirrored 256GB SSD, AnalogKit-H8/H16, serial interface card, radio clock receiver module For further technical information please refer to the data sheet. | **Hardware**<br>**G-ST6000+ G2** | **1** | **3** | | |
| **2** | G-ST 6000+G3<br>Client Installation - 6000 G Core Client<br>CPUKit-i7 G3 Win 11<br>RAMExtension-1x16GB/DDR5<br>WD PURPLE 14TB 3 5 SURVEILLANCE HDD Raid 5 Config | **Software**<br>**0.60620**<br>**1.02974**<br>**1.02953**<br>**1.02921**<br>**WD145PURZ** | **1** | **24** | | |
| **3** | CCTV System (64 Bit), which is developed for the requirements of high security systems. Several G-Core systems can be combined to form a system of any size. As an open platform, G-Core is open to systems and devices from other manufacturers. System setup and | **G-Core** | **1** | **2** | | |

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| | operation are simplified by separate applications for administrator and operator. Many other functions can be added via option. G-Core can be used with Windows 10, Server 2016 & 2019 operating systems. The hardware resources used limit the system performance. For further technical information please refer to the data sheet | | | | | |
| **4** | Option to connect an IP camera to a G-Core system. The maximum number of IP cameras per G-Core system is 128 and supports all CCTV System cameras as well as a large number of network cameras from other manufacturers. The ONVIF standard and RTSP protocol are supported. Every connected IP camera requires one option. | **G-Core/Cam Connect Including a 5 Year SMA PLAN** | **1** | **539** | | |
| | **G-SIM CENTRALIZATION** | | | | | |
| **5** | Hardware platform for CCTV System solutions. Continuous stability and performance tests guarantee trouble-free operation and functionality of the safety systems in combination with the latest version of the CCTV System .3U chassis including operating system Windows 10 on 256 GB SSD. The basic device must be extended by the following components: CPU, PSU, OSO optionally up to 4 HDDs and PCIe components can be configured. Please note: The parameterization of the system determines the required hardware resources. CCTV System recommends connecting a maximum of 128 cameras. HW standard components: 2x 8GB RAM, 256GB SSD, 1x Ethernet, DVI-D, 2x display port, 16 internal input contacts, 8 internal potential-free relay outputs Required HW components: CPU Kit, power supply unit (single or redundant) Optional HW components: max. 4x hard disks, additional network card, 2x8GB RAM extension, 19" installation, mirrored 256GB SSD, 4-fold graphics card, AnalogKit-H8/H16, serial interface card, radio clock receiver module For further technical information please refer to the data sheet. | **Hardware**<br>**G-ST 3000+ G2** | **1** | **1** | | |
| **6** | G-ST 3000+G3 | **Software** | **1** | **1** | | |

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| | Client Installation - 3000 G Core Client<br>Front Cover 3000+<br>CPUKit-i7 G3 Win 11<br>RAMExtension-1x16GB/DDR5<br>PSU/300W/SIN-FSP | **0.60320**<br>**1.02970**<br>**3.62676**<br>**1.02953**<br>**1.02921**<br>**1.02490** | **1**<br>**1**<br>**1**<br>**1**<br>**1** | **1**<br>**1**<br>**1**<br>**1**<br>**1** | | |
| **7** | The CCTV System G-SIM (64 Bit) software is developed for the central administration and control of complex high security systems. It includes unlimited access to CCTV System video management systems (VMS), cameras and locations via site maps, and more. Intelligent redundancy concepts enable the G-SIM server to minimize damage in the event of a VMS and camera failure. G-SIM is realized by three separate applications (consoles) for the administrator, the operator and the video walls. The software meets the legal and compliance requirements of companies. Many other functions can be added as an option. G-SIM can be used in combination with Windows 10, Windows Server 2016 & 2019 operating systems. The hardware resources used limit the performance of the system. For technical information, please refer to the data sheet | **Hardware**<br>**G-SIM** | **1** | **1** | | |
| **8** | The CCTV System effectively supports the permanent function control of CCTV System video security systems. As soon as the critical condition of the CCTV System is detected, you will immediately receive a notification. In addition, a proactive check of the system parameters is possible. G-Health Monitoring consists of G-Health Clients, which check the operating states of your CCTV System and report them in real time to a central G-Health server. For further technical information please refer to the data sheet | **G-Health** | **1** | **1** | | |
| | **REDUNDANT SERVER** | | | | | |
| **9** | Hardware platform for CCTV System solutions. Continuous stability and performance tests guarantee the trouble-free operation and functionality of the safety systems in combination with the | **Hardware**<br>**G-ST 6000+ G2** | **1** | **1** | | |

