

Annex 3 – Products technical specifications.

Item # 1: Laser Rangefinder / Hypsometer

Designed mainly for forestry use, this laser finder tool will be used for angle compensated distance measurement.

Features:

- Measurement range: 7.5-1.600m
- Actual distance, horizontal distance, height, angle and vertical separation (difference in height between two targets) measurement functions
- Three-point measurement (height between two points) is required.
- Both internal and external LCD panels.
- Backlight brightness should be adjustable to three levels.
- Log function enables up to 250 measurement results to be stored
- High-quality 6x monocular with multilayer coating produces bright, clear images
- Long eye relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Single or continuous measurement (up to 8 seconds)
- Waterproof (up to 1m for 10 minutes) and fogproof, but not designed for underwater usage: the battery chamber is rainproof

Specifications:

- Distance range 7.5 - 1600m
- Angle range +/- 89 degrees
- Magnification optical sight 6 x
- Accuracy (actual distance) +/- 1.0m (1000m and over)
- Power 1 x CR-2 lithium battery, supplied.
- Auto power shut-off (after approx. 30 sec. unoperated)

Laser classification Class 1M/Laser Product

Dimensions L 110 x H 74 x W 42mm

Weight (excluding battery) 170g

Includes Carry Case

Item # 2: Wireless spherical 360 Degrees rescue camera

High-definition and live-streaming 360° multipurpose technical rescue camera that can be transmitted via wireless or wired connections to a mobile device.

Designed to advance rescue capabilities at emergency scenes.

Illustrative picture:



Item # 3: GoPro Camera or equal

GoPro camera or equal powered by new GP2 processor, able to shoot 5.3K video with double the frame rate, 23MP photos, enhanced low-light performance and 4.0 video stabilization in all modes. The camera should also be connected to the cloud.

Specifications and accessories:

- Includes HERO10 Black camera, carrying case, rechargeable battery, curved adhesive mounts, mounting buckle + thumb screw, USB-C cable and free SD card.
- All-new GP2 processor
- Unreal 5.3K60 + 4K120 video resolution + 23 megapixel photos
- Advanced HyperSmooth 4.0 video stabilization
- Waterproof to 33ft + built tough
- Automatically upload footage to the cloud when charging
- TimeWarp 3.0, 8X Slo-Mo + tons of other features to nail any shot
- Compatible with Quik app
- Compatible with over 30 mounts + accessories

Item # 4: Camera clamp (compatible with Item #3)

Clamp for GoPro (or equal) to objects ranging in size from 0.25 to 2in (0.6 to 5cm) in diameter. To be attached directly to the camera for low-profile mounting or use the optional neck to achieve a wider range of camera-angle adjustability.

Specifications and accessories:

- Clamp for GoPro (or equal) to objects ranging in size from 0.25 to 2in (0.6 to 5cm) in diameter
- Removable neck allows for a wide range of camera-angle adjustability
- Camera can be attached directly to clamp for lower-profile mounting
- Adjustable strap enables a secure grip on irregular shapes and objects as thin as a pencil
- Quick release bases make it easy to move camera between different mounts and locations
- Compatible with all GoPro or equal quick release mounting systems

Item # 5: Bag of Camera mounts and spare parts (compatible with Item #3)

Bag of GoPro (or equal) mounts and spare parts including curved and flat adhesive mounts, two mounting buckles, a 3-Way Pivot Arm, plus a variety of short and long thumb screws.

Item # 6: Camera tripod (compatible with Item #3)

Grab-and-go mini extension pole and tripod.

Specifications:

- Pocket-size of 4.6in (11.7cm)
- Can be extended to to 8.9in (22.7cm)

Item # 7: Firefighter Thermal imager

Firefighter Thermal imager with high resolution 320 x 240 pixel LCD display. With quick start-up and long battery life, the imager must start in few seconds for operations.

Main Specifications:

- 90 mm LCD screen, 320 x 240 pixels
- Screen brightness: LCD fixe and constant

- Resolution: IR 320 x 240
- Pixel size: 12 microns
- Spectral response: 7,5 to 14 microns
- Temperature units: Fahrenheit and Celsius
- Image Frequency: >25 Hz (ou 9 Hz)
- F number: F1.0
- Vision Field: 55 horizontal / 42 vertical

Item # 8: Cordless Digital Inspection Camera

Cordless digital inspection camera with large 88 mm diagonal wide color display. Movie and shooting and audio recording functions. With possibility to rotate the image 180 °. Anti-glare function. Three default levels of illumination.

The cordless digital inspection camera should come with 2 GB SD memory card and 914 mm analog camera cable.

