



# KENYA REVENUE AUTHORITY

ISO 9001:2015 CERTIFIED

PUBLIC

27<sup>th</sup> February 2025

## CLARIFICATION NO 2

### RFB REF:KE-KRA-469929-GO-RFB FOR SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING AND MAINTENANCE OF BODY WORN CAMERAS AND RELATED SYSTEM

#### CLARIFICATION TO THE REQUEST FOR BIDS

Reference is made to the tender mentioned above. Bidders' attention is drawn to the Instructions to Bidders clause no. 7.1 on clarification of bids in the bidding document.

Kenya Revenue Authority wishes to inform prospective bidders of the following clarification:

| S/No | Tender No.                             | Page No. | Clause No.                                                 | Minimum Requirements                                                                                                                                                                                                                                                                                                                                                                         | Clarification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Customer Reply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------|----------------------------------------|----------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Section VII – Schedule of Requirements | 97       | Table 6<br>DATA DOCKING<br>STATION:QUANTITY<br>TWENTY (20) | Should have integrated docking system<br>Integrated Docking station with:<br>12th Generation Intel® Core™ i5-12600 vPro®<br>18MB cache,<br>6 cores (6P+0E),<br>3.3GHz to 4.8GHz, 65W,<br>graphics card with 4 hdmi display ports,<br>4TB SATA Hard disk storage<br>licensed windows 10 Pro 64 bit/linux- CentOS operating system<br>16 GB Ram<br>24 inch LED monitor.<br>Three year warranty | Can we use Linux or Android system instead of windows 10 Pro 64 bit/linux- CentOS operating system, which is more stable and reliable?<br><br>Can we use 32TB being Up to 4 disks (Max. 8 TB for each disk) and default 2 TB instead of 4TB SATA Hard disk storage , which provides more storage space<br><br>Can we use Additional features if Unlock by face, fingerprint, card and PIN for the Docking system for additional security.<br><br>Can we use Built-in 13,3 inch touch screen for easy configuration and operation in addition or instead of the 24 inch LED monitor | For easy of system integration with the existing Authority's systems, licensed windows 10 Pro 64 bit/linux- CentOS operating system is required.<br><br>4TB storage is our Minimum requirements. Bidders may choose to propose a bigger capacity.<br><br>Bidders may choose to propose a system with additional features, as long as the minimum requirement are fully met.<br><br>24 Inch LED screen is our Minimum requirements. Bidders may choose to propose a bigger screen but not less than the minimum requirements. |

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| S/No | Tender No.                             | Page No. | Clause No.                                                              | Minimum Requirements                                                                                    | Clarification                                                                                                            | Customer Reply                                                                                                                                                               |
|------|----------------------------------------|----------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.   | Section VII – Schedule of Requirements | 97       | Table 7<br>DATA COLLECTION DEVICE FOR DATA DOCKING STATION: QUANTITY 60 |                                                                                                         |                                                                                                                          |                                                                                                                                                                              |
| 3.   | Section VII – Schedule of Requirements | 97       | Networking                                                              | Throughput Up to 300 Mbps per camera, 1 Gbps total                                                      | Can we delete this since with new Technology this requirement is substituted to on request to manage the bandwidth       | This is KRA's minimum requirement and cannot be deleted as proposed                                                                                                          |
| 4.   | Section VII – Schedule of Requirements | 98       | System                                                                  | Power Input 12 V DC                                                                                     | To functionally power the Docking Station to 100 V AC ~ 240 V AC, max. 420 W                                             | The clarification sought is not clear, however, the 12V DC voltage remains as the KRA's Minimum requirement for system input power.                                          |
| 5.   | Section VII – Schedule of Requirements | 98       | System                                                                  | Charging Port 6 Slot or more for charging the device                                                    | Can we also provide the capacity of Default 8 and maximum 32 Slots for charging the device which is more than 6 Port     | A charging system with 6 slot is KRA's Minimum requirements. Bidders may choose to propose a system with more slots.                                                         |
| 6.   | Section VII – Schedule of Requirements | 98       | System                                                                  | Visual Indicator Bi-colour status LED Charging status available on camera OLED                          | Can we also provide this function to Bi-colour status LED Charging status available on both dock station and camera OLED | Visual Indicator Bi-colour status LED Charging status available on camera OLED is KRA Minimum requirements. Bidders may choose to propose a system with additional features. |
| 7.   | Section VII – Schedule of Requirements | 98       | Software                                                                | Features Auto-camera detection Auto switching to Gigabit Ethernet link Secure and encrypted data access | Due to change in technology this feature is superseded , can we delete it from the requirements                          | This is KRA's minimum requirement and cannot be deleted as proposed.                                                                                                         |
| 8.   | Section VII – Schedule of Requirements | 98       | Others                                                                  | Temperature 0C to 40C (32F to 104 F)                                                                    | Can we also accommodate Temperature -10 °C to 55 °C (14 °F to 131 °F) thick provides for additional variance?            | Temperature range of 0 C to 40 C (32F to 104 F) is KRA's minimum requirements. Bidders may choose to propose a system with a wider range.                                    |
| 9.   | Section VII – Schedule of Requirements | 98       | Accessories                                                             | 12 V DC AC/DC external power adapter                                                                    | Due to change in technology this feature is superseded , can we delete it from the requirements                          | This is KRA's minimum requirement and cannot be deleted as proposed.                                                                                                         |

