

AV SPECIFICATIONS FOR SCHOOL YEAR 2009-2010

Valid thru **June 30, 2010**

This is a required cross reference check to ensure that the correct item is ordered

Note to the end user:

Please read the specifications carefully and determine you are ordering the correct item.

When in doubt, contact Television resources and Web Services @ Tel: 301-386-1619

As a general rule, assembly will be required by the vendor when there are accessories attached to any of the system; Mounting will be required when Flat Panel display & mounts are ordered.

When you receive the equipment, please note down details such as item, make, model, Serial number, date received, warranty information on the manual itself and keep an inventory of the item. Please write down the version of the software applications, if applicable.

When you receive a turn-key package, please verify that all the items in the packages and its quantities match those specified in the PO

ITEM NO.	DESCRIPTION	PRICE
1	<p>(15153) MOBILE TELEVISION CART ASSEMBLED Wide body TV table; All welds to be bead type (spot welds not acceptable); Adjustable height (44" to 48"); Must be able to hold 27" TV; Roll-formed shelves with 1/2" safety lip; 4" swivel casters with two brakes; All four wheels must swivel; Two-outlet electrical system grounded to table with 20' cord; Ratchet safety belt and rubber mat included; VENDOR MUST FULLY ASSEMBLE CART AND PLACE IN AREA DESIGNATED BY BUILDING STAFF.</p> <p>DaLite PM7-48JE q/A552R</p>	<p><u>\$ 182.95</u></p>
2	<p>(18486) HDTV 32" LCD</p> <p>This is intended for small office rooms. 32" ,LCVD HDTV, 1080i with HDTV Built-In NTSC & ATSC (480i, 480p, 720p, 1080i)</p> <p>Specifications Built-In NTSC & ATSC (480i, 480p, 720p, 1080i) Native Resolution 1366 x 768, Aspect Ratio 16:9 Response Time 8 ms Video Processor ATI Xilleon Technology Viewing Angle 178°/178° VIDEO Formats (480i, 480p, 720p, 1080i) 2:2/3:2 Pull Down Yes Color Temperature Adjust, Digital 3D Comb Filter, Progressive Scan AUDIO Audio Output 1 R/L RCA Audio Earphone Output 1 Stereo Mini Jack Speakers 2 x 10W I/O PORT Component Input 2 + R/L RCA Audio Composite Input 1 + R/L RCA Audio S-Video Input</p> <p>(Continued Next Page)</p>	

ITEM NO.	DESCRIPTION	PRICE
2	<p>(18486) HDTV 32" LCD (Continued)</p> <p>Digital Input 1 HDMI w/HDCP VGA Input 1 15-Pin D-sub + R/L RCA Audio Optical Audio Output No Service Port DB-9 TV System Support up to 1080i FUNCTION Channel Return ,Clock/Alarm ,Closed Caption ,Favorite Channel MTS, Sleep Timer V-Chip Parental Control Olevia model 232 V or latest equivalent</p> <p>Model Offered: <u>SONY KDL32L5000</u></p>	\$ 514.85
3	<p>(18220) FLAT SCREEN TUBE SDTV/DVD/VCR COMBO</p> <p>27" tube TV: Flat tube TV, providing a wide viewing angle and minimizing reflections SDTV (480i) with digital tuner: built-in digital (ATSC) tuner DVD player: built-in progressive-scan DVD player compatible with DVD-Video (movies) and DVD+R/RW, VCD, SVCD, music CDs, MP3-CD, CD-R/RW, and Picture CD (JPEG). Switchable between VHS and DVD. Built-in speakers with dynamic stereo Dolby Digital Component video, S-video and composite.</p> <p>Model Offered: <u>TOSHIBA/MACK 26LV610U/1081</u></p>	\$567.14
4	<p>LCD TV/MONITOR, 26" with built-in DVD player</p> <p>This is intended for viewing TV, and video playback in small offices or use in TV Studio control rooms. 26" widescreen HDTV, 1366 x 768 resolution (16:9 aspect ratio, 300cd/m2 brightness, 5ms response time, 1000:1 dynamic contrast ratio built-in digital (ATSC) and analog (NTSC), QAM cable TV tuner,digital comb filter, auto channel memory, sleep (off) timer, closed caption, V-Chip, built-in stereo speakers (2.5 watts x 2), A/V inputs, including: composite video. S-video, component video (accepts signals up to 1080i) HDMI v1.3 digital audio/video input (accepts signals up to 1080i) PC input: analog RGB (D-Sub 15-pin) with PC audio, Audio enhancements: Dolby® Digital/ DTS® compatible, bass/treble balance, surround sound, Unified remote control, RF input for antenna/cable signals, Wall mountable DVD Player, Playable disc types: DVD/DVD-R/DVD-RW/CD/CD-R/CD-RW/VCD DivX® Home Theater Certified Playback of WMA and MP3 files, Digital picture zoom headphone output, and VESA-compliant mounting holes (100mm pattern). One year Warranty,</p> <p>Model Offered <u>Toshiba 26LV610U</u></p>	\$445.00

ITEM NO.	DESCRIPTION	PRICE
5	<p>DVD/S-VHS/HDD COMBO RECORD/PLAY FOR CLASS ROOMS. This is intended for use in classroom, for record/playback operations</p> <p>3-in-1 DVD/VHS/HDD video recorder. DVD-R-RW/DVD +R/+RW/RAM DVD recorder, VHS HiFi VCR, Hard Disk video recorder with an 80GB hard drive standard cable-ready tuner, analog and Firewire AV inputs, progressive scan, DivX, and video upscaling via HDMI output, I/O Digital coaxial output, Component video output, S-video outputs, Composite, Digital Audio (TOSLINK),</p> <p>Model Offered: Panasonic DMR-E248K</p>	\$274.75
6	<p>(15122) CART FOR LCD DISPLAY INCLUDING 2 VCR/DVD PLAYER MOUNTING SHELVES ASSEMBLY & INSTALLATION REQUIRED BY THE VENDOR</p> <p>LCD mobile cart to position the display anywhere along its poles and to safely support any AV equipment mounted and placed upon it. The kit shall consist of the LCD Display Cart with appropriate mount and 2 X equipment shelves to place one VCR and one DVD player. 60" post height, Lockable casters, - shelf dimensions are 20"W x 16"D with manufacturer's limited lifetime warranty. The vendor shall assemble and securely install the equipment on the shelves. The wiring for proper operation shall also be completed by the vendor. Premier Mounts UPD Series with Clevis Universal Mount & PSD-SHA Optional Shelf or latest equivalent</p> <p>Model Offered: PREMIER UPD1060/PSD-SHB</p>	\$464.89
7	<p>(17452) MINI DV/DVD/HDD COMBO</p> <p>This is intended for multimedia recording, playback and dubbing All-digital formats of Mini DV, 160GB hard disk drive (HDD), and DVD, stand alone editing/dubbing/viewing production system, built-in Simple non-linear 'play-list' editing, and facility to create finished DVD programs without a computer, Compatible with most non-linear editing systems, IEEE-1394 dubbing to/from Mini DV tape, Program storage on HDD, High quality DVD creation and duplication, BNC Video output connector, DVCAM™ playback capability, RS-232C interface JVC SR-DVM70US or Latest equivalent</p> <p>Model Offered: JVC SR-DVM70US</p>	\$1285.00

8 (17437) HDTV/MONITOR, 42" MULTIMEDIA

This is intended for use in classroom, science lab, auditorium, main lobby and indoor sport venues etc. (Note to end-user: Please remember to order appropriate wall/ceiling mount)

Specifications:

Flat panel display LCD/Plasma, size 42" High definition compatible, with built-in ATSC & NTSC tuners, Composite, component, A/V, S-Video, VGA, DVI, HDMI, audio inputs, PC Audio IN, Head phone out, built-in vertical speakers 10W x 2, Multiple aspect ratio selectable including 16:9, Pixel resolution 1366 x 768, Dynamic contrast ratio 1600:1 (Response time 8ms, brightness 800 cd/m², Viewing angle degree 178 (H) / 178 (V), Support for 480i, 480p, 720P, 1080i, 3D comb filter, Motion Adaptive Processing, V-Chip Parental Control, 2:2/3:2 Pull Down, Progressive scan, Closed caption, MTS support, PIP/Split Screen, Clock/Alarm Wall mount type VESA 100 x 200, Audio inputs AV/S-Video x 2, Component x 2, Mini - Stereo Jack x 1 Audio output RCA x 1, Mini - Stereo Jack x 1 Component inputs Y, Pb/Cb, Pr/Cr x 2 Composite inputs RCA x 2 S-Video Inputs 4-pin DIN x 2 VGA Input 1, Digital Input HDMI x 1, FCC-B, UL, cUL, ICES003, CSA, Energy Star regulatory approvals, 3 Year warranty, 1 Year Parts and Labor w/ Onsite Coverage for 1st Year.
Syntax Olevia 542i HDTV or latest equivalent

Model Offered : **HITACHI L3ZA403**

\$864.45

9 (17445) HDTV/MONITOR, 37" MULTIMEDIA

This is intended for use in classroom, science lab, auditorium, main lobby and indoor sport venues etc. (Note to end-user: Please remember to order appropriate wall/ceiling mount)

General Specifications:

Flat panel display LCD/Plasma, size 37" Full HD, with built-in ATSC & NTSC tuners, Composite, component, A/V, S-Video, HDMI, audio inputs, VGA, with PC Audio IN, Head phone out, built-in vertical speakers, Multiple aspect ratio selectable Progressive scan, Closed caption, MTS support, PIP/Split Screen, 37" screen (measured diagonally) widescreen 16:9 aspect ratio, built-in digital ATSC, QAM and analog NTSC, tuners 1920 x 1080 pixels (full HD), 5-millisecond pixel response time, 15,000:1 dynamic contrast ratio digital video processing, built-in stereo speakers (10 watts x 2) A/V inputs, including: minimum 1 composite video, 1 S-video, 2 component video (accepting signals up to 1080p) 3 HDMI, PC input: analog RGB (D-Sub 15-pin), RF input for antenna/cable signals optical digital audio output, USB port, Wide Viewing Angle, Support for 480i, 480p, 720P, 1080i, V-Chip Parental Control, 2:2/3:2 Pull Down, detachable swivel stand, wall-mountable, remote control, Energy Star regulatory approvals, 3 Year warranty, 3 Year Parts and Labor w/ Onsite Coverage for 1st Year.