Illustrative picture:

Milwaukee M12 C12 IC AVA-21C



Item # 9: Binoculars x10

Binoculars with following optimal performance:

- High 10x magnification
- 42mm objective lenses
- Compact roof prism light path
- Phase-correcting prism coatings eliminate internal interference to improve color and contrast
- Dielectric prism coatings boost internal prism reflectivity
- High-density (HD), extra-low dispersion (ED) glass lens elements
- Anti-reflection fully multicoated optics
- Short 5-foot close focus distance
- Wide 63° apparent angle of view
- 330-foot field of view at 1000 yards

Item # 10: Weather Station

Davis Vantage Vue or equal weather station to accurately measure, monitor, and manage weather data.

Illustrative picture:



Specifications:

- Inside/Outside Temperature
- Inside/Outside Humidity
- Barometric Pressure
- Wind Speed and Direction
- Dew Point
- Rainfall

Item # 11: Anemometer

Wind meter to measure current, average, and peak wind speed values.

Illustrative picture:



Item # 12: Set of 6 - 2 Way Radio walkie-talkie

Professional free-use walkie-talkie with IP55 certified metal casing. Dust and water- splash resistant. With a range of up to 5/9 km

Illustrative picture:



Features:

- Free use PMP 446 with a range of 5 / 9 km.
- IP55 certified and complies with MIL 810 c, d, e, f and g military standards.
- 8 channels with automatic channel scan
- ON/OFF control button.
- 16 channel selector - 219 CTCSS 38 codes - DCS181)
- Voice encryption.
- iVox function (without accessories).
- Scan function to detect occupied channels.
- IP55 metal housing: highly resistant to external shocks.
- MIL 810 c, d, e, f and g military standard.
- Software programmable.
- Keypad lock
- Low battery alert.
- Room Surveillance Operation
- Earphone jack.
- Lithium battery 2150 mAh
- Autonomy up to 20h.
- Dimensions: 116.6x58x40mm.
- Weight: 244g

Item # 13: Binoculars x12

Compact pentaprism binoculars with high-quality glass optics and BK7 optical glass with following features:

- Soft touch body for shock protection and an optimal grip
- Reversible eyecups also suitable for wearers of glasses
- Compensates up to +/-3 diopters to deliver clear images for spectacle wearers
- Quick and easy to focus thanks to large focusing wheel

Illustrative picture:



Specifications:

- Armouring: Rubber
- Diameter of Exit Pupil: 2.5 mm
- Field of View /1000 m: 77 m
- Focusing: Joint Focusing Arrangement
- Lens Coating: Coated
- Magnification Factor: 12x
- Model: Compact Binoculars
- Lens Diameter: 25 mm
- Weight: 240 g
- Colour: Black

Item # 14: Laptop Computer

HP ELITEBOOK 840 G8 Ref: 4535410-13 -
Intel Core i7 1165G7 or equal

Specifications:

- CPU:, 4 cores / 2,8 GHz
- RAM: DDR4 16 GB
- SSD 512 GB - 1 M.2 PCIe
- Video integrated
- Ports: 2x USB 3.0; 2xUSB
Thunderbolt Type- C; 1xHDMI
- Wi-Fi: 802.11ac
- Fingerprint mode
- Complete with chargers
- Complete with operating system and
software: Microsoft Windows 10 pro
x64; MS Office 365 Service/Warranty:
- 3- year parts, 3-year repair

Item # 15: Tablet with rugged case

Galaxy Tablet or equal with 10.5" wide display
with 10.2mm symmetric bezel and octa core
processor with up to 128GB memory and 1TB
micro SD. Long lasting 7,040mAh battery and
15W fast charging. The tablet should be
provided with rugged case.

Item # 16: Thermal image camera

Teledyne FLIR K53 or equal with FSX™ Flexible
Scene Enhancement

Specifications:

- IR Resolution: 320 × 240 pixels
- Display: 4 in. LCD, 320 × 240 pixels,
backlit
- Object Temperature Range: -20°C to
150°C (-4°F to 302°F) 0°C to 650°C
(32°F to 1202°F)
- Camera weight incl. battery: 1.1 ±0.05
kg (2.4 ±0.1 lb.)
- Camera size (L x W x H): 120 × 125 × 280
mm (4.7 × 4.9 × 11 in.)
- Contrast optimization: Digital image
enhancement using FSX
- Depth of Field: 0.84 m to infinity (33 in.
to infinity)
- Detector Type: Focal plane array (FPA),
uncooled microbolometer
- Field of view (FOV): 51° × 38°
- Focal Length: 9 mm (0.35 in.)
- Focus: Fixed
- Image Frequency: 60 Hz
- Spectral Range: 7.5-13 μm
- Storage Capacity: 200 files in total, with
a maximum duration of 30 minutes. The
total number of files is co-dependent on
the number of saved images.
- File Formats: Standard JPEG
- Storage Media: Internal flash memory
- USB: USB Mini-B



Illustrative picture: