Hiring Senior Transmission Engineer – Head End Systems

Role Description
This is a full-time on-site role for a Senior Transmission Engineer – Head End Systems, located in Dar es Salaam, Tanzania. The role involves designing, maintaining, and optimising head-end transmission systems, ensuring seamless operation of satellite broadcasting services. Additional tasks include supervising the installation and testing of transmission equipment, collaborating with cross-functional teams for system enhancements, troubleshooting technical issues, and ensuring compliance with industry standards and safety protocols.
If you have strong expertise in satellite transmission, RF systems, compression technologies, and robust IT/networking capabilities, this role is for you.

Key Responsibilities:
- Diagnose and resolve faults across DTH/DTT Headend systems and Satellite/Terrestrial uplink chains
- Support encoding, multiplexing, satellite uplink, reception, and distribution systems
- Manage end-to-end IP Multicast video transport and headend network infrastructure
- Oversee the complete RF network, including TVROs, satellite & terrestrial uplink systems
- Manage platform services, NOC operations, and monitoring systems
- Maintain high service availability during live broadcasts with structured troubleshooting
- Ensure seamless integration between broadcast systems and IT network infrastructure

Qualifications

- 5+ years of experience in Headend and Video Compression systems, including satellite communication
- Strong experience in DTH/DTT Headend platforms and compression systems
- Advanced knowledge of MPEG-2, MPEG-4, HEVC compression standards
- Strong IT and Networking background (enterprise-level understanding preferred)
- Hands-on experience in Cisco networking environments
- Expertise in IP routing, switching, multicast configuration (IGMP, PIM), VLANs and fibre networks
- Familiarity with broadcast IP routing and video distribution architectures

Strong knowledge of:
- Encoding, Multiplexing, Transcoding, Transport Stream preparation
- RF uplink chain, Modulators, HPAs, Satellite antennas

- STBs, Middleware, DVB standards
- CAS systems, OTT platforms, Streaming & IP video distribution
- Windows & Linux system administration experience
- Strong fault-finding methodology and structured troubleshooting skills
- Calm and decisive approach during live incidents
- Bachelor's degree in Electrical Engineering, Telecommunications, or a related discipline

This is an excellent opportunity to work in a fast-paced broadcast environment supporting one of East Africa's leading pay-TV platforms.

Interested candidates can apply or send their CV to **recruitment@azam-media.com**

Application Closing Date: 6th March 2026