

Zimbabwe Private Limited

Head Office

28 Transtobac Complex Hillside Road
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Site Office

11 Sinamatela Road, Hwange
Tel: +263 788 650 131/2/3
Email: info@zambezigas.co.zw

27 January 2025

ZAMBEZI GAS AND COAL MINE: REQUESTS FOR QUOTATION

Scope: Camera Security System

Introduction

Zambezi Gas and Coal Mine based in Hwange, hereinafter referred to as "the Mine", requests quotations from qualified and experienced contractors to design, supply, install, test, and commission a comprehensive camera security system.

Background

The mine requires a reliable and efficient camera security system to enhance safety, security, and operational efficiency. The system should provide real-time monitoring, surveillance, and alerting capabilities to prevent and respond to security incidents. It should also allow video recording and playback

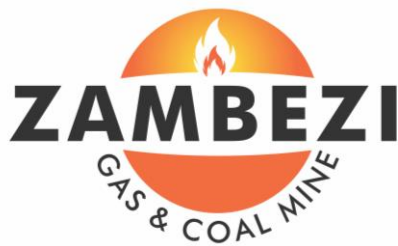
Scope of Work

The scope of work includes, but is not limited to:

1. **Design and Planning:** Conduct site surveys, assess existing infrastructure, and design a comprehensive camera security system that meets the Mine's requirements.
2. **Supply of Equipment:** Provide all necessary equipment, including cameras, network video recorders (NVRs), monitors, and accessories. The key areas are:
 - Mine Workshop and storeroom
 - Weighbridge
 - Diesel tank and Diesel Filling area
 - Main boom gate (Needs Solar Power)
 - Second Boom gate
 - Coke Production site

Suppliers are free to visit and inspect the mine by appointment: mmushayavanhu@zambezigas.co.zw.
Note that the distance between the camera sites above and the main building ranges from 50m to 3km

3. **Installation and Testing:** Install, test, and commission the camera security system, ensuring it meets Mine's requirements and industry standards.
4. **Training and Documentation:** Provide comprehensive training to Mine personnel on the operation and maintenance of the camera security system, including user manuals and documentation.
5. **Warranty and Maintenance:** Provide a minimum 2-year warranty and maintenance support for the camera security system.



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Technical Requirements

The security camera system should meet the following technical requirements:

1. **Camera Specifications:** IP66-rated cameras with minimum 1080p resolution, 30fps, and night vision capabilities.
2. **NVR Specifications:** NVRs with high channel capacity, 4TB storage, and redundant power supply.
3. **Network Infrastructure:** The system can be designed to operate on Mine's existing network infrastructure. However, alternative configurations are welcome.
4. **Power Supply:** The system can be designed to operate on Mine's existing power supply infrastructure. Solar would be needed for the boom gates and coke production area
5. **Environmental Conditions:** The system should be designed to operate in harsh mining environments, including extreme temperatures, dust, and humidity.

Safety Requirements

The contractor shall ensure that the security camera system is designed, installed, and tested in accordance with the Mine's safety policies and procedures, including:

1. **Electrical Safety:** The system shall comply with the Mine's electrical safety standards and regulations.
2. **Explosion-Proof:** The system shall be designed and installed to prevent explosions in hazardous areas.

Evaluation Criteria

Tenders will be evaluated based on the following criteria:

1. Technical Compliance
2. Price
3. Experience and Qualifications

The quotation can be submitted to mmushayavanhu@zambezigas.co.zw on or before 31 January 2025