

| WP3:Electronic Management System for Firearms and Electronic Key Management System |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |          |      |           |
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| ITEM NO                                                                            | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | UNIT   | QUANTITY | RATE | AMOUNT    |
| 1                                                                                  | <b>GENERAL REQUIREMENTS PRELIMINARIES &amp; GENERAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |          |      |           |
|                                                                                    | Preliminary and Generals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |          |      |           |
| 1.1                                                                                | Setup,installation,Commissioning and Go-Live Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No     | 1        |      |           |
| 1.2                                                                                | Full compliance with OHS requirement and legislation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Months | 3        |      |           |
|                                                                                    | Health & Safety Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |          |      |           |
| 1.3                                                                                | Allowance to be made under this clause for compliance with all requirements of the Occupational Health and Safety Act and Regulations.<br>The contractor shall allow for Health and Safety according to the Occupational Health and Safety Act, 1993, Construction Regulations 2014 as per Government Notice. Contractor to include all OHS requirements such as PPE, Health and Safety File, training, medicals, signage and part-time Health and Safety Officer.                                                                                                                                                                                                                                                                                                                                 | Months | 3        |      |           |
|                                                                                    | Maintenance and Technical Support (24 Months)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |          |      |           |
| 1.4                                                                                | The service provide / bidder to provide ongoing maintenance and technical support for a duration of thirty six (36) months, including user training, documentation, warranty, fault resolution, system updates, troubleshooting, and user assistance, to ensure uninterrupted technical support and operation of the installed solution.                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No     | 1        |      |           |
|                                                                                    | <b>Protection of Existing Works</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |          |      |           |
|                                                                                    | Allow for the protection of all existing structures, finishes, fittings, and installations that may be affected by the execution of the works, including but not limited to walls, ceilings, floors, doors, windows, roofing,furniture, fixtures, services, and all adjacent completed work liable to damage during construction activities, alterations, demolition, rubble removal, repairs, installations, and upgrade works.                                                                                                                                                                                                                                                                                                                                                                   |        |          |      |           |
|                                                                                    | The Contractor shall provide and maintain all necessary protective measures throughout the duration of the contract to prevent damage, staining, contamination, vibration-related defects, water ingress, or any other deterioration resulting from the execution of the works.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |          |      |           |
| 1.5                                                                                | Any existing work damaged as a result of the Contractor's operations shall be repaired, replaced, or reinstated at the Contractor's expense using new materials of the same or superior quality, finish, colour, texture, and performance characteristics to match the existing adjoining work. All making-good work shall be completed to the satisfaction and approval of the Project Manager.                                                                                                                                                                                                                                                                                                                                                                                                   | No     | 1        |      |           |
|                                                                                    | Prior to commencement of any work, the Contractor shall inspect the site and verify the extent and condition of all existing elements. The scope of work, site conditions, dimensions, and quantities shall be confirmed on site before construction commences. No claim arising from failure to verify site conditions, measurements, or quantities will be entertained after commencement of the works. Any discrepancies identified between the contract documentation and actual site conditions shall be brought to the attention of the Project Manager for clarification before proceeding with the affected work.                                                                                                                                                                          |        |          |      |           |
| 2                                                                                  | <b>FIREARM MANAGEMENT SYSTEM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |          |      |           |
|                                                                                    | <b>Electronic Smart Gun Locker</b><br>Supply and install an electronic firearm management locker with individual weapon compartments, Radio Frequency Identification (RFID) -enabled tracking, biometric access control, audit trail functionality, real-time monitoring, and integration with the Firearm Management System. The locker shall record all firearm withdrawals and returns and provide automated inventory reconciliation.                                                                                                                                                                                                                                                                                                                                                          |        |          |      |           |
| 2.1                                                                                | <b>Smart Ammunition Storage Locker</b><br>Supply and install an intelligent ammunition storage system equipped with RFID or barcode tracking, electronic locking mechanisms, user authentication, transaction logging, stock monitoring, and integration with the Firearm Management System for real-time inventory management.<br><br>•Sixteen (16) x Handguns<br>•Two (02) x Shot Guns<br><b>Note:</b><br>•Comprehensive Details of the Guns will be provided to the successful Bidder upon signing of the contract.                                                                                                                                                                                                                                                                             | No     | 1        |      |           |
|                                                                                    | Ammunition Store Doors (Security Rated)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |          |      |           |
| 2.2                                                                                | Supply, install, test, and commission a heavy-duty ammunition storage door, manufactured from reinforced steel construction with high-security locking mechanisms, fire-resistant and blast-resistant properties, complete with frame, hardware, seals, and all accessories required for a fully operational installation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No     | 0        |      | Rate only |
