



**Kenya Bureau of
Standards**

Standards for quality life

KEBS/T014/2019/2020

TO: ALL INTERESTED BIDDERS

**REF: ADDENDUM NO. 1 - KEBS/T014/2019/2020: PROVISION OF SECURITY
SURVEILLANCE SYSTEM (CCTV)**

The Kenya Bureau of standards wishes to provide the following clarifications:

QUESTION 1.

After conducting site survey yesterday we noted the following items are missing in the BOM and would like to have clarifications on same.

- a) No conduits or trucking indicated in BQ. At some point we will require to use them especially for outdoor cameras.

Response

The Items No. 33 and Item No 34 of the BQ: Allow for Installation Accessories and Allow for any other equipment necessary to complete your proposed system where necessary. *Below please find the Bill of Quantities*

- b) There are less switches in bq than estimated in relation to buildings distribution ,camera locations and distances between the cameras and the switch. This concern is because we cannot exceed the recommended length of the UTP cable which is 90Mtrs.

Response

The BQ provides 12No. switches i.e. Items No. 18 and Item No. 19 provides 6No. Cisco 24 Port POE switch with SFP Modules or Equivalent and 6No. Cisco 24 Port POE switch with SFP Modules or Equivalent respectively. *Below please find the Bill of Quantities*

- c) There are no poles where gate cameras are involved in the bq. All cameras in this location will be mounted on poles.

Response

The Items No. 33 and Item No 34 of the BQ: Allow for Installation Accessories and Allow for any other equipment necessary to complete your proposed system where necessary. *Below please find the Bill of Quantities.*

- d) No provision for civil works where necessary and there are points that require this provision.

Response

The Items No. 32: Allow for Civil Works Lumpsum. *Below please find the Bill of Quantities*

Summary Bill of Quantities

No	Item	Total Quantity
1	3MP indoor Dome camera	33
2	3MP indoor Dome (corridor mode)	12
3	3MP indoor Smart IR Dome camera	1
4	3MP indoor bullet(corridor	24
5	5MP Outdoor Bullet camera	7
6	3MP Outdoor IR dome Environmental (analytics)	3
7	3MP Outdoor Bullet camera 50m	3
8	3MP Outdoor Bullet camera 80m	4
9	3MP Outdoor Bullet camera	22
10	3MP 2.8mm Indoor Bullet Camera	2
11	8MP 2.8mm Outdoor Bullet camera	5
12	360 Degrees 8MP PTZ Camera	2
13	ANPR series Camera	2
13	3MP Outdoor IR Bullet Camera (Environmental)	2
14	Software license for cameras (one –off)	121
15	NVR 128Channel (Network Video Recorder) with 16 slots of SATA each 4TB storage capacity. (The vendor should be able to manage the NVR into remote storage/server)	1
16	Work station as per the Specs	2
17	18U CABINET	8
18	Cisco 24 Port POE switch with SFP Modules or Equivalent	6
19	Cisco 16 Port POE switch with SFP Modules or Equivalent	6
20	24 port patch panel	6
21	Cable manager	60
22	UPS 3Kva	8

23	<i>CAT6 Patch chords</i>	10
24	<i>RJ45 connectors inputs</i>	4Pkts
25	<i>CAT6 Pure Copper cables in Metres</i>	12343M
26	<i>8core Armoured Fibre optical Cable</i>	1000M
27	<i>SFP Multimode Modules</i>	16
28	<i>55 inch LED Industrial TV Screen</i>	4
29	CCTV Video Management Software	1
30	Server Storage	1
31	Video Management System Recorder Server	1
32	Allow for Civil Works Lumpsum	Lot
33	<i>Allow for Installation Accessories</i>	Lot
34	<i>Allow for any other equipment necessary to complete your proposed system where necessary</i>	Lot

QUESTION 2.

Following the site survey that took place yesterday and from the tender document technical specifications, kindly clarify on below issues;

- a) Page 27 of 50: Specifications for 3MP Vandal Bullet cameras request for a bullet camera with 4 lens and 360 degrees field of view.
Kindly clarify because ideally this is not practical.

Response

360 degrees Field of View is equal to Angle of View of 139.1°

- b) Page 28 of 50: Specifications for 5MP Vandal Bullet cameras request for a bullet camera with 4 lens and 360 degrees field of view.
Kindly clarify because ideally this is not practical.

Response

360 degrees Field of View is equal to Angle of View of 31.2°-136.9°

- c) Please clarify the difference between item on Page 34 of 50, **1.2 Network Video Recorder (NVR)** and item on page 39 of 50, **1.7 VIDEO MANAGEMENT SYSTEM RECORDING SERVER**.
Are we supposed to quote for 2 different recorders?

Response

Due to business continuity purpose both (Hybrid Network Video Recorder (NVR) and Video Management System Recording Server) are supposed to be implemented as per the specifications.

- d) Kindly clarify if we have Network Cabinet Rooms/Areas in each of the buildings within the compound and if all the buildings are linked with fiber.
This was not clarified during site survey.

Response

The BQ provides 8No. Network Cabinet 18U i.e. Items No.17.

The BQ provides 8core Armoured Fibre optical Cable i.e. Items No.26.

- e) Due to the scope of this tender, we request for extension of the submission deadline by at least 7 days.

Response

The Tender Opening date has been extended to Friday 14th March 2020: 10:00 AM East African Time.

NOTE THIS ADDENDUM SHALL BE CONSTRUED TO FORM PART OF THE TENDER DOCUMENT

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME

MANAGING DIRECTOR