Samsung LN37A550 LCD 1080p HDTV with Tuner or latest equivalent

Model Offered: **Samsung LN37A550K**

\$813.66

ITEM NO.	DESCRIPTION	PRICE
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10 **HDTV/MONITOR, 46" MULTIMEDIA**
 This is intended for use in classroom, science lab, auditorium, main lobby and indoor sport venues etc. (Note to end-user: Please remember to order appropriate wall/ceiling mount)

General Specifications:
 Flat panel display LCD/Plasma, size 46" Full HD, with built-in ATSC & NTSC tuners, Composite, component, A/V, S-Video, HDMI, audio inputs, VGA, with PC Audio IN, Head phone out, built-in vertical speakers, Multiple aspect ratio selectable, Progressive scan, Closed caption, MTS support, PIP/Split Screen, 46" screen (measured diagonally) widescreen 16:9 aspect ratio built-in digital ATSC, QAM and analog NTSC, tuners 1920 x 1080 pixels (full HD), 5-millisecond pixel response time, 30,000:1 dynamic contrast ratio digital video processing, built-in stereo speakers (10 watts x 2) A/V inputs, including: minimum 1 composite video, 1 S-video, 2 component video (accepting signals up to 1080p) 3 HDMI, PC input: analog RGB (D-Sub 15-pin), RF input for antenna/cable signals optical digital audio output, USB port, Wide Viewing Angle, Support for 480i, 480p, 720P, 1080i, V-Chip Parental Control, 2:2/3:2 Pull Down, detachable swivel stand, wall-mountable, remote control, Energy Star regulatory approvals, 3 Year warranty, 3 Year Parts and Labor w/ Onsite Coverage for 1st Year.
Samsung 46" Series 5 LCD HDTV, Model LN46A550 or latest equivalent.

Model Offered: [Samsung LN46A550K](#) **\$1297.32**

11 **CAMCORDER, Multi Format, p2**
 Handheld Varicam camcorder 3CCD, 1/3-inch 16:9 progressive CCD 1100000 Pixel, with LEICA DICOMAR lens intended for use in TV production Elementary & Middle schools

Specifications
 Pick-up Device: 3CCD; (1/3-inch interline transfer type, and progressive modes supported); Lens: LEICA DICOMAR lens with optical image stabilizer, motorized/manual mode switching, 13 × zoom, F1.6 - 3.0 (f=3.9mm to 51mm / 35mm latest equivalent: 28mm to 368mm); Optical Color Separation: Prism system; ND Filter: 1/4, 1/16, 1/64; Video P2 General (DV CPRO HD, 1080i / 720p); Sampling Frequency: Y : 74.25 MHz, PB/PR: 37.125 MHz; Quantizing: 8 bits; Video Compression System: Compression ratio 1/6.7, DCT + variable length code; Video Recording Bit Rate: 100 Mbps; Audio P2 General (DV CPRO HD, 1080i / 720p); Sampling Frequency: 48 kHz Quantizing: 16 bits / 4ch; Frequency characteristics: 20 Hz to 20kHz Memory Card; Recording Format: DV CPRO HD : (59.94 Hz) 1080/60i (30p over 60i, 24p over 60i, 24pA over 60i), 720/59.94p (30p over 60p, 24p over 60p), 720/30pN (Native), 720/24pN (Native); DV CPRO 50/DV CPRO /DV : 480/60i (30p over 60i, 24p over 60i, 24pA over 60i) Audio Recording Format: PCM digital recording 48 kHz / 16 bits 4ch (DV CPRO HD / DV CPRO 50), 2ch/4ch selectable (DV CPRO /DV) Recording/Playback Time*: Approx.64 minutes; VIDEO connectors

ITEM NO.	DESCRIPTION	PRICE
(11)	<p>CAMCORDER, Multi Format, p2 (Continued)</p> <p>SDI Out: BNC x 1, 0.8Vp-p, 75; HD : SMPTE 292M/296M/299M Standard SD: SMPTE 259M-C/272M-A/IT U-R.BT656-4 Standard Analog Component Output: Component Video Terminal x 1, Y : 1.0Vp-p, 75 Ω , PB/PR: 0.7Vp-p, 75 Ω; Analog Composite Output: Pin jack x 1, 1.0Vp-p, 75 Ω; Audio Connectors XLR Input: XLR (3-pin) × 2 (Input 1/Input 2), Input High-Impedance Line: 0dBu, MIC: -50/-60dBu (selectable in menu GUI); Line Output: Pin-jack × 2 (ch1,ch2) 316mV, 600 Ω; Built-in Microphone: Stereo microphone; Phones: Stereo mini jack (3.5mm diameter); Built-in Speaker: 20mm round shape x 1; Other Connectors IE 1394: 6 pin Digital x 1 (Input/Output), based on IE 1394 standard USB: Type mini B connector (USB ver.2.0); Camera Remote: 2.5mm diameter super mini jack for zoom and rec start/stop; 3.5mm diameter mini jack for focus and iris; Monitor, AC Adapter, and other packages; LCD Monitor: 3.5 inches, LCD color monitor, 210,000 pixels; Viewfinder: 0.44 inches, LCD color viewfinder, 235,000 pixels; AC Adapter: Weight: 160 g; Dimensions: 70 (W) mm x 44.5 (H) mm x 116 (D) mm; Supplied Accessories: A C adapter/charger, AC cord, DC cord, Eye cup, 5400mAh battery pack, Wireless remote controller with button-type battery, Microphone holder, Shoulder strap, Ferrite core, Component video cable, Pin-BNC conversion plug, P2 card software driver install CD-ROM; Include: Lithium Battery Battery Charger; A/C Adapter. 5 Year warranty. Panasonic AG-HPX170 or Latest equivalent</p>	
Model Offered: Panasonic AG-HPX170	\$4,625.00	
12	<p>(15127) TRIPOD SYSTEM (MINI DV CAMERA)</p> <p>This is a camera support system is for light weight cameras and intended for use in TV studio or for remote location shooting. Tripod system for use with Mini DV Camcorders to support a minimum of 22 lbs. Consists of a universal tripod, featuring robust built-in geared column, integrated adjustable spreader, retractable spiked feet and universal-flat based head mount with Fluid Head- providing continuous adjustable drag control with integrated counter balance mechanism, camera mounting plate, with 2 pan handles; Dolly with locking capability. Manfrotto model 3068/516/3156 or latest equivalent</p>	
Model Offered: Manfrotto model 3068/516/3156	\$925.23	
13	<p>LED Dance Floors</p> <p>This is intended for use in creative & performance arts schools for use as a dance floor with programmable lighting effects; LED lighted dance floors sections in 4'x4' steel decks that hold at least 1200 lb's a piece and can be clamped together to make any size dance floor as needed. Each installed with 4 LED light strips, the steel frame, a 3/4 " Plexiglas deck, all the cables and includes all materials, safety rails, installation and operator instruction; software application to program and save individual blocks for color, patterns, effects and combinations. Usable from regular 20amp power outlet, LED Party floor model or latest equivalent</p>	
Model Offered... NO AWARD		

ITEM NO.	DESCRIPTION	PRICE
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14 (15135) TELEVISION STUDIO FOR ELEM. SCHOOLS

This is intended for live and taped video production of morning address, instructional materials, documentaries, events, info/educational programs. The studio will also be used for teaching Television classes and training students. The vendor shall procure, install, test and maintain for three years a complete and fully functional functioning Turn-key system including but not limited to the following items or its latest equivalent and compatible replacements. All items shall be of prosumer / industrial grade supplied with a minimum of one year OEM warranty for parts & labor together with an extended service contract from the vendor. All items, cables shall be marked, labeled, and the wiring be carried out in a professional manner following all industry and safety standards. The vendor shall provide a minimum of 16 hours of training. Up on commissioning, the vendor shall also provide test results, schematics, documentation and manuals. The system shall be installed in low profile mobile dual video and single audio rack consoles to facilitate remote productions within the school complex (schematic Diagram is available from TV Resources up on request)

ITEM DESCRIPTION	TYPICAL MAKE /MODEL	QTY
Camcorder, 3CCD adapted for studio use with Tally, ext. VF, P2 Card (as specified in bid item#11)	Panasonic AG-HPX170	2
AC ADAPTER/BATTERY CHARGER		2
LI-ION BATTERY, 2 HR.		2
BATTERY ADAPTER		2
TRIPOD, WITH CAMERA ADAPTER,HEAD, Handle		2
DOLLY for camera support system		2
MIC,LAVALLIER, ELECTRIC CONDENSER, SONY	ECM-44B	3
MIC, HAND HELD	SHURE SM57	3
VIDEO PROD. SWITCHER, Integrated TriCaster VM™, TimeWarp™, LiveText™, DataLink	*Newtek Tricaster	1
MONITOR 4",PVW, LCD,MARSHALL ELECTRONICS	V-LCD4-PRO-L	4
MONITOR,LCD, 7", MARSHALL ELECTRONICS	V-ASL7070	2
TV/ MONITOR, LCD, 19",Wide screen	TOSHIBA 19LV610U	3
MICROPHONE STAND, HEIGHT ADJUSTABLE	MS-10 C	3
Rack case, Fly pack, shock mounted, 12RU, 14" d w. casters , mobile,		2
THREE IN ONE RECORDER, MINI DV+DVD+HDD, JVC	SR-DVM70US	2
AUDIO MIXER, 14 IN, MACKIE	Mackie 1402-VLZ3	1
CD/DVD PLAYER, SAMSUNG	DVD-HD841	1
A/V SELECTOR SWITCH, 5 X 1, JVC	JVC JX-S111S	1
HEAD SET, JVC	HA G101	2
INTERCOM SYSTEM, WIRELESS, 4 USERS,	EAR-TD904	1
TELEPROMPTER SYSTEM W. LCD, TO FIT ITEM #1	DV-11	1
LIGHTING, LED KIT, 1500W	Image west model KIT/LED-1500	1
MESSAGING/ INFORMATION/ALERT SYSTEM	Chyron ChyTV-IP-N	1
CHROMA KEY SCREEN with support	LL LC5781 +314	1
DA, AUDIO & VIDEO	Comprehensive CVG-5A	2
Signal converter, analog to digital & digital to Analog each	AJA	1
SCAN CONVERTER	TView Gold	1
INSTALLATION, DOCUMENTATION & TRAINING		1
UPS, APC SmartUPS , 1400VA, RACK MOUNT	SUA1500RM2U Smart-UPS	1

***100% credit to be applied when upgraded to a higher system!- for example, composite to SD**

Model Offered:... **TURN-KEY SYSTEM AS SPECIFIED**

\$47,894.00

ITEM NO.	DESCRIPTION	PRICE
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15 (18034) TELEVISION STUDIO FOR MIDDLE SCHOOLS

This is intended for live and taped video production of morning address, instructional materials, documentaries, events, info/educational programs. The studio will also be used for teaching Television classes and training students. The vendor shall procure, install, test and maintain for three years a complete and fully functional functioning Turn-key system including but not limited to the following items or its latest equivalent and compatible replacements. All items shall be of prosumer / industrial grade supplied with a minimum of one year OEM warranty for parts & labor together with an extended service contract from the vendor. All items, cables shall be marked, labeled, and the wiring be carried out in a professional manner following all industry and safety standards. The vendor shall provide itemized prices, and may substitute latest equivalent items without affecting the integrity of the system. The vendor shall provide a minimum of 16 hours of training. Up on commissioning, the vendor shall also provide test results, schematics, documentation and manuals. The system shall be installed in low profile mobile dual video and single audio rack consoles to facilitate remote productions within the school complex. (schematic is available from TV resources up on request)