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| S/No | Tender No.                             | Page No. | Clause No.                                               | Minimum Requirements                                                                                                                                                                                | Clarification                                                                                                                                                                     | Customer Reply                                                                                                                                                             |
|------|----------------------------------------|----------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.  | Section VII – Schedule of Requirements | 98       | Table 8<br>BODY WORN CAMERA TYPE A : QUANTITY-350 PIECES |                                                                                                                                                                                                     |                                                                                                                                                                                   |                                                                                                                                                                            |
| 11.  | Section VII – Schedule of Requirements | 98       | Field of view                                            | 130° - 180° Ultra wide                                                                                                                                                                              | Can we change the Field of View to Horizontal FOV: 132°, Vertical FOV: 72°, Diagonal FOV: 148°                                                                                    | 130° - 180° Ultra wide field of view is KRA's minimum requirement.<br>Bidders may choose to propose a system with a wider field of view.                                   |
| 12.  | Section VII – Schedule of Requirements | 98       | Night Vision Range                                       | At least 5m recognizable<br>At least 10m visible                                                                                                                                                    | Can we provide Night Vision Range to At least 3m recognizable At least 10m visible                                                                                                | At least 5m recognizable and At least 10m visible are the minimum requirements.<br>Proposing a device with less than 5M recognisable Night vision range is not acceptable. |
| 13.  | Section VII – Schedule of Requirements | 98       | Video Encoding                                           | H.264 format or higher                                                                                                                                                                              | Can we provide H.264 format or H.265                                                                                                                                              | The minimum requirement for the Video Encoding format is H.264. Bidders may choose to propose a system with a higher format.                                               |
| 14.  | Section VII – Schedule of Requirements | 98       | Video Resolution                                         | 1080p@30fps,<br>720p@30fps<br>480p@30fps                                                                                                                                                            | Can we provide 60 Hz: 30 fps / 15 fps / 5fps (2688 × 1512, 1920 × 1080, 1280 × 720, 720 × 576)<br>60 Hz: 30 fps / 15 fps / 5fps (2688 × 1512, 1920 × 1080, 1280 × 720, 720 × 576) | KRA's minimum requirement for the Video Resolution is 1080p@30fps.<br><br>Bidders may choose to propose a camera with a better Video Resolution.                           |
| 15.  | Section VII – Schedule of Requirements | 99       | Camera                                                   | Two Camera<br>Front Camera: high-quality video recording and photography<br>Rear Camera: for video calls, providing stable and smooth image transmission<br>Live streaming in the control room real | Due to change in technology the Rear Camera: for video calls, providing stable and smooth image transmission is not necessary can it be optional or omitted                       | Rear Camera is part of our requirement and cannot be deleted as proposed.                                                                                                  |
| 16.  | Section VII – Schedule of Requirements | 99       | Photo Resolution                                         | 36-megapixel, 24-megapixel, 16-megapixel, 8-megapixel, 4-megapixel                                                                                                                                  | Can we change to 40-megapixel, 30-megapixel, 16-megapixel, 5-megapixel which is better capacity                                                                                   | KRA's minimum requirement for the photo Resolution is 36-megapixel.<br><br>Bidders may choose to propose a camera with a better photo Resolution.                          |

