To whom it may concern

Herewith is the specification for the delivery of the following goods/services as listed/stated below:

Scope of work

Supply and deliver at Sentech

Scope of works

Specification for: 1X A*SI/SDI/IP Transport Stream Analyser*

 1X ASI/SDI/IP Transport Stream Analyser --
Standards compliant, portable, transport
stream analyser

ASI/SDI/IP Transport Stream Analyser Standards Compliant, Portable, Transport Stream Analyser to enhance the NOC capability to monitor, analyse, and maintain the integrity of digital transport streams across ASI and IP interfaces, fulfilling the following • Provide real-time analysis of ASI, IP, and SDI streams with TR 101 290 compliance • Support field deployment with PC/laptop-hosted or standalone autonomy• Integrate seamlessly with the NMS via SNMP/REST API for remote alarms and automation• Support all video and audio codecs and formats that are supported by the MPEG transport steam and SDI standards. Mandatory • ETSI TR 101 290 Priority 1-3 Error detection; DVB MPEG-TS support.
• ASI input/output (EN 50083-9); IP TS via Ethernet; SDI optional.
• USB Powered for portability; <1kg in weight; PC/Laptop hosting. No external PSU • Compatible with Windows 10/11; Linux 2.6.18 or later.
• PCR/PTS/DTS/jitter monitoring; PID/bitrate tracking.
• PCR Graphs, PCR Accuracy, PCR Interval, PCR Frequency offset.
• Video and Audio decoding.
• Up to 214 Mbps (half-duplex) ASI TS Bitrate Bandwidth
• 1Gbps IP TS Bandwidth
• Capture Transport Streams to file; loop playback with analysis

Mandatory Criteria

- *ETSI TR 101 290 Priority 1-3 Error detection; DVB MPEG-TS support.*
- *ASI input/output (EN 50083-9); IP TS via Ethernet; SDI optional.*
- *USB Powered for portability; <1kg in weight; PC/Laptop hosting. No external PSU*
- *Compatible with Windows 10/11; Linux 2.6.18 or later.*
- *PCR/PTS/DTS/jitter monitoring; PID/bitrate tracking.*
- *PCR Graphs, PCR Accuracy, PCR Interval, PCR Frequency offset.*
- *Video and Audio decoding.*
- *Up to 214 Mbps (half-duplex) ASI TS Bitrate Bandwidth*
- *1Gbps IP TS Bandwidth*
- *Capture Transport Streams to file; loop playback with analysis.*

Address

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Regards

Masilakhe Dyonki