ITEM DESCRIPTION	TYPICAL MAKE /MODEL	QTY
Camcorder, 3CCD adapted for studio use with Tally, ext. VF, P2 Card (as specified in bid item#11)	Panasonic AG-HPX170	3
Signal converter, analog to digital & digital to Analog each	AJA	1
AC ADAPTER/BATTERY CHARGER		2
LI-ION BATTERY		2
BATTERY ADAPTER		2
TRIPOD, W. CAMERA ADAPTER, Fluid head, +2 HANDLES	Sachtler DV II	3
DOLLY for the camera support system	Sachtler	3
MIC, LAVALIER, ELECTRIC CONDENSER, SONY	ECM-44B	3
MIC, HAND HELD	SHURE SM57	3
VIDEO PROD. SWITCHER, Integrated TriCaster VM™, TimeWarp™, LiveText™, DataLink	Newtek Tricaster	1
TV/Monitor, 32", Flat Panel, Multimedia VGA, HDMI, RF,	Viewsonic N3290W	2
LCD 19", Wide screen HDTV/monitor	Toshiba 19HLV87	2
MICROPHONE STAND, HEIGHT ADJUSTABLE	MS-10 C	1
Rack case, Fly pack, shock mounted, 12RU, 14" d w. casters, mobile,	any	2
Signal converter, digital to analog, analog to digital, each	AJA	2
THREE IN ONE RECORDER, MINI DV+DVD+HDD, JVC	SR-DVM70US	2
MONITOR, LCD, 7", DUAL	LAIRD LTM-2LCD7	2
AUDIO MIXER, 14 IN, eq, mic/Line	Mackie 1402-VLZ3	1
VHS/DVD Combo,	JVC HR-XVC19S	1
HEAD SET, JVC	HA G101	2
INTERCOM SYSTEM, WIRELESS, 4 USERS,	EAR-TD904	1
TELEPROMPTER SYSTEM W. LCD, TO FIT ITEM #1	Broadcast 15 Prompter	1
LIGHTING, LED KIT, 1500W	Image west model KIT/LED-1500	1
CHROMA KEY SCREEN with support	LL LC5781 +314	1
DA, SDI	AJA	2
UPS, APC SmartUPS, 1400VA, RACK MOUNT	SUA1500RM2U Smart-UPS	2
SCAN CONVERTER	TView Gold	1
MESSAGING/ INFORMATION/ALERT SSSYTEM	Chyron ChyTV-IP-N	1
Microphone snake cable assy, 50', FM. XLR	Markertek SIG-12F	1
Interface Panels, A/V I/O	As needed	1
Sync generator	hotronic AG2-AD	1
MIC, WIRELESS, FREQ. AGILE, SYSTEM	ATW-1128	1
INSTALLATION/DOCUMENTATION/TRAINING		1

*100% credit to be applied when upgraded to a higher system!- for example, composite to SD

Model Offered: ... **TURN-KEY SYSTEM AS SPECIFIED**

\$67,479.00

ITEM NO.	DESCRIPTION	PRICE
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16 (15136) TELEVISION STUDIO FOR HIGH SCHOOLS

This is intended for live and taped video production of morning address, instructional materials, documentaries, events, info/educational programs. The studio will also be used for teaching Television classes and training students. The vendor shall procure, install, test and maintain for three years a complete and fully functional functioning Turn-key system including but not limited to the following items or its latest equivalent and compatible replacements. All items shall be of prosumer / industrial grade supplied with a minimum of one year OEM warranty for parts & labor together with an extended service contract from the vendor. All items, cables shall be marked, labeled, and the wiring be carried out in a professional manner following all industry and safety standards. The vendor shall provide itemized prices, and may substitute latest equivalent items without affecting the integrity of the system. The vendor shall provide a minimum of 16 hours of training. Up on commissioning, the vendor shall also provide test results, schematics, documentation and manuals. The system shall be installed in low profile mobile dual video and single audio rack consoles to facilitate remote productions within the school complex. (schematic diagram is available from TV resources up on request)

ITEM DESCRIPTION	TYPICAL MAKE /MODEL	QTY
CAMCORDER, 1/2" CMOS, STUDIO PACKAGE, MEMORY CARD, W. Lens, CABLES	Sony PMW-EX3	3
AC ADAPTER/BATTERY CHARGER		2
LI-ION BATTERY		2
BATTERY ADAPTER		2
TRIPOD, W. CAMERA ADAPTER, Fluid head, +2 HANDLES	Sachtler SACH-0472, FSB-6,3270	3
DOLLY for the camera support system	Sachtler DV 100	3
MIC, LAVALIER, ELECTRIC CONDENSER, SONY	ECM-44B	3
MIC, HAND HELD	Shure SM58-CN	3
INTEGRATED VIDEO PRODUCTION SWITCHER, digital, SDI, LiveText , CG, NewTek iVGA , LiveSet	*TriCaster BROADCAST	1
TV/Monitor, 32", Flat Panel, Multimedia VGA, HDMI, RF,	Viewsonic N3290W	2
LCD 19", Wide screen HDTV/monitor	Toshiba 19LV610U	2
MICROPHONE STAND, HEIGHT ADJUSTABLE	Atlas MS-10C	1
Fly pack, Rack case shock mounted, 16RU, 14" d w. casters, mobile,		2
THREE IN ONE RECORDER, MINI DV+DVD+HDD, JVC	JVC SR-DVM700US	2
Wide Screen LCD Monitor with SDI Input, 7"	Marshall V-R70P-SD 7	2
AUDIO MIXER, 14 IN, mic / line, eq,	Mackie 1402-VLZ3	1
VHS/DVD Combo,	JVC HR-XVC19S	1
A/V SELECTOR SWITCH, 5 X 1, JVC	JVC JX-S111S	1
HEAD SET, JVC	JVC HAG101	2
INTERCOM SYSTEM, WIRELESS, 4 USERS,	Ear TD904	1
TELEPROMPTER SYSTEM W. LCD, TO FIT ITEM #1	Broadcast 15 Prompter	1
LIGHTING, LED KIT, 1500W	Image west model KIT/LED-1500	1
CHROMA KEY SCREEN with support	LL LC5781 +314	1
MINI Converter, SDI to analog NTSC w. Power Supply	AJA D4E	1
MINI Converter, analog NTSC to SDI, w. Power supply	AJA D5D	1
UPS, APC SmartUPS, 1400VA, RACK MOUNT	APC SUA1500RM2U	2
SCAN CONVERTER	TView Gold	1
MESSAGING/ INFORMATION/ALERT SYSTEM	Chyron ChyTV-IP-N	1
Memory Recorder, XDCAM EX	PMWEX30	1
Signal converter, multi format, analog to digital	AJA	1
Microphone snake cable assy, 50', FM. XLR	Rapco SIG-12F-50	1
Interface Panels, A/V I/O	As needed	1
Sync generator	hotronic AG2-AD	1
MIC, WIRELESS, FREQ. AGILE, SYSTEM	ATW-1128	1
INSTALLATION/DOCUMENTATION/TRAINING		1

* 100% credit to be applied for upgrade to a higher system!- for example, SD to HD

Model Offered Model Offered:... **TURN-KEY SYSTEM AS SPECIFIED**

\$82,681.39

ITEM NO.	DESCRIPTION	PRICE
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17 **(15129) Multimedia Projector, 3 LCD, portable**

This is intended for use in classrooms, science labs, conference rooms etc. Front/Rear projection, 3,000 ANSI Lumens (Max)1,contrast ratio of 2000:1 (Full on/Full off), Native XGA (1024 x 768) resolution, with auto sync up to UXGA (1600 x 1200), Lens: standard with optical zoom ratio 1: 1.6x Manual Zoom Lens, Verical & Horiz. Kerning correction, Full connectivity supporting PC, S-video, composite video, component video via VGA and RS-232 connectors full range of television and video standards support, including NTSC, NTSC 4.43, PAL, PAL-N, PAL M, SECAM and HDTV (480i/P, 576i/P, 720P, 1080i), 16.7 Million true colors, extended lamp life (up to 6000 hours), Light weight>3 kg, all relevant cables, remote, hard carrying case. Power: AC power input socket, Computer Input: One VGA 15 pin D-sub, Computer Output: One VGA 15-pin D-sub, Video Input: One Composite Video RCA, one RGB/component and one S-Video RS232 Port, USB Port, Closed Captioning, Networked monitoring & control, message broadcasting, Minimum 3-years warranty, guarantee minimum downtime to less than 48 hours. Epson Powerlite 825 or latest equivalent

Model Offered: **Epson Powerlite 825**

\$699.00

18 **(17513) VIDEO PRODUCTION SWITCHER AND SPECIAL EFFECTS SYSTEM FOR TELEVISION STUDIOS**

This video production switcher is intended for small size TV studios as in ES/MS; 4 Input Audio Video Mixer - Composite, Y/C, with integrated color processor and audio mixer, dual channel time base corrector and frame synchronizer, Minimum 50 built-in digital effects with Store and recall transitions, Input and Output Connectors: Video In: x4 S-Video (Y/C), x4 Composite (BNC), x4 Component (BNC) Audio In x6 RCA L/R, Video Out: x1 S-Video (Y/C) , x1 Composite (BNC), x1 Component (BNC), x1 Black Burst (BNC), x4 Monitor (BNC) Audio Out: x2 RCA L/R, GPI x1, Includes: AC/DC Power Adapter, Power Cord, Carrying Case, GPI Cable, x2 S-Video (Y/C) Cable. Minimum 1 Year Parts & Labor Warranty required. Datavideo SE-800AV or latest equivalent Price is to include configuring, on-site installation, on-site service and warranty for three (3) years and 8 hours staff training.

