

Budget Information by Budget Line Item:

CATEGORY	SUB CATEGORY	DESCRIPTION	CJD
Equipment	Laboratory Equipment and Accessories	Digital Computed Radiography (CR) device and Picture Archival Communications System (PACS) compatible with existing CCMEO analog radiograph machine and semi-annual maintenance. CR reader should process minimum of 25 plates per hour, 450GB storage, and have a small footprint. Image station should allow image adjustments, annotations, measurements, inputs and outputs, be customizable for basic to advanced users, and have DVD backup tool for disaster recovery. CCMEO pathologists will use the system to digitally generate, store, and archive radiographs to make positive identifications, diagnose trauma and locate projectiles and/or iatrogenic items, and observe congenital anomalies.	\$28,170.00
Equipment	Laboratory Equipment and Accessories	Mobile forensic evidence drying cabinet, 30" wide x 73" high, heavy duty casters, and filters located at base of cabinet to lower center of gravity for easy mobility through standard doorways. Airflow from top to bottom will bring in clean air from above the unit and exhaust filtered air near bottom of unit. Cabinet will be used by CCMEO investigators to reduce the amount of drying time for evidence in support of local law enforcement and the Collin County District Attorney's Office during homicide investigations.	\$5,000.00
Equipment	Laboratory Equipment and Accessories	Single ceiling-mounted surgical/autopsy light with 360° rotation around the vertical axis of the arm-and-mounting-system, Y-shaped design to minimize shadows, and equipped with three 35-watt halogen bulbs to produce 90,000 Lux for a diameter of 1 meter. With a color-rendering index (CRI) of 96 and color temperature of 3700 Kelvin, the light will enhance the pathologists' vision and reduce eye strain and fatigue by providing clear, crisp, natural light during daily autopsies.	\$4,775.00
Supplies and Direct Operating Expenses	Printer, Fax, Scanner and/or Camera (Valued Under \$1,000)	External flash compatible with existing CCMEO cameras. Features should include ability to cover 17 – 200 mm lenses, automatically detect DX/FX camera format and adjust accordingly, and tilt -7° to 90° and horizontally 180° for maneuverability. Specifications: GN 111.5 feet, angle of coverage = 104° to 12°, 2.3 second recycle time. External flash will be used by CCMEO investigators in low-light situations to clearly document the death scene. Quantity = 2.	\$950.00
Supplies and Direct Operating Expenses	Printer, Fax, Scanner and/or Camera (Valued Under \$1,000)	Digital SLR camera bodies with 18-55mm VR lens and basic accessory kit, including camera bag for transport and storage, UV protection filter, lens cleaning kit, LCD screen protector, and 8GB SDHC memory card. Cameras should be compatible with existing CCMEO cameras and include high-resolution 14.2MP DX sensor, 3" LCD, autofocus, built-in pop-up flash, and 420-pixel RGB sensor scene recognition system to automatically optimize exposure, autofocus and white balance, and automatic image sensor cleaning. These cameras and lenses will be used by the pathologists on a daily basis for autopsy photos. Quantity = 2	\$1,800.00

Supplies and Direct Operating Expenses	Printer, Fax, Scanner and/or Camera (Valued Under \$1,000)	Zoom lens compatible with existing DX-format dSLR CCMEO cameras. Features should include wide angle to telephoto focal range (18-200mm), superior quality ED (extra-low dispersion) elements for sharpness and color correction without distortion at wide apertures, and VR (vibration reduction) image stabilization to enable shooting up to 4 shutter speeds slower (sharper images). Specifications: 76° to 8° angle of view, 20" minimum focus distance, image stabilization, and autofocus. Zoom lenses will be used by CCMEO investigators to clearly document the death scene. Quantity = 2	\$1,900.00
Supplies and Direct Operating Expenses	Project Supplies	Disposable plastic covers for CR reader phosphor plates/cassettes, 100/box. Quantity = 4 \$240; Filters for evidence drying cabinet. Carbon filter x1, HEPA filter x1, and pack of 5 intake and 5 main pre-filters = \$800; Replacement bulbs (rated for 1400 hour life) for autopsy light, 3 pack. = \$150	\$1,190.00
Supplies and Direct Operating Expenses	Project Supplies	Full-face respirator with silicone face seal, scratch-resistant polycarbonate lens for improved visibility and impact protection, DIN port adapter, and center adapter to direct exhaled breath and moisture downward. Respirator should come in multiple sizes for better fit and be NIOSH approved with replacement parts available for maintenance. These masks will be used by CCMEO investigators and morgue transport personnel to safely enter death scenes by providing respiratory protection against particulates such as bloodborne pathogens, organic and chemical vapors, and pepper spray/tear gas. Quantity = 8.	\$1,080.00
Supplies and Direct Operating Expenses	Project Supplies	DIN threaded cartridges with the capability to provide respiratory protection (99.97% effective at .3µm) from bloodborne pathogens, certain organic and chemical vapors, and pepper spray/tear gas will be used in tandem with full-face masks by investigators and morgue transport personnel entering death scenes. Quantity = 8 cases (4 pack/cs).	\$1,720.00