Craft:

Electronic Syste

Module Number
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Equipment and Materials List

ems Technician L3, 4E

Materials/Equipment
Whiteboard and markers
Pencils and paper
PowerPoint® Presentations
A variety of standard marker sizes
Poster board
Flip chart
LCD projector and screen
Computer with internet access
Module Review answer key
Module Examinations
A copy of the *National Electrical Code* ®

Performance Profile Sheets

Appropriate PPE
Samples of various types of wire and insulation
Standard wire gauge
Samples of multimode and single-mode optical fiber cables
Samples of cables with NEC® classification markings
Gloves
Eye protection
Fish tape
Fish poles
Power fishing system
Cable pull stocking
Pull lines
Cable caddy
Cable lubricant
Various sizes of cable on reels or in boxes, pay-out packs, or reels-in-a-box
Load current wire selection tables
Calculators

Various types of coaxial cable
Wire cutters
Stripping tools
Coaxial cable stripper
Crimping and assembly tools
Coaxial cable connectors
Snap-in station outlet couplers
Punchdown blocks
Patch cord plugs
Crimp connectors for screw terminals
Splice-type crimp connectors
Wire nuts
Equipment and computers for setting up a network
Computers networked with peripheral devices
Parts and tools to terminate fiber optic cables
Adapters
Connectors
Ferrules
Adhesive
Fiber optic stripping tools
Fiber optic strands
Fiber cleavers
Polishing paper and other supplies as required
OTDR
Fiber optic strands with splices or connectors
Complete set of construction drawings
Examples of as-built drawings
Copy of typical scope of work
Addenda
Liens
Stop-work orders
RFIs
Change orders
Project logs
Punch list
Examples of materials estimates takeoff sheets/estimating forms
Ladders
Flashlight
Measuring device (wheel/50' tape/laser)
Handheld tape recorder
Still or video camera
Architect's rule
Examples of graphic-type and text-type project schedules

Examples of tasks and labor estimates takeoff sheets/estimating forms
Personal computer with project scheduling software (optional)
Graph paper for making schedules
Examples of system installation
Example rack installations for calculations
Equipment racks
Rack accessories, including support base, mounting hardware, casters, rack ears, power strips
Rack layout drawing
CAD or computer drawing program
Equipment lists
Rack-mount equipment, including blank panels, ventilating fans, cable/wire management devices, electr
Samples of course objectives and course outlines
Low-voltage system/equipment that requires troubleshooting
Manufacturers' troubleshooting aids
Test equipment, as applicable
Several power supplies, some defective and some working
Multimeter (VOM/DMM)
Oscilloscope
Several printed circuit boards, some defective and some working
Several computers with hardware problems in some and software problems in others
Copper cable-wired network
Fiber optic cable-wired network
Light source
Power meter
Fiber optic cable

Quantity	Quantity Reference (if applicable)	Local Price

onic equipment		
	TOTAL	**$0.00**