Model Offered: **Datavideo SE-800AV**

\$2495.00

ITEM NO.	DESCRIPTION	PRICE
19	<p>(15155) EDITING CONSOLE FOR PRODUCTION/EDITING SYSTEM</p> <p>The console is intended for installation of video & audio equipment. 3-bay all in one editing console for use with the video production system, monitors, VCR Editing system; Shelves adjust for operator's comfort; Overall dimensions are 33 1/4"H x 72"W x 28"D; Console will be composed from the following components:</p> <ul style="list-style-type: none"> 1 ea. Winsted E4103 3-bay open console or latest equivalent 5 ea. 41583CR shelf or latest equivalent <p>VENDOR MUST FULLY ASSEMBLE CONSOLE AND PLACE IN AREA DESIGNATED.</p>	\$2023.38
Model Offered: Winsted E4103/ (5) 41583CR		
20	<p>(10835) LECTERN/PODIUM, TWO PIECE</p> <p>This is intended for use in conference rooms and small auditoriums. free standing, detachable top for use as a table top lectern provision for accessory storage in the bottom half, on floor glides with casters. Available in oak or walnut finish, One year warranty. Luxor LX-100 Two Piece Lectern or latest equivalent</p>	\$274.00
Model Offered: Luxor LX-100		
21	<p>(15139) HANDHELD MICROPHONE</p> <p>Omni directional dynamic type with 80 - 13K Hz response, impedance 150 ohms, to include: 25' cable, A3F connector, and 312A clamp. Electro-Voice Model 635A w/25' XLR cable or latest equivalent.</p>	\$92.95
Model Offered: Electro- Voice Model 635AB		
22	<p>(15149) PZM MICROPHONE</p> <p>Frequency response 20 - 18,000 HZ; 600 ohm impedance; 2,000 hour life with one AA battery; 16 feet of cable; 1/4" phone connector. Crown Sound Grabber 2 or latest equivalent</p>	\$52.00
Model Offered: Crown Sound Grabber 2		
23	<p>(15140) LAVALIERE MICROPHONE WITH 25' CABLE</p> <p>Miniature dynamic microphone; Omni directional pickup pattern; Lo Z; XLR-3-M connector; To include a 25' M to F XLR microphone extension cable. Shure SM11-CN W/Microphone Cable or latest equivalent</p>	\$83.75
Model Offered: Shure SM11-CN		

ITEM NO.	DESCRIPTION	PRICE
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24 **(15150) WIRELESS MICROPHONE SYSTEM RECEIVER**

True-diversity; dbx noise reduction; 10 channels; A/B channel LED indicator for diversity monitoring; Independent channel mute controls for the dual antennas; Power on/off LED; Volume control; External AC power supply; 12 VDC compatible; to include RM-1 rack-mount accessory; 30 Hz to 16 KHz ±3dB; -20 dBm volume adjustable, 0 dB max.; 5 K Ohms; Signal to noise better than 100 dB; 15dB/Microvolt = S/N 60 dB; 10.7 MHz IF; THD less than .5% at 1 KHz. To include the following:

BELT PACK TRANSMITTER:

Compact, streamlined body pack transmitter; Strategically located mute on/off switch; Power on/off switch located on side of unit; 6-pin input jack; Battery level indicator; Wire transmitter antenna; Easy-grip battery compartment lid; 174-216 MHz FM crystal controlled; 50 milli watts 50 Ohms; 300 foot range; 15 KHz modulation at -10 dBv input; 9 volt battery, approx. 5-6 hours; 4.3 oz; to include P-6 microphone connector with Shure SM-11 microphone installed. Samson SW4R00 Receiver, P-6 connector installed on a Shure SM-11 and CT3L Belt Pack Transmitter or latest equivalent.

Model Offered: **SHURE PGX 14/85**

\$349.59

25 **(15151) MICROPHONE/LINE MIXER**

This is intended for multiple audio source mixing as in video production, small scale events. 6 Mono balanced XLR microphone/ 1/4-inch line inputs; balanced 1/4-inch stereo line inputs; 2 Aux sends per channel; 3-bands of EQ on each input; 48-volt phantom power for condenser microphones; built-in power supply; 60mm log-taper faders; Outputs: Stereo XLR balanced switchable from +4dBu to microphone level, 1/4-inch balanced, 2 1/4-inch balanced auxiliary sends, 1/4-inch balanced stereo control room outputs, Stereo RCA tape outputs, Multi-input source matrix; 3-year parts and labor warranty. **Mackie 1402-VLZ PRO** or latest equivalent.

Model Offered: **Mackie 1402-VLZ3**

\$339.00

ITEM NO.	DESCRIPTION	PRICE
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26 **(15132) VIDEO VISUALIZER**

Digital/Video display, scan/ capture 3 D objects,, transparencies, slides, photo films & X-Rays. 5M pixel CMOS sensor with built-in light box, capable of displaying opaque, Full HD 1080p (1920x1080) output resolution Auto Focus, and auto Image, Continuous Capture, Networking, Annotation, Recording, Split-Screen, PIP, Interactive software with Annotation tool, Video & Audio recording, and Networking, Split Screen, Picture-in-Picture, Display Mode, Capture Mode, Flicker Filter Control, 160X Total Zoom with a minimum of 20 X Optical Zoom, SD card slot , On-Screen Display (OSD), Color/ B&W/ Negative/ Mirror/Freeze Functions. DVI-I Output, RGB Input/Output, S-Video, Composite Video Output, RS-232 Port, USB 2.0 Port, LED Light Source

Specifications:

Sensor : 1/2.5", color image sensor C MOS
 Total Pixels 5 Million
 RGB Output Resolution : Full HD 1080p (1920x1080)
 Light source: LED
 Lens : F3.5; f= 6~60mm; Auto Focus
 Zoom optical ; minimum X 20
 Image Adjust. (White Balance & Exposure & Night View)
 Lens: F3.5; f= 6~60mm; Auto Focus
 Focus : Auto/ Manual
 Electronic Image Rotation: 0°/ 90°/180°/270°/360°
 Split screen: Vertical & Horizontal
 Built-in Memory minimum: 50
 SD card slot
 Inputs: VGA(15-Pins D-sub, Pass Through)
 NTSC , S video (PC Camera/ Mass Storage
 Compatible Operating Systems: Windows®, Macintosh®

Accessories to be included:

Power Adapter & Cord
 VGA Cable
 S-Video Cable
 USB Cable
 RCA Cable
 Remote Control with Batteries
 User Manual
 Software for annotation tools
 Aver vision SPB 350 or latest equivalent

Model Offered: **Aver media SPB 350**

4984.00

ITEM NO.	DESCRIPTION	PRICE
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26 (16143) LIGHT KIT, LED

This is intended for location lighting needs in studio & remote video productions. Light weight. Low heat low power , LED lighting kit, each of the LED lights with 30 degree beam angle lens shock proof construction offering bright light in a small form factor operating on 12v DC or with the included AC adapter drawing >50 watts of electrical power causing virtually no heat radiation, built-in full continuous dimmer

Consisting of: 3 X 500 W Led light fixtures

3X 8' stands

Carrying bags

1 X Lighting DVD

AC adapter for each

Specifications: Size: 14"W/7.5"H/4.0"D

Weight: 6 lbs

Power Draw: 50 Watts

Hot Light Equivalent: 500 Watts

Voltage: 12v DC, 100-240v AC 50/60hz

CRI: >90

Color Temperature: 5400 +/- 5%

Mounting: Horizontal/Vertical 5/8"

500 LEDs - 500W Output

Ultra Bright 5400K LED's

Runs on 12v or 100-240 AC

Included 12v AC Adapter

Pro Quality 4 Pin XLR Power

Power consumption 50W

High CRI

Adjustable Output

Image west model KIT/LED-1500: 1500 Watt LED 3 Light Kit or latest equivalent.

Model Offered: **FLOLIGHT KIT/LED-1500**

\$1,350.00

28 (18045) PORTABLE HAND HELD DIGITAL STILL CAMERA, WITH ACCESSORIES

This is intended for digital still photography. 12.3 Megapixel, DX Format CMOS Sensor, 3" VGA LCD Display, Live View, Self-Cleaning Sensor, D-Movie Mode, High Sensitivity (ISO 3200), 4.5 fps Burst, In-Camera Image Editing, GPS geo-tagging, Includes: 4GB Professional SD Memory Card, camera bag, Battery Charger UC-E4 USB Cable, EG-D2 Audio/Video Cable, AN-DC1 Neck Strap, BM-10 LCD Monitor Cover, BF-1A Body Cap, DK-5 Eyepiece Cap, DK-21 Rubber Eyecup, BS-1 Accessory Shoe Cap, Nikon Software Suite CD-ROM, User Guides, 3 year warranty. **Nikon D90 12.3 MP Digital SLR Camera Body** or latest equivalent

Model Offered: **Nikon D90**

\$1,325.00

ITEM NO.	DESCRIPTION	PRICE
29	(18051) Bulletin Board/Messaging/Alert Digital Signage System	
	This device is intended for use in schools for displaying school related messages, notices, reminders, upcoming events, emergency alerts etc on TV Channel.	
	<p>Compact, stand-alone High-Performance, Low-Cost Video Graphics and Information, Alert System for Public-space Television, Video Displays, CATV and CCTV Surveillance Systems to create graphic and text pages using standard applications or supplied templates</p> <p>Squeeze and position live video window, including dynamic transitions</p> <p>Dynamic broadcast quality effects such as text pushes, fades and crawls</p> <p>Animated Text, Graphics and Logos using GIF, AVI, TGA,</p> <p>Multiple text and graphic zones may be independently sized and positioned</p> <p>Play audio WAV files with incoming audio page scheduling, including looping durations, specific day, date and time, Ethernet connectivity and remote accessibility, capable of external data interfaces for real-time data updates such as news, sports, and weather. Rack mounted.</p> <p>Chyron ChyTV-IP-N or Latest equivalent</p>	
	Model Offered: Chyron ChyTVPLUS-N/RACKMOUNT/CFRW	\$1,768.36
30	(18049) WALL MOUNT FOR FLAT PANEL DISPLAY	
	<p>Multi-configurable mount with a single arm, double arm articulating or near flush mount, ability to configure the mount into several different mounting styles. accommodate nearly every wall mount application, to hold most 10" - 21" LCD monitors, Accommodates monitors with 75 or 100mm VESA standards, Adjustable tilt -5 to +10 degrees, Mount rotates 240 degrees at monitor, 160 degrees at the wall, and 240 degrees at the elbow joint (double arm configuration) , Feed through wall plate with decorative cover, Load capacity 25 lbs. Total extension with both arms joined is 14.25". Luxor LLMSW - Universal LCD Monitor Wall Mount or latest equivalent</p>	
	Model Offered: Luxor LLMSW	\$42.50
31	(15157) TELEVISION WALL MOUNT WITH VCR SHELF	
	<p>Heavy gauge steel tube construction (16 gauge); Arc-welded joints; Triple-stud wall mounting; Steel stabilizer brackets; Swivel and tilt adjustments; Handles 19" to 31" diagonal TV; Video player mount and security locks included; 300 lb. load capacity. Assembly & Installation required!</p> <p>Advance WMY-2134 w/VP-2, TVM-LK and VP-LK or latest equivalent.</p>	
	Model Offered: Advance WMY-2128 w/VP-2	\$ 228.90

ITEM NO.	DESCRIPTION	PRICE
32	<p>(15141) TELEVISION WALL MOUNT (WITHOUT VCR MOUNT)</p> <p>Heavy gauge steel tube construction (16 gauge); Arc-welded joints; Triple-stud wall mounting; Steel stabilizer brackets; Swivel and tilt adjustments; Handles 19" to 31" diagonal TV; 300 lb. load capacity. Assembly & Installation required! Advance WMY-2134 w/TVM-LK or latest equivalent.</p> <p>Model Offered: LITE QLWO 228</p>	\$438.98
33	<p>(18489) HDTV/MONITOR, 52" MULTIMEDIA</p> <p>This is intended for use in classroom, science lab, auditorium, main lobby and indoor sport venues etc. (Note to end-user: Please remember to order appropriate wall/ceiling mount)</p> <p>General Specifications: Flat panel display LCD/Plasma, size 52" Full HD, with built-in ATSC & NTSC tuners, Composite, component, A/V, S-Video, HDMI, audio inputs, VGA, with PC Audio IN, Head phone out, built-in vertical speakers, Multiple aspect ratio selectable, Progressive scan, Closed caption, MTS support, PIP/Split Screen, 52" screen (measured diagonally) widescreen 16:9 aspect ratio built-in digital ATSC , QAM and analog NTSC, tuners 1920 x 1080 pixels (full HD), 5-millisecond pixel response time ,30,000:1 dynamic contrast ratio digital video processing ,built-in stereo speakers (10 watts x 2) A/V inputs, including: minimum 1 composite video,1 S-video ,2 component video (accepting signals up to 1080p), 3 HDMI ,PC input: analog RGB (D-Sub 15-pin) ,RF input for antenna/cable signals optical digital audio output, USB port, Wide Viewing Angle, Support for 480i, 480p, 720P, 1080i, V- Chip Parental Control, 2:2/3:2 Pull Down, detachable swivel stand , wall-mountable, remote control. Energy Star regulatory approvals, 3 Year warranty, 3 Year Parts and Labor w/ Onsite Coverage for 1st Year. Samsung 52" Series 5 LCD HDTV, Model LN52A550 or latest equivalent</p> <p>Model Offered: Samsung /MACK LN52B550 /1084</p>	\$1,797.78

ITEM NO.	DESCRIPTION	PRICE
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34 **HDTV/MONITOR, 65" MULTIMEDIA**

This is a very large Flat Panel display specially intended for use in large auditoriums, Lecture halls, main lobby and indoor sport venues, conference rooms etc. and as a replacement option for video projectors. (Note to end-user: Please remember to order appropriate Pedestal & mounting hardware). **Vendor is responsible for the complete installation!**

General Specifications:

Flat panel display LCD/Plasma, size 65" Full HD, with built-in ATSC & NTSC tuners, Composite, component, A/V, S-Video , HDMI, audio inputs, VGA, with PC Audio IN, Head phone out, built-in vertical speakers, Multiple aspect ratio selectable

Specifications:

Progressive scan, Closed caption, MTS support, PIP/Split Screen, 65" screen (measured diagonally)
widescreen 16:9 aspect ratio
built-in digital ATSC , QAM and analog NTSC, tuners
1920 x 1080 pixels (full HD) ,100,000:1 dynamic contrast ratio
digital video processing , Four built-in speakers (31 watts)
A/V inputs, including: minimum 1 composite video,1 S-video ,2 component video (accepting signals up to 1080p)
3 HDMI ,PC input: analog RGB (D-Sub 15-pin) ,RF input for antenna/cable signals
optical digital audio output, USB port
Wide Viewing Angle, Support for 480i, 480p, 720P, 1080i,
V- Chip Parental Control, 2:2/3:2 Pull Down,

Pro Setting Menu, Studio Reference Mode, 900 lines or more moving picture resolution
AR (Anti-Reflective) Filter screen coating, 4:3/Zoom/Full/Just/H-fill TV/AV aspect control,
4:3/Full for PC, 480 Hz Sub-field Drive,, Motion adaptive 3D-Y/C digital comb filter,
Deep Color/x.v. Color via HDMI, Digital Cinema Color, 3D Color Management,,
Motion pattern noise reduction, Sub Pixel Control, Pixel Shifter (anti-image retention)
SD/SDHC memory card slot/Gallery Player ready-to-view with AVCHD/MPEG2
Playback,capability-(H.264)
VIERA Cast IPTV capable with Ethernet port
Mini D-Sub 15-pin PC input, RS-232C port. Game Mode
Video Picture Memory, video input labeling, V-Chip program lockout,
Closed caption decoder
detachable swivel stand , wall-mountable, remote control
Energy Star regulatory approvals, 3 Year warranty,
3 Year Parts and Labor w/ Onsite Coverage for 1st Year.

Panasonic Viera TH-65PZ850U 65" Plasma TV or latest equivalent

Model Offered: **Panasonic Viera TH-65PZ850US**

\$4,287.00

ITEM NO.	DESCRIPTION	PRICE
35	<p>(18059) WALL MOUNT FOR LCD PANEL DISPLAY (Medium size)</p> <p>This is for mounting medium sized Flat Panel Displays to walls. Cantilever design, allowing large LCD's (30"-40") to store flat against wall or pullout via an articulating arm, Mount extends from wall and allows TV to be rotated. Max load - 80 lbs. , VESA 75/100/200 (200mm x 100mm) /400 (200mm x 200mm) compliant, Arm length: wall to hinge is 13.5"; hinge to TV is 8.5" ,Wall plate dimensions: 14.75" H X 1.75" W , Arm extends 25" from wall ,Depth of mount is 3.75" when retracted , 25 degree up/down tilt, controlled with tension screws. Note: provide suitable adapter plate for the specified LCD Screen OmniMount FP-CL - Large LCD Cantilever Mount or Latest equivalent</p>	
Model Offered: PEERLESS SA740P		
36	<p>(18041) TV WALL MOUNT, UNIVERSAL, CANTILEVER FOR LCD (LARGE SIZE)</p> <p>This is for mounting large Flat Panel Displays to walls. (Order mount to the specific LCD display size, make & Model) Note: Verify the part is suitable for the make and model</p> <p>VESA Compatible, Safely designed to be mounted in public places, Made of durable materials such as steel and anodized aluminum alloys. Strong enough to support the specified weight of the FDD with sufficient 'margin of safety', support minimum 148 lbs. mounting supports too be finished finished with a strong, smooth and environment-friendly ABS or polyamide (PA) epoxy coating. compliant with the TUV/GS quality standards, which include product exposure to three times the admissible load for consumer products and up to five times the admissible load for products in the professional range, three pivoting points, Universal adapter with auto lock system, suitable for Screen size range: 40-65 inches with fittings, decorative caps, installation instructions and a unique five-year guarantee. Vogels Evolution Series Triple Pivot Plasma/LCD Wall Mount (Vesa) EFW-2010 or latest equivalent</p>	
Model Offered: PEERLESS SA770PU		

ITEM NO.	DESCRIPTION	PRICE
37	MOBILE CART FOR LCD DISPLAY, 60" HEIGHT This is intended for mounting Flat Panel Displays in a mobile environment. Q-Latch Mounting System, pitch adjustable mobile cart with total lock casters to prevent accidental movement of the screen. Height adjustable, allows installation in landscape/portrait views, Height adjustable ,Pitch adjustment 5° up & 15° down, Four 4" swivel casters , Two with total-lock brakes, Two 2" diameter chrome posts , Allows 2° roll adjustment right & left for screen leveling Optional Accessory shelves, One 13" x 13" swivel shelf , 18" x 22" attaches to both posts, tilt wall mount, Requires all items needed for safe mounting and portability of the FDD. Chief's PTC-CART Mobile Cart or latest equivalent. Model Offered: Chief's PTC 2041	\$464.00
38	MOBILE CART FOR LCD DISPLAY – 60" HEIGHT Modular design, lightweight, collapsible design to meet a wide range of applications and support weight up to 200 lbs. telescoping height-adjustment mechanism, integrated cable management, Telescoping display height adjustment (4 ft - 6 ft), Smooth rolling casters (2 locking casters), Integrated cable management pathways, Centris™ mechanism for fingertip tilt adjustments. Lightweight aluminum construction, Must supports portrait/landscape display orientation, facility to rotate without removing the screen, facility to support up to three optional adjustable-height shelves, Weight capacity: 200 lbs . Includes custom Chief Manufacturing PSB Custom Interface Bracket Kit for Panasonic Viera TH-65PZ850U 65" Plasma TV. Chief PFC-2000 Flat Panel Display Mobile Cart or latest equivalent Model Offered: CHIEF PFC-2000B	\$494.00
39	(19090) AV PRESENTATION CART This mobile cart may be used to place video projector for presentation in locations. AV Presentation Cart , Height adjustable from 14 inches to 39 1/2 inches 3 sturdy 18"W adjustable, heavy-duty 3" casters (at least 2 locking), Grommets to keep cords managed between Shelves, Top shelf to hold projector measuring a minimum 8"W x 16"D; lap top shelf size 18"W x 14"D, bottom shelf - 18"W x 18"D. Balt AV Cart with Adjustable Height Shelf or latest equivalent Assembly required by Vendor. Model Offered: BALT 89759	\$202.23

ITEM NO.	DESCRIPTION	PRICE
40	<p>(18046) SCAN CONVERTER</p> <p>This item is intended for converting computer signals in to video and to interface to the video production switcher. PC-to-TV video scan converter, supporting resolutions of up to 1600x1280, in 24-bit color, both Mac and PC compatible, supporting NTSC, PAL, and SCART outputs, complete with a remote for pan, zoom, sharpness, highlight, spotlight, and pointer capabilities. TView Gold or latest equivalent</p> <p>Model Offered: TVIEW GOLD 4448600LF</p>	\$78.55
41	<p>(18035) CHROMAKEY BACKDROP</p> <p>This is intended for use in TV studio as a chroma key background Green Screen Chrom Key 10'x12' with LastoLite's Background Supports #314. LastoLite LC5781 or latest equivalent</p> <p>Model Offered: BOGEN LLLC5781</p>	\$130.00
42	<p>(19083) A/V CART</p> <p>This cart may be used in classrooms to install A/V items of equipment. A/V cart, wooden presentation center with locking storage for AV equipment and supplies, Equipped with convenient roll bar and two 5" casters for portability. Retractable shelf for use with laptop and presentation materials. Includes 2 shelves, middle shelf adjusts up or down 3" in three positions. Storage drawer 17-1/4"W x 11"D x 8"H. 23-1/2"W x 17"D x 41-1/2" H over all. Shipping wt: 78 lbs; Mobile Media Center, Model No. Y3666 or latest equivalent</p> <p>Model Offered: BALT 89768</p>	\$266.97
43	<p>(17450) TELEPROMPTER SYSTEM</p> <p>This device is intended for prompting talents and is used in TV Studio Production. Teleprompter, LCD, 11", with mounting accessories and software DV-9 7.2" Active Matrix LCD Color Display, DV-11 9.0" Active Matrix LCD Color Display, Composite RCA input 12V power, AC adapter, Flips image horizontally and vertically Two video inputs, one mono audio input ,Wireless remote control, 16:9, 4:3 under scan, over scan selectable. PC teleprompter software , Designed for 1 & 3 chip MiniDV included, LCD monitor reverses text, Composite Video Input wireless support, 4:3 or 16:9 monitor, pending mirror assembly with 60/40 beam splitter, accepting any text file from all popular word processing packages including Microsoft Word. Scroll control by the mouse or the optional wireless controller. DV-11 Prompter or latest equivalent</p> <p>Model Offered: PROMPTER FLEX-11</p>	\$1,020.00

ITEM NO.	DESCRIPTION	PRICE
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44 **(18060) DISK RECORDER**

This device is intended for multi track recording and playback in Music/Instrument music rooms. Digital Multitrack Recorder, 8 track simultaneous recording/16 track Playback digital workstation fully functional control surfaces with integrated hard drive and high-speed on-board CD burner to record , upload tracks to computer, 8-track of simultaneous recording with 160 V-takes & 16-track of playback 8 balanced XLR-1/4 inch phone combo inputs with phantom power 16-bit/44.1 kHz linear PCM recording in WAV format, Over 100 effects for guitar/bass/vocal recording, mixing, and mastering Drum/Bass machine with touch-sensitive pads and 500 drum sounds, Built-in CD-R/RW drive and 80 GB HD, Control Surface function for DAW software, Bundled with Steinberg Cubase LE, Sampler function lets you add original drum sounds to Drum Kit, Expanded sampling memory to 60 seconds, Built-in USB 2.0 interface, Meter-bridge features easily viewable 5-segment LED level meters Zoom HD16CD Multi track Recording package or latest equivalent

Model Offered: **No Award**

45 **(18061) MULTI TRACK DVD RECORDER/MIXER FOR HS**

This is intended for multi track recording for music recording applications 16-track digital recording, high speed CD burning, software enhancements, featuring a total of 16 tracks plus 8 virtual tracks. 40GB internal HD, non-destructive editing with waveform display and zoom feature for precise waveform editing, digital mixing, minimum 3-band EQ with parametric mid and high on all 16 channels, master EQ, channel and master compressors, eight mic inputs (two with XLR, insert and phantom power), ADAT optical I/O, minimum two effect sends and two aux sends per channel (switchable pre/post), and Scene Memory, at least two multi-effect DSPs, Internal CD-R/RW drive. Fader Pairing allowing channels be paired or ganged in stereo sets , Channel Solo, BPM Delay, Internal E-IDE 3.5 in. hard disk recording medium, Recording format: FDMS-3 (Fostex Disk Management System-3 ver. 1), Sampling frequency: 44.1kHz, Quantization: 16bit linear (non compressed), ADC: 20bit 64-time over sampling Delta/Sigma, DAC: 24bit 128-time over sampling Delta/Sigma Frequency response: 20Hz – 20kHz, Dynamic range: 88dB or more T.H.D: 0.01% (typical), Crosstalk: 60dB or more @1kHz Latest equivalentizer: - 400Hz +/- 18dB (Shelving) 500Hz – 20.2kHz +/-18dB (Parametric) 500Hz – 20.2kHz +/-18dB (Parametric, Shelving) Inputs Level: -50dBV (mic) - +2dBV (line), variable -Impedance : 50k ohm or more Insert x 2, Monitor Out (L, R), Headphone, AUX Send (1/2): Stereo Out (L, R), Footswitch, Digital In/Out , MIDI: In/Out.

Fostex VF160EX Multitrack Digital Recorder with CD Burner and Effects and Carry Bag Or Latest equivalent.

Model Offered: **Fostex VF160EX**

\$471.00

ITEM NO.	DESCRIPTION	PRICE
46	(18054) CHARACTER GENERATOR, TV STUDIO Production This is used for basic titling applications for TV productions. Stand alone, Titler and character generator display, insert text over video, display titles, lower third, crawl, roll, etc internally generated colour backgrounds and superimpose over any external NTSC video source. For live& post video production applications, Different font & text color selections, text positioning, editing functions required. To include: All required software Character Generator AT101 Computer Keyboard (KB) Two 6 Ft BNC RCA Cables (BNC RCA) Standard Power Cable (SPC#1) Owners Manual (VM-OM) 90 days phone support One Year Warrant Video Messenger model VM-3 or Latest equivalent	
	Model Offered: COPIX COM LCG5000D	\$4170.00
47	(18048) MICROPHONE Mic, hand-held, dynamic, Cardioid (unidirectional) dynamic, Frequency response: 40 to 15,000 Hz, 3-pin professional audio connector (male XLR type) With accessories Swivel Adapter, 25' Mic cable, Storage Bag. Shure SM57 Cardioid Dynamic Microphone or latest equivalent	
	Model Offered: SHURE SM57	\$81.75
48	(15121) DVD PLAYER Progressive scan DVD, DivX playback: compatible with CD, CD-R/CD-RW, Video CD/SVCD, DVD, DivX, DVD+R/+RW, DVD-R/-RW DivX, DivX Ultra Video & CD, MP3-CD, MP3-DVD, CD-R/RW, WMA-CD-R/W formats. 12-bit video processing, 24-bit ,192KHz sampling resolution, Composite, A/VComponentVideo, HDMI ,Digital Coaxial One year warranty. Philips DVP5960 or latest equivalent	
	Model Offered: SONY DVPN 5710H/B	\$63.70

ITEM NO.	DESCRIPTION	PRICE
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49 **(17413) VIDEO ADAPTER KIT**

This is for interfacing different types of Video connectors.
Containing items including but not limited to the below listed popular video interfaces and adapters

- 3) BNC Plug to UHF Jack
- 1) Phono Jack to Jack (Barrel)
- 3) BNC Jack to UHF Plug
- 4) Phono Plug to BNC Jack
- 2) BNC Jack, Plug, Jack (T)
- 1) Phono Plug to UHF Jack
- 2) BNC Jack to Jack (Barrel)
- 1) Phono Plug to 'F' Jack
- 2) 'F' Jack to Jack Barrel
- 4) Phono Jack to BNC Plug
- 2) BNC 75 1/2 Terminator
- 1) Phono Jack to UHF Plug
- 1) BNC Jack, Jack, Jack (T)
- 1) Phono Jack to 'F' Plug
- 1) BNC Plug to Plug, Barrel
- 1) 'F' 75 1/2 Terminator
- 1) BNC Jack to Plug (Rt. Angle)
- 1) S-VHS Female Barrel

Model Offered: **COMPREHENSIVE VDAP-1**

\$58.73

50 **(17472) AUDIO ADAPTER KIT**

This is for interfacing different types of audio connectors.
Containing items including but not limited to the below listed popular audio interfaces and adapters

- 3) 3.5mm Mini Male to RCA Phono Female
- 2) 1/4" Standard Phone Female to Female (Barrel)
- 3) 3.5mm Mini Male to Standard Phone Female
- 1) RCA Phono Male to 3 Pin XLR Female
- 3) RCA Phono Male to Mini Female
- 1) 1/4" Standard Phone Male to 3 Pin XLR Female
- 3) RCA Phono Female to Female, Barrel
- 1) 3 Pin XLR Male to RCA Phono Female
- 2) RCA Phono Male to 1/4" Standard Phone Female
- 1) 3 Pin XLR Male to 1/4" Standard Phone Female
- 2) 3.5mm Mini Female to Female, Barrel
- 1) 3 Pin XLR Male to Male, Barrel
- 2) 1/4" Standard Phone Male to RCA Phono Female
- 1) 3 Pin XLR Female to Female, Barrel
- 2) 1/4" Standard Phone Male to 3.5mm Mini Female
- 1) Firewire 4 pin to 6 pin
- 1) Firewire 6 pin to 6 pin

Model Offered: **COMPREHENSIVE ADAP-1**

\$58.73

ITEM NO.	DESCRIPTION	PRICE
51	<p>(15142) SCREEN - TRIPOD – LENTICULAR 70" x 70" flat white surface, mildew and flame proof, tensioning device, spring roller, adjustable height, and metal case. Bretford 3770 or latest equivalent.</p>	
	Model Offered: DALITE VERSATOL 70 X70 M/W	\$84.10
52	<p>(15152) SCREEN - GLASS BEADED 9' x 12', spring roller wall and ceiling type enclosed in a rigid metal case with brackets. Flame and mildew resistant. No border. Draper Luma 2 or latest equivalent.</p>	
	Model Offered: DRAPER LUMA 206037	\$528.00
53	<p>(15143) SCREEN - WALL TYPE (CLASSROOM) 96" x 96" matte white surface, mildew and flame proof, spring roller, with safety roller lock enclosed in metal case. Dalite or latest equivalent.</p>	
	Model Offered: DALITE B 96 X 96N/W	\$118.94
54	<p>(15144) PORTABLE CASSETTE RECORDER/PLAYER WITH LISTENING CENTER Unit must have permanently attached 3 wire power cord with storage compartment, power output of 10 watts, must contain 6 headphone jacks each 1/4 inch monaural type, must have built-in condenser microphone as well as 1/4 inch input jack for external microphone, auxiliary input and speaker output. Califone 5270AV w/4805A hand held microphone or latest equivalent.</p>	
	Model Offered: CALIFONE 1208AV/PY	\$73.94
55	<p>(15154) LISTENING POST (JACK BOXES) Must contain eight (8) 1/4" standard phone jacks for headsets, and one (1) 1/4" standard phone jack for connecting additional listening posts. Box must be made of plastic and measure 3-3/4" x 6-1/4" x 2". <u>With coiled cord. Permanently attached.</u> UL Approved. Avedex or latest equivalent</p>	
	Model Offered: CALIFONE AV/PY	\$6.33

