



# Humphreys County Sheriff's Office

Sheriff Chris Davis

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## Body Worn Camera Bid Request

### OVERVIEW

The Humphreys County Sheriff's Office (HCSO) is seeking to upgrade the current Body Worn Camera system (BWC). The Sheriff's Office is looking to acquire fourteen (14) BWC along with a digital evidence management system that is cloud based. The digital evidence management system must be capable to store, manage, retrieve, redact, and share captured body cam footage. The below text will outline the bid specifications for the program.

### TECHNICAL REQUIREMENTS

The following technical specifications establish minimum requirements for each component of the BWC. Failure to demonstrate the ability to adhere to all requirements may result in disqualification of a bid.

#### Body Worn Cameras

Hardware for body worn cameras shall be new, of the latest model and technology offered by the vendor and shall, at a minimum, meet the following technical and performance requirements:

1. Cameras shall be full color audio/visual on-body worn cameras with no antennas or wired protruding off the camera.
2. Camera weight shall not exceed 6.9 oz.
3. Camera operating temperature range shall be -4°F to 122°F.
4. Camera Ingress Protection (IP) rating shall be IP67 and IPX4 as defined in IEC 60529.
5. ASTM B117 Salt Fog/Spray Corrosion: MIL-STD-810G.
6. Camera Frame Rate: up to 30 fps
7. Camera shall be configurable with the following available resolutions: 480p, 720L, 720H, and 1080H.
8. Camera shall be equipped with a rechargeable battery with a minimum capacity of 3440 mAh.
9. Camera shall be capable of the following wireless connectivity protocols: Bluetooth 4.2, Wifi 802.11ac/b/g/n at both 5GHz and 2 GHz.
10. Camera shall record video in MPEG-4 (.MP4) video format.
11. Video compression standard shall be H.264.
12. Camera shall be equipped with multiple microphones and wind noise reduction.
13. On-board data storage shall be 64 GB solid state non-removable eMMC.
14. Data encryption shall be XTS-AES-128 full disk encryption.
15. Cameras shall be equipped with a button to manually start and stop recording.
16. Camera may be capable of weapon deployment detection (activation of CEW's) thru integration capabilities as specified elsewhere in these requirements.
17. Cameras shall be capable of pre-event buffering of 0 to 120 seconds and shall be configurable in 30 second increments.
18. Cameras shall have audio tones and haptic (vibration) notification to alert user of usage.
19. Cameras shall be equipped with Near Field Communication (NFC) Tag.
20. Cameras shall provide the following image field of view: 146° diagonal, 125° horizontal, and 68° vertical.



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21. Cameras shall have low light capability similar to the human eye, 0.1 lux.
22. Cameras shall be equipped with embedded GPS.
23. Cameras shall be equipped with automatic motion blur correction.
24. Cameras shall be capable of video and audio livestream.
25. Cameras shall be capable of date and time watermark embedment into video.
26. Camera mounts shall be flexible magnet mounts capable of attaching the camera to clothing or other surfaces.

## Software Solution

Software to accompany the BWC and SC solutions specified in this bid shall be a digital evidence management system (DEMS) and shall meet the following technical and performance requirements:

1. DEMS shall be a scalable, cloud-based system designed to consolidate digital files in an easily managed and accessed system that maintains security and chain of custody of digital evidence.
2. DEMS shall be fully Criminal Justice Information Services (CJIS) compliant.
3. Data stored in DEMS shall be tamper proof and all access events shall be recorded and reported in a secure audit trail.
4. DEMS shall have customizable access permissions to control authorizations to view data.
5. Data stored in the DEMS shall be accessible, with proper credentials, from any internet connected device.
6. DEMS shall provide search capabilities to access data by incident number, locations, officer name(s), and other tags.
7. DEMS shall have redaction capabilities with automatic detection, tracking, and masking.
8. DEMS shall be capable of providing video and audio transcripts.

## Body Worn Camera Package

The body worn camera package supplied under this contract shall include the following:

1. Fourteen (14) body worn cameras meeting the technical requirements with necessary licenses for redaction, auto tagging, and auto-transcribe services.
2. Sixteen (16) body worn camera magnet mounts.
3. Fourteen (14) USB sync cables.
7. One (1) 8-bay charging docks with power cords.
8. Thirty (14) Basic User DEMS Licenses
9. Two (2) Administer User DEMS Licenses
10. Data storage equivalent to at least 180 days retention of video.
11. Package shall include a 5-year program during which cameras and docks will be replaced with new cameras and docks at 2.5 years and 5 years.
12. Package shall include a 5-year warranty on all hardware.