| 2.3                                                                                | Lithium Battery 12V7AH LifePo4 or similar approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | No     | 1        |      |           |
| 2.4                                                                                | Fire Suppression System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No     | 1        |      |           |
| 2.5                                                                                | Biometric Access Control Readers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No     | 2        |      |           |
|                                                                                    | <b>Firearm Management Software Platform (License) with a minimum of 5 systems per year comprising of the following items:</b><br>Firearm Registry Database Module<br>Weapon Tracking and Inventory Management Module<br>Firearm Issuing and Return Management Module<br>Personnel and Authorization Management Module<br>Electronic Audit Trail and Reporting Module<br>Dashboard and Business Intelligence Reporting<br>Mobile Inspection Application for at least 2 users<br>Integration with Existing Security Systems and Building Management System<br>Development and Third-Party Integration Services<br>Database Server and Central Application Server<br>Network Attached Storage (NAS)<br>Firewall Appliance<br>Managed Network Switches x 2<br>Barcode Printers<br>(Lifetime licensing) | No     | 1        |      |           |

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|                                               | Workstations for Armoury Personnel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |     |  |  |
|                                               | Supply, deliver, install, configure, and commission desktop computer workstations for armoury personnel to facilitate the operation of the Firearm Management System.The workstations shall support all Firearm Management System functions, including firearm registration, ammunition inventory management, issuance and return processing, RFID and barcode scanning, report generation, audit trail reviews, and real-time monitoring. The contractor shall configure all hardware and software, connect the workstations to the network infrastructure, and ensure full integration with the Firearm Management System. Installation shall include testing, commissioning, and user setup.                                                                                                                                                                                                                                                                                                                                                                                                                       |        |     |  |  |
| 2.7                                           | Specifications: Intel Core i7 (or equivalent) processor, Minimum 16 GB RAM<br>Minimum 512 GB SSD storage, 22" LED monitor, Keyboard and mouse<br>Gigabit network connectivity, Windows 11 Professional (or latest approved operating system), Antivirus and endpoint protection software for a period of five (5) years, USB ports for RFID readers, barcode scanners, and biometric devices, Microsoft Office or equivalent productivity suite,<br>Three-year manufacturer warranty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No     | 1   |  |  |
| 3                                             | <b>ELECTRONIC KEY MANAGEMENT SYSTEM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |     |  |  |
| 3.1                                           | Supply, install, test and commission Electronic Key Cabinet, to accommodate a minimum of 290-key slots capacity, on four floors , Radio Frequency Identification (RFID) -enabled key management, biometric access control, audit trail, reporting module, network connectivity, software licence, training, commissioning, and 36 -month maintenance and support<br><br>The cabinet shall utilize intelligent Radio Frequency Identification (RFID) key tagging technology and provide controlled access through biometric, PIN, and proximity card authentication. The system shall maintain a complete electronic audit trail of all key transactions, including key removals, returns, user details, and transaction timestamps. The solution shall support standalone operation and network connectivity for centralized administration, monitoring, reporting, and integration with existing security, access control, CCTV, and Building Management Systems.                                                                                                                                                    | No     | 4   |  |  |
| 3.2                                           | Supply, deliver, install, configure, test, and commission Electronic Key Cabinet, to accommodate a minimum of 32-key slots capacity, on two floors of the facility. The cabinet shall provide secure electronic key management and controlled access for operational, armoury, plant, vehicle, office, and restricted-area keys. The system shall support intelligent RFID key identification, Biometric reader, role-based access control, electronic audit trails, and real-time key tracking. The cabinet shall be network-enabled and capable of integration with Access Control System, and Security Management Platform. The key cabinets must provides secure, scalable key management with centralized                                                                                                                                                                                                                                                                                                                                                                                                        | No     | 2   |  |  |
| 3.3                                           | Biometric reader                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No     | 7   |  |  |
| 3.4                                           | Lithium Battery backup 12V7AH LifePo4 or similar approved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No     | 7   |  |  |
| 3.5                                           | Intelligent Electronic Key fobs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No     | 290 |  |  |
| 3.6                                           | Security Seals and Nylon Sleeves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No     | 350 |  |  |
| 3.7                                           | Key Management software, networking components, battery backup, installation, commissioning Software per floor with a minimum of 50 systems per year (Lifetime licensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No     | 7   |  |  |
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |     |  |  |
| 3.8                                           | <b>DELIVERY AND INSTALLATION</b><br>The bidder shall ensure that all personnel assigned to the project provide valid identification documents as required by GPW's Protocol and security procedures.<br><br>All vehicles granted access to site shall be roadworthy and compliant with applicable road traffic regulations. Drivers must hold valid driving licence and any required permits at all times.<br><br>The equipment will be delivered to and assembled within a six-storey building that is occupied by GPW staff.<br><br>The Client cannot guarantee the availability of a goods Lift / elevator at the time of delivery and installation. The bidder shall make the necessary arrangements for the transportation of equipment to the designated areas.<br><br>Utmost care must be exercised during the handling and movement of all items as Any damage caused during delivery, installation or assemble shall be the sole responsibility of the bidder.<br><br>The bidder shall be responsible for all cleaning, removal of packaging and debris, and making good any affected areas upon completion. | Item   | 1   |  |  |
|                                               | <b>Sub total 1 (Excluding VAT)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Amount |     |  |  |
|                                               | Allow contingency amount to Sub Total 1 (Calculated at 5% )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |     |  |  |
|                                               | <b>Sub Total 2 (Sub Total 1 + Contingency amount)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |     |  |  |
|                                               | Add Value Added Tax (VAT) to Sub Total 2 (Calculated at 15%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |     |  |  |
| TOTAL CARRIED TO FORM OF OFFER AND ACCEPTANCE |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |     |  |  |