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| S/No | Tender No.                             | Page No. | Clause No.                    | Minimum Requirements                                                                      | Clarification                                                                                   | Customer Reply                                                                                                                                              |
|------|----------------------------------------|----------|-------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17.  | Section VII – Schedule of Requirements | 99       | Pre-recording/ Post-recording | 120s/120s                                                                                 | Due to change in technology can we change to 60s/60s                                            | KRA's minimum requirement for Pre-recording/ Post-recording duration is 120s/120s.<br><br>Bidders may choose to propose a system with a better performance. |
| 18.  | Section VII – Schedule of Requirements | 99       | Battery                       | Battery with a capacity to support a minimum of twelve (12) hours of continuous recording | Can we add the Battery Capacity $\geq$ 3300 mAh                                                 | KRA's a minimum is twelve (12) hours of continuous recording.<br><br>Bidders may choose to propose a system with a better performance.                      |
| 19.  | Section VII – Schedule of Requirements | 99       |                               | Battery should be fully charged in 3-5 hours                                              | Can we provide Battery should be fully charged in less than 4 hours which is better capacity    | The battery should be fully charged within 3 & 1/2 hours.<br><br>4 hours is longer than the maximum charging time required.                                 |
| 20.  | Section VII – Schedule of Requirements | 99       | RAM                           | 3GB                                                                                       | Can we also provide at least 2GB capacity                                                       | KRA's minimum required RAM size is 3GB. 2GB does not meet the minimum requirements.                                                                         |
| 21.  | Section VII – Schedule of Requirements | 99       | Wireless interface            | BT5.1, support audio and BLE                                                              | Can we also provide at least BT4.0 capacity                                                     | KRA's minimum required Wireless Interface is BT5.1<br><br>BT4.0 does not therefore meet the minimum requirements.                                           |
| 22.  | Section VII – Schedule of Requirements | 100      | Intelligent Scene Aware       | Detects blockage of camera and man down and automatically sends an alarm to control room  | Can we also provide Detects blockage of camera and automatically sends an alarm to control room | The clarification sought is not clear. However, the minimum requirement remains as stated.                                                                  |
| 23.  | Section VII – Schedule of Requirements | 100      | Drop Test Height              | 1.5 m                                                                                     | Can we also provide MIL-STD-810G, 2 m drop test that is a better capacity                       | KRA's minimum requirement for Drop Test height is 1.5 m<br><br>Bidders may choose to propose a device that can support higher drop test height.             |





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|------|----------------------------------------|----------|----------------------|----------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24.  | Section VII – Schedule of Requirements | 100      | Operating conditions | -20 °C to 60 °C      | Can we also provide at least 0 °C to 55 °C which are the normal prevailing temperatures for Kenya | KRA's minimum requirement for Operating conditions is -20 °C to 60 °C.<br><br>The proposed range of 0 °C to 55 °C does not meet the minimum specifications as required. |

The clarification forms part of the bidding document and is binding to all bidders. All other terms and conditions of the RFB remain the same. Kindly acknowledge receipt of this clarification published and uploaded on the KRA Website on **27<sup>th</sup> February 2025** via [eprocurement@kra.go.ke](mailto:eprocurement@kra.go.ke).

Martha Njuguna

**FOR: DEPUTY COMMISSIONER - SUPPLY CHAIN MANAGEMENT**

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