ITEM NO.	DESCRIPTION	PRICE
56	(17410) COMBO CASSETTE RECORDER AND CD PLAYER This is mainly intended for use in auditorium, TV studio and other professional applications. Professional CD/cassette player, MP3 playback from CD capability, Individual outputs for CD, cassette, and CD plus cassette, Fader start on both CD and cassette decks, Pitch control, Single-track play possibility, Auto cue after track selection Digital SPDIF cinch output, Dolby B/C and HX-pro noise reduction Automatic and manual record level, 2 microphone inputs, Digital tape counter with memory, Quick reverse with optical sensing, Professional control buttons, 6.3mm headphone output with source selector, CD synchro recording and dubbing, CD dubbing searches for CD peak level and automatically adjusts record level, Continuous rec/play via cascading connection, One Year Warranty. Marantz PMD351 CD & Cassette Combo Deck or latest equivalent Model Offered; DENON DN-T625	\$399.00
57	(18487) COMBO CASSETTE RECORDER & CD PLAYER This is mainly intended for use in classroom audio playback Applications, Combo CD Player/Audio Tape Recorder/Player , 7Watts RMS (T.H.D. 10%) speaker amplifier , 1/4" stereo phone jacks x 5, Aux input (mini x Records audio tapes directly from CD's. Vibration & skip resistance CD deck. Left & right balance control. Built-in Listening Center with 5 headset jacks. Audio Deck: Record, play, review, cue/fast forward, pause, stop, eject. CD Deck: Play, stop/clear, skip. Automatic Record level control (ALC), built in Speaker & Headphone jacks. Specifications: Amplifier : 7 Watts RMS (per channel), (D.H.T. 5%) Frequency Response: 125Hz ~ 8KHz Signal To Noise Ratio: 45 dB Eiki7070ACDPlayer&Tape Player/Recorder or latest equivalent Model Offered: EIKI 8080	\$214.95
58	(15147) 27" LAMINATOR 25 to 27" laminating width; Pre-set 5.5'/minute speed and pressure; Spring loaded adjustable tension on laminating and pull rollers; Adjustable tension on both upper and lower supply rolls; External thermometer; Accommodation for 1000' rolls (.0015" plastic); Adjustable feed guides; Teflon coated heat shoes; Separate heat shoe and heating element; Adjustable temperature; Constant heat recovery; Maximum temperature stop; Manual; Heavy-duty chain and sprocket drive; Interchangeable laminating and pull rollers made of top-grade silicone rubber; Serrated edge for trimming; 15" x 32" x 20"; 63 lb.; 2300 watts. One Year Warranty. Dry-Lan Model 25 or latest equivalent Model Offered: DRY-LAN 25	\$998.95

ITEM NO.	DESCRIPTION	PRICE
59	<p>(15111) DVC PRO VIDEOCASSETTE STUDIO 64 MINUTE – Large size, 64 minute DVC Pro videocassette. Panasonic AJ-P64L or latest equivalent.</p> <p>Model Offered: Panasonic AJ-P64L</p>	\$13.33
60	<p>(15112) DVC PRO VIDEOCASSETTE STUDIO 126 MINUTE – Large size, 126 minute DVC Pro videocassette. Panasonic AJ-P126L or latest equivalent.</p> <p>Model Offered: Panasonic AJ-P126L</p>	\$22.14
61	<p>(15133) DVC PRO VIDEOCASSETTE CAMRECORDER 66 MINUTE - Medium Medium size 66 minute DVC Pro videocassette. Fuji DVC PRO 66M or latest equivalent.</p> <p>Model Offered: Panasonic PA-AJP66M</p>	\$11.10
62	<p>(15114) DVC PRO VIDEOCASSETTE CLEANING TAPE LARGE SIZE - DVC Pro head cleaning videocassette. Panasonic AJ-CL12L or latest equivalent.</p> <p>Model Offered: Panasonic PA-AJCL 12LP</p>	\$26.61
63	<p>(15115) DVC PRO VIDEOCASSETTE CLEANING TAPE MEDIUM SIZE - DVC Pro head cleaning videocassette. Panasonic AJ-CL12M or latest equivalent.</p> <p>Model Offered: Panasonic PA-AJCL 12LM</p>	\$15.62
64	<p>(15116) S-VHS VIDEOTAPE, 182 MINUTE. 182 minute S-VHS, back coated, broadcast quality videocassette. Maxell ST-182BQ or latest equivalent.</p> <p>Model Offered: NO AWARD</p>	
65	<p>(15117) S-VHS VIDEOTAPE, 126 MINUTE. 126-minute S-VHS, back coated, broadcast quality videocassette. Maxell ST-126BQ or latest equivalent.</p> <p>Model Offered: JVC JC-ST 126BQ</p>	\$4.41

ITEM NO.	DESCRIPTION	PRICE
66	<p>(15118) MINI DV VIDEOTAPE, 63 MINUTE. 63-minute MiniDV videotape cassette, back coated, broadcast quality videocassette. Panasonic DVM63 or latest equivalent.</p>	\$2.60
Model Offered: MAXELL MX-ST126BQ		
67	<p>(15119) DV VIDEO CASSETTE VIDEOTAPE, 124 MINUTE 124-minute DV digital videocassette, back coated, broadcast quality videocassette. Panasonic AY-DV124MQ or latest equivalent.</p>	\$11.47
Model Offered: Panasonic PA-AYHDV124MQ		
68	<p>CONSUMER DV MINI PLASTIC CASE, 60 MINUTE. Linear Plus technology. featuringDiamond-like, carbon-coated thin film for durability and reduced tape friction. Panasonic AYDVM60 or latest equivalent</p>	\$1.63
Model Offered:		
69	<p>(17469) PERSONAL STEREO AUDIO HEADPHONES</p> <p>Stereo headphones for use with audio components. Lightweight, adjustable headband for comfort of any student k-12. Replaceable foam ear cushions that keep unit comfortable and easy to clean. Two meter cord with 1/8" plug and a 1/4" adapter. Unit should include a re-closeable bag that when sealed kills lice in 24-48 hours without the use of chemicals and also gives students a place to write their names. Hamilton Electronics model HA2/MS-2F as above or latest equivalent</p>	\$4.89
Model Offered: HAMILTON HA2		
70	<p>(18056) PERSONAL AUDIO STEREO HEADPHONE CLASS/LAB PACK (24 per kit)</p> <p>Class/Lab pack includes 24 headphones with re-closeable bags, and a durable lockable carrying case capable of holding thirty-four headphones. Stereo headphones for use with audio components. Lightweight, adjustable headband for comfort of any student k-12. Replaceable foam ear cushions that keep unit comfortable and easy to clean. Two meter cord with 1/8" plug and a 1/4" adapter. Unit should include a re-closeable bag that when sealed kills lice in 24-48 hours without the use of chemicals and also gives students a place to write their names. Hamilton Electronics model LCP/24/HA2 or latest equivalent</p>	\$92.99
Model Offered: HAMILTON LCP-24-HA2		

ITEM NO.	DESCRIPTION	PRICE
71	<p>(18057) PERSONAL AUDIO STEREO HEADPHONE REFRESH KIT Refresh kit for Hamilton Eklectronics model HA2/MS-2f Headphones, Kit includes a new re-closeable storage bag and a pair of new ear cushions. Hamilton Electronics #5076 or latest equivalent</p> <p>Model Offered: HAMILTON 5076</p>	\$4.92
72	<p>PROFESSIONAL TELEVISION LIGHTING KIT This item is intended for lighting needs in remote production. Portable television light kit consists of (3) 1-lamp fixtures with 55 watt high frequency ballasts, (3) light stands, assorted gel frames and control screens and one set each of 3200K and 5600K lamps. The equipment is packaged within a soft-sided case that has a pop-up handle and casters for pull behind transport. Must include three p/n 016-117-P pipe clamp mounts (not normal component of the kit). Brightline model SK1.1N-3 light kit. <u>No substitutions accepted.</u></p> <p>Model Offered: NO AWARD</p>	
73	<p>(15131) OVERHEAD PROJECTOR 120V single phase, ENX projection lamp, 4300 lumens light output, lamp changer; aperture to be 10" x 10" with a 12.5" projection lens. Closed head. Unit must contain overheating cut-off device and built in safety interlock switch; power cord to be no less than 15 feet long; angle adjustment for head to be 30 degrees or more. Closed size and weight to be no more than 13" wide, 18.5 " long, 8" high and 14 lb. Unit to include side brackets and roll. 3M 1825 or latest equivalent.</p> <p>Model Offered: 3M1825+HAS 772/ROLL</p>	\$165.98

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
74	<p>A/V RECEIVER, 7.1 CHANNEL SURROUND SOUND This is intended for use in auditorium, multi-purpose halls, large avenue. It may be used to integrate all sources and to connect a high quality output to large Flat Panel Display or projector.</p> <p>Audio Impedance: 8 Ohm Channel Power Rating: 120 Watts X 7 Amplifier Power (8 ohms, 1Khz, 0.7% THD) Sound Fields: Cinema - 4; Music - 8; Auto Format Decoding - 12; 2 Channel - 1 Zones: 2 Zone/2 Room Tuner Type: Auto Tuning, Direct Tuning, Station Name, Presets 30/30/30 (XM/FM/AM) Digital Cinema Sound Technology Dolby Digital Decoding - Dolby Pro LogicII Decoding dts 96/24 Decoding - dts NEO:6 Decoding Dolby Digital EX Decoding Dolby Pro Logic IIX Decoding Amplification Relocation Dolby Pro Logic Decoding dts-ES Decoding Convenience AM/FM Memory Presets: 30 FM - 30 AM XM Connect and Play Compatible - XM Memory Presets: 30 Sound Fields A/B Speaker Switch: A / B / A+B On Screen Display Digital Cinema Auto Calibration (Mic- Mono) HDMI Technology: Intelligent A/V Selector Inputs and Outputs S-Video Input(s): 4 (1 Front, 3 Rear) - S-Video Output(s): 1 (Rear) Composite Video Input(s): 5 (1 Front, 4 Rear) Composite Video Output(s): 3 (Rear-1 Monitor Output, 2 Video Outputs) Optical Audio Input(s): 4 (1 Front, 3 Rear) Optical Audio Output(s): 1 (Rear) Coaxial Audio Digital Input(s): 3 (Rear) RCA Audio Input(s): 4 RCA Audio Output(s): 2 Multi-Channel Input(s): 1 (Rear, 7.1 Channel) Subwoofer Output(s): 1 (Rear) AC Outlet: 2 (Rear) Switched Antenna Terminal (AM Loop): 1 (Rear) Antenna Terminal (FM 75 Ohm): 1 (Rear) Headphone Output(s) (Front- Gold) Speaker Terminal Type: Screw Binding Posts (A & B) HD Component Video Input(s): 2 (Rear) HD Component Video Output(s): 1 (Rear) HDMI Connection Input(s): 2 (Rear) HDMI Connection Output(s): 1 (Rear) Repeater Minimum One Year Warranty Sony STR-DG1000 or latest equivalent Model Offered: Sony STR-DN1000</p>			\$324.95

