



## ZIMBABWE ELECTRICITY TRANSMISSION & DISTRIBUTION COMPANY

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OUR REF:..... FN/ec .....

YOUR REF .....

WHEN CALLING WITH REFERENCE  
TO THIS LETTER PLEASE ASK FOR

..... F. Nyamakambo.....

22 November 2023

### To All Bidders

Dear Sir/Madam

### **ADDENDUM NO. 1 TO TENDER NO. ZETDC/DOM/32/2023 FOR THE SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF CCTV IN HARARE REGION.**

The above subject matter refers.

Please find attached **Addendum No. 1** to the Standard Bidding Document (SBD) for Tender No. ZETDC/DOM/32/2023 for the Supply, Delivery, Installation and Commissioning of CCTV in Harare Region.

The Technical Guarantee Schedule under clause 2.3.13 on page 22 of 31 to 25 of 31 in the SBD has been replaced by the one under **Addendum No. 1 to the SBD (attached)**.

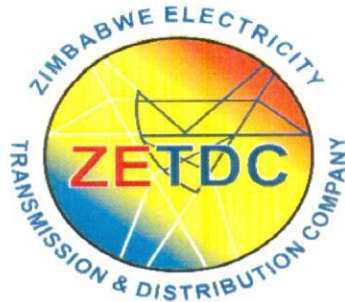
Also note that the following specifications have been amended: (the other specification details remain the same)

- Clause 2.3.7 "Cameras" Day and Night 4mp IP Cameras with infrared light on page 19 of 31 in the SBD has been amended to read Day and Night 4mp IP Cameras with full colour.
- Clause 2.3.9 "Power Back-Up":
  - 2 x 200AH Lead Acid Batteries on page 19 of 31 in the SBD has been amended to read 2 x 100AH 24V Lithium Batteries.
  - Clause 2.3.9 "All in-one Desktop" on page 19 of 31 in the SBD has been amended to include 27 inch display.
- 55 inch of reputable brand on clause 2.3.10 "TV Monitors" on page 20 of 31 in the SBD has been amended to read 42 inch reputable brand.

Yours faithfully

**F. NYAMAKAMBO**  
**SUPPLY CHAIN MANAGER**

# ZIMBABWE ELECTRICITY TRANSMISSION & DISTRIBUTION COMPANY



## ADDENDUM NO. 1

**TO STANDARD BIDDING DOCUMENT (SBD) FOR  
TENDER NO. ZETDC/DOM/32/2023**

**FOR THE SUPPLY, DELIVERY, INSTALLATION AND  
COMMISSIONING OF CCTV IN HARARE REGION.**



2.3.13 Technical Guarantee Schedule

Please complete this schedule by stating the actual tendered specification and sign as indicated. [Include specification manuals]

Name of Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_


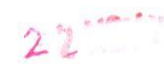

Type: \_\_\_\_\_

Data about offered equipment shall be filled in by the bidder in the table below which must be duly signed and dated. The following compliance schedule must be completed and supported by technical spec/data sheets/brochures from manufacturer. Please indicate in the last column where proof of compliance can be located from the manufacturer’s spec sheet. Failure to attach the necessary proof will result in automatic disqualification.

PARTICULARS	REQUIREMENTS	Units	Requirement	Guaranteed value	Reference page in technical brochure (e.g. Found on page 3, section 3.2 paragraph/line etc.)
<b><u>32 CHANNEL</u></b> <b><u>NVR SYSTEM</u></b>					
Main Processor	At least core i5 processor, 16GB RAM,2 X Video output ports				
Operating System	Windows 10-Pro-64bit				
Capacity	At least 8 TB HDD with upgradable storage				



Warranty	At least two years on all components				
<b><u>DISPLAY</u></b>					
Interface	1 HDMI, 1 VGA				
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768				
Multi- screen Display	4CH: ¼				
	8CH: 1/4/8/9				
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording				
<b><u>Playback and Backup</u></b>					
Playback	4CH: ¼				
	8CH: 1/4/8				
Search Mode	Time /Date, MD and Exact Search				
	(accurate to second), Smart search				
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play,				
	Next File, Previous File, Next Camera,				

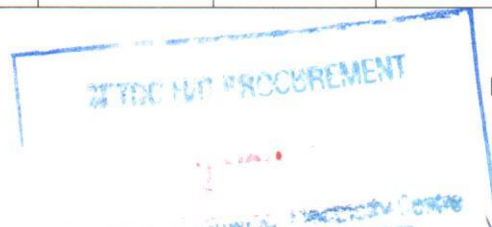
	Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom				
Backup Mode	USB Device/Network				
<b><u>Storage</u></b>					
Internal HDD	8 TB HDD				
HDD Mode	Single				
<b><u>Auxiliary Interface</u></b>					
USB	2 USB Ports (2 USB3.0), One wireless mouse				
Audio and Video	2 x Video output ports,				
IP Camera Input	4/8 Channel				
Two-way Talk	1 Channel Input, 1 Channel Output, RCA				
<b><u>Cameras</u></b>	<ul style="list-style-type: none"> <li>• Day and Night 4mp IP Cameras with full colour</li> <li>• Max 80Mbps Incoming Bandwidth</li> <li>• Up to 8MP Resolution for</li> </ul>				