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| | latest version of the CCTV System . 3U chassis including operating system Windows 10 on SSD. The basic device must be extended by the following components: CPU, OS Optionally up to 8 HDDs and PCIe components can be configured. Please note: The parameterization of the system determines the required hardware resources. CCTV System recommends connecting a maximum of 128 cameras. HW standard components: 2x 8GB RAM, 256GB SSD, redundant power supply, 1x Ethernet, DVI-D, RAID controller, 2x display port, 16 internal input contacts, 8 internal potential-free relay outputs Required HW components: CPU Kit, max. 8 RAID hard disks Optional HW components: additional network card, 2x8GB RAM expansion, mirrored 256GB SSD, AnalogKit-H8/H16, serial interface card, radio clock receiver module For further technical information please refer to the data sheet. | | | | | |
| **10** | G-ST 6000+G3<br>Client Installation - 6000 GCore Client<br>CPUKit-i7 G3 Win 11<br>RAMExtension-1x16GB/DDR5<br>WD PURPLE 14TB 3 5 SURVEILLANCE HDD Raid 5 Config | **Software**<br>**0.60620**<br>**1.02974**<br>**1.02953**<br>**1.02921**<br>**WD145PURZ** | **1** | **3** | | |
| **11** | CCTV System (64 Bit), which is developed for the requirements of high security systems. Several G-Core systems can be combined to form a system of any size. As an open platform, G-Core is open to systems and devices from other manufacturers. System setup and operation is simplified by separate applications for administrator and operator. Many other functions can be added via option. G-Core can be used with Windows 10, Server 2016 & 2019 operating systems. The hardware resources used limit the system performance. For further technical information please refer to the data sheet. | **G-Core** | **1** | **1** | | |

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| **12** | This option activates the failover function of a G-Core camera channel. If a G-Core server fails, the camera channels for which this option is enabled are taken over by a failover server. This minimizes your downtime by restoring your system immediately | **G-SIM/Failover Cam** | **1** | **180** | | |
| | **OPTIONAL VIEWING STATION** | | | | | |
| **13** | Hardware platform for CCTV System software solutions. Continuous stability and performance tests guarantee trouble-free operation and functionality of the safety systems in combination with the latest version of the CCTV System software.3U chassis including operating system Windows 10 on 256 GB SSD. The basic device must be extended by the following components: CPU, PSU, OS Optionally up to 4 HDDs and PCIe components can be configured. Please note: The parameterization of the system determines the required hardware resources. CCTV System recommends connecting a maximum of 128 cameras. HW standard components: 2x 8GB RAM, 256GB SSD, 1x Ethernet, DVI-D, 2x display port, 16 internal input contacts, 8 internal potential-free relay outputs Required HW components: CPU Kit, power supply unit (single or redundant) Optional HW components: max. 4x hard disks, additional network card, 2x8GB RAM extension, 19" installation, mirrored 256GB SSD, 4-fold graphics card, AnalogKit-H8/H16, serial interface card, radio clock receiver module For further technical information please refer to the data sheet. | **Hardware**<br>**G-ST 3000+ G2** | **1** | **1** | | |
| **14** | G-ST 3000+G3 | **Software** | **1** | **1** | | |
| | Client Installation - 3000 G Core Client | **0.60320** | **1** | **1** | | |
| | Front Cover 3000+ | **1.02970** | **1** | **1** | | |
| | CPUKit-i7 G3 Win 11 | **3.62676** | **1** | **1** | | |
| | RAMExtension-1x16GB/DDR5 | **1.02953** | **1** | **1** | | |
| | PSU/300W/SIN-FSP | **1.02921** | **1** | **1** | | |
| | | **1.02490** | | | | |

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| **15** | 5 years warranty on the hardware | **0.60620-014705 G-ST 6000+G3 Config 014705** | **6** | **6** | | |

1. Please indicate your SUPPLIER NAME: _____

2. **TOTAL BID PRICE R_____INCL VAT**

| | | |
|---|---|---|
| **COMPANY FULL NAME/S** | **BIDDERS SIGNATURE** | **DATE** |