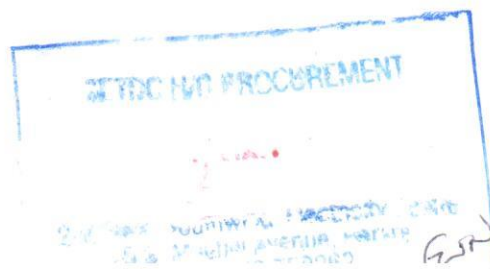
	<p>Preview and Playback</p> <ul style="list-style-type: none"> <li>• HDMI/VGA simultaneous video output</li> <li>• Support IPC UPnP, 4PoE ports</li> <li>• Support ANR technology to enhance the storage reliability when the network breaks down</li> </ul>				
<b><u>Switch</u></b>	Up to 32 port PoE				
<b><u>Power Back-UP</u></b>	<ul style="list-style-type: none"> <li>• 2X100AH 24V Lithium Batteries</li> <li>• 1x 1kW charger/inverter</li> </ul> <p>NB: Notwithstanding this list, the power back-up must last at least 24Hrs in the absence of grid power.</p>				
<b><u>All in-one Desktop</u></b>	<ul style="list-style-type: none"> <li>• All in one Desktop Non-Touch</li> <li>• Core i7 12<sup>th</sup> Generation</li> <li>• 27 inch display</li> <li>• 1 TB HDD</li> <li>• 8GB RAM</li> </ul>				



	<ul style="list-style-type: none"> <li>• Windows 11 professional 64 bit OS (Pre-installed &amp; activated) with COA label</li> <li>• Usb keyboard</li> <li>• Usb mouse</li> <li>• Web camera</li> <li>• In built wireless</li> <li>• Ethernet port</li> <li>• Usb 3.0 ports</li> <li>• HDMI port</li> <li>• One year warranty</li> </ul>				
<b><u>TV Monitors</u></b>	<ul style="list-style-type: none"> <li>• 42 inch reputable brand</li> </ul>				
<p>****</p> <p><b><u>ADDITIONAL NVR Technical specifications FOR LOTS C and D</u></b></p>	<ul style="list-style-type: none"> <li>• The Video Management System (VMS) should support the following;</li> <li>• Ip Explosion proof casing</li> <li>• The VMS should support both Onvifs and native camera interfaces</li> <li>• While supportive of all ONVIF cameras, it is a requirement the VMS must also have native SDK</li> </ul>				



	<p>based driver support for the following brands; Axis, TruVision, Pelco, Mobotix, Milesight, Flir, Dahua, HikVision</p> <ul style="list-style-type: none"> <li>• The VMS should support multi-head IP cameras.</li> <li>• The VMS should support Different 3rd Party Video encoders.</li> <li>• The VMS should support MJPEG,H.264,H.265 and MxPEG camera protocols.</li> <li>• The VMS to camera interface should be UPnP (universal plug and play), if the camera supports this</li> <li>• The VMS should support both variable and fixed bitrate video streams.</li> </ul>			
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	<ul style="list-style-type: none"> <li>• The VMS should support multiple video streams and video resolutions, limited only by the integrated cameras themselves</li> <li>• The VMS should support 360 and 180-degree cameras, and have built-in software, which can Dewarp such cameras2342345</li> <li>• The VMS should support PTZ cameras</li> <li>• The VMS should have the ability to program PTZ camera Pre-set positions and assign unique names to each Pre-set position</li> <li>• The VMS should support area-zoom functions on selected cameras, enabling the</li> </ul>				
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	<p>camera to pan and zoom to an area</p> <ul style="list-style-type: none"> <li>The NVR should come with all required licenses.</li> </ul>				
<b>Network</b>					
Interface	10/100Mbps & 100/1000Mbps RJ 45 Ports				
Ethernet Port	2 Independent 100Mbps Ethernet Port				
PoE	32 ports (IEEE802.3at/af) (4Mbps is recommended per channel)				
BOQ	Comply to quantities specified				
Backup power	To last at least 24hrs in the absence of grid power				
Packing	The packing should be able to withstand rough handling during the transit of material at various destinations. The CCTV shall be suitably and properly packed in polythene bags. Any other mode of packing superior to the above as per the manufacturer's standard practice may also be agreed				



	to. Outdoor components must be weatherproof to harsh environmental conditions				
Training	Supplier to provide training on the use of the system				

Tenderer's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