ITEM NO.	DESCRIPTION	PRICE
75	<p>LOUDSPEAKER, WALL MOUNT</p> <p>This is intended to be used with the A/V Receivers or for any sound applications. 150W, 4-WAY, Wall-Mount, 8ohm, magnetically shielded, 55Hz-40kHz frequency range. 700Hz, 4kHz, 20kHz cross over Frequency, Warranty minimum of 5 Year Parts & Labor. JBL LC2 Studio L Series 4-Way Dual 6" 150-Watts or latest equivalent</p> <p>Model Offered: JBL LC2H</p>	\$260.00
76	<p>(18041) DTE RECORDER</p> <p>This is intended for use with DV and HDV handheld cameras to record directly in to a digital NLE format. Support formats to include:</p> <ul style="list-style-type: none"> AVI Type 1 AVI Type 2 AVI Type 2 24p Canopus AVI Matrox AVI QuickTime QuickTime 24p RawDV 720p/1080i (.m2t) <p>Firestore FS-4HD Portable High Definition 40GB or latest equivalent</p> <p>Model Offered: Firestore FS-4HD 80</p>	\$869.01
77	<p>(17407) PORTABLE HANDHELD DV CAMCORDER FOR ELEMENTARY SCHOOLS</p> <p>1/6" 680,000 Pixels, 32x Optical, .7" Wide LCD monitor, Optical Image Stabilization, Digital effects, Zoom Mic, Link IEEE1394: - x1, A/V: - x1, USB, Item shall include LI Battery pack, battery adapter/charger, camera bag. 1 Year Warranty.</p> <p>Panasonic PV-GS80 or latest equivalent</p> <p>Model Offered: PANASONIC PV-GS90</p>	\$195.00

ITEM NO.	DESCRIPTION	PRICE
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78 **PORTABLE HD CAMCORDER**

This item is a handheld camcorder/digital camera combo which may be used for recording events and programs in remote locations. AVC HD, 1/4" CCD x 3, 560K Pixels x 3, Leica Dicomar, F= 1.8-2.8, 12 X Zoom Optical Image Stabilizer, Stereo 5ECM 5.1ch Surround Sound, Focus, Aperture, Shutter Speed, White Balance, Records to SD/SDHC, 2.1 MEGA: 1920 x 1080 (16:9) still, Microphone IN USB2.0,HDMI, Composite, Component Video outs, Item shall include:

- 4GB SDHC Card
- IR Remote
- A/C Adapter & Cable
- DC Cable
- LI Battery Pack, Battery Charger
- USB
- A/V Cables
- Component video cables, Camera bag
- Operations Manual
- One Year Warranty

Panasonic HDC-SD1 or latest equivalent

Model Offered: **PANASONIC HDC-SD20**

\$494.45

79 **HDTV TUNER, DESKTOP**

This item is intended for tuning HDTV signals. Capable to: Decode all 18 ATSC formats; User selectable output resolution; fully digital HDMI with HDCP connectivity direct channel access and automatic channel scanning; A/V I/O; HDMI Type A; RGB; S-Video (1) Component Video YPbPr; Composite Video; Selectable Resolution Output (1080i, 720p,480/i); S/PDIF (Dolby Digital Audio) Optical; Stereo Audio; Include remote; One year warranty. **Humax HFA100 (HFA100)** or latest equivalent

Model Offered: **No award**

ITEM NO.	DESCRIPTION	PRICE
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80 **(17453) MONITOR, LCD, 10"**

This is intended for video signal display & monitoring applications.

Includes:

- 10.2" Widescreen TFT LCD Color Display
- Dual ATSC/NTSC [Tuner](#) for Digital and Standard TV broadcast reception
- Accepts [DTV](#) signals up to 1080i
- AV Input Jacks for use with media players, DVR/VCRs, video games, and more
- 15-pin [VGA Interface](#) for use with Computer Systems
- Full-range [Stereo](#) speakers (6W)
- Digital [Comb Filter](#) and noise reduction
- [V-Chip](#) parental control, Closed-Caption, and Electronic [Program](#) Guide support
- Multi-language on-screen display
- Wall-mountable design (VESA 75mm x 75mm)
- Display Resolution: 800 x 480
- Contrast Ratio: 400:1
- Brightness: 300 cd/m²
- [Pixel](#) Response: 30 ms
- DTV Input Format: 480i, 480p, 720p, 1080i
- Video System: ATSC/QAM/NTSC
- Menu Language Support: English, Spanish, French
- Additional Functions: [MTS](#) (Stereo/SAP/Mono); Sleep Timer
- [Audio](#) Input: RCA Composite Audio; 3.5mm Audio
- Audio Output: [Integrated](#) Stereo Speakers (6W); 3.5mm Headphone
- Video Input: Coaxial Antenna; RCA Composite Video; 15-pin [PC](#) VGA
- Power: Main Unit: AC 100-240V; Remote: 2 x 1.5V "AAA"
- Unit Dimension (WHD): 12.21" x 12.19" x 5.24"
- AV Cable
- Remote Control
- 2 x 1.5V "AAA" Batteries
- 100-240V UL

PRODUCT SPECIFICATIONS

- Screen Size (Inches/Diagonal) 10"
- HDTV Capable
- Screen Format : 16:9 Widescreen TV Imaging
- Audio Inputs X 2
- Video Inputs X 3
- Screen Resolution - Maximum 800x480
- Contrast Ratio : 400:1
- Response Time (Milliseconds) : 30
- Speakers Built-in

Coby TF-TV1022 10.2" Widescreen LCD Digital TV/Monitor or latest equivalent

Model Offered: **Coby TF-TV1022**

\$137.95

ITEM NO.	DESCRIPTION	PRICE
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81 **CAMCORDER, MULTI-FORMAT, DIGITAL, HD**

3 X -1/3 in 235K pixels CCD, 3 Lux sensitivity, Mini DV & Solid-State, Memory Card, HD Format Camcorder, PCM Stereo, 3.5 in. Color Viewfinder LCD, 13 X Optical Zoom, Optical Image Stabilizer, IEEE 1394 and USB 2.0 beyond all other A/V connectivity I/O: S-Video, Composite (Video) , Audio (RCA) , Headphones Jack, FireWire / DV / iLink, IEEE 1394 and USB 2.0. To include: Software, A/V Cable, Shoulder Strap, 2 Hour Lithium Rechargeable Battery Battery Charger, AC Power Adapter, Remote Control, Camcorder ,UV Filter, Deluxe Camcorder Case, Deluxe Lens Care and Maintenance Package, Screen LCD Protectors, Mini DV Head Cleaner, One Year Warranty.
Panasonic AG-HVX200 HD or Latest equivalent

Model Offered: **PANASONIC AG-HVX200A**

\$5,195.00

82 **NLE EDITING, TURN-KEY SYSTEM, FINAL CUT PRO**

This is intended for post production editing of programs taped in the TV Studio in Final cut format. The suite will also be used for teaching Television classes and training students.

The vendor shall provide all system components including cables, hardware, software in required quantities to form a complete, functional Non Linear Editing system but not limited to the items listed below.

Apple - Mac Pro Two 2.66GHz Dual-Core Intel Xeon, 1GB, 250GB, 7300 GT, No BT or AP
 Apple - Mac Pro Two 2.66GHz Dual-Core Intel Xeon, 1GB, 250GB, 7300 GT Specifications
 Two 2.66GHz Dual-Core Intel Xeon 1GB (2 x 512MB) 250GB 7200-rpm Serial ATA 3Gb/s
 NVIDIA GeForce 7300 GT 256MB (single-link DVI/dual-link DVI)One 16x SuperDrive
 Apple Keyboard and Mighty Mouse - U.S. English Mac OS X - U.S. English

Apple Cinema Display 23" Flat Panel
 Apple Aluminum Cinema Display 23" Flat Panel

Apple Final Cut Studio 2
 Apple Final Cut Studio 2 (Retail SKU) - With six applications, Final Cut Pro 6 for video and film editing, Motion 3 for graphics and animation in 3D, Soundtrack Pro 2 for professional audio post-production, Color Compressor 3 and DVD Studio Pro 4 for digital delivery

Model Offered: **NO AWARD**

ITEM NO.	DESCRIPTION	PRICE
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83 **NON LINEAR EDITING, TURN-KEY SYSTEM- AVID**

This is intended for post production editing of programs taped in the TV Studio in Final cut format. The suite will also be used for teaching Television classes and training students.

The vendor shall provide all system components including cables, hardware, software in required quantities to form a complete, functional Non Linear Editing system but not limited to the items listed below.

- HP Workstation xw8400
- 2.66 GHz (or faster) Dual Dual-Core Xeon
- NVidia Quadro FX1500
- Cache Memory
- 4 MB L2 cache
- Cache Per Processor
- 4 MB (2 x 2 MB)
- RAM
- 2 GB (installed) / 32 GB (max) - DDR II SDRAM - ECC - 667 MHz - PC2-5300
- Storage Controller
- RAID (Serial ATA-300) ; RAID (Serial Attached SCSI)
- Hard Drive
- 1 x 160 GB - standard - Serial ATA-300
- Optical Storage
- DVD±RW (+R DL) with LightScribe Technology
- Monitor
- 22" Widescreen TFT LCD Monitor
- 1000:1 Contrast Ratio ,500 cd/m2 brightness 1680 x 1050 resolution ,
- 5 ms response time, DVI-I & VGA inputs, Integrated speakers
- X@GEN MW22U or latest equivalent
- Software
- Avid Xpress® Pro
- Compatible with Microsoft Windows XP SP2 & Mac OS X 10.4.6, 10.4.7 or 10.4.8
- Avid Xpress® Pro shall include:
- Avid Marquee® ,Digidesign® AudioSuite™ ,IllusionFX™
- Avid Filmmaker's Toolkit ,SmartSound SonicFire Pro
- Sorenson Squeeze Compression Suite, Sonic DVDit (PC Only)
- Noise Industries Factory Tools (Mac only)
- Avid Xpress Pro Users Guide, Basics Guide, and Effects Guide manuals
- Support for the following Project formats:
- NTSC, 720p/23.976, 720p/29.97 HDV, 1080p/23.976,1080p/24, 1080i/59.94 HDV
- 10-bit 1:1 SD video support , DV50 capture and output over IEEE-1394
- MXF media support, MPEG-4 (.mp4) , H.264 ,3GPP ,AVC , AVC HD,Sony PSP,
- Macromedia Flash Movie (.swf), Macromedia Flash Video (.flv) ,QuickTime (.mov) ,
- Windows Media Video (.wmv), RealMedia (.rm) , MPEG-1/2 (.mpg),DVD

Model Offered: **CORE MICROSYSTEMS MEDIA COMPOSER** **\$6,250.00**

ITEM NO.	DESCRIPTION	PRICE
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84 **(18487) CD PLAYER/AUDIO TAPE RECORDER/PLAYER COMBO, WITH BUILT-IN SPEAKERS**

This is a lightweight portable combo unit for use in classrooms and other educational applications. This is 120 V AC 60Hz A/C only device! Cassette, stereo, Record, Playback and Erase Heads, 7 Watts RMS (per channel), (D.H.T. 5%) speakers; Microphone Input, Auxiliary Input Jack, 120 V AC 60Hz, Built-in Listening Center with 5 headset jacks. Direct recording from CDs. Audio Deck: Record, play, review, cue/fast forward, pause, stop, eject. CD Deck: Play, stop/clear, skip Automatic level control (ALC) for Record level control. Signal To Noise Ratio 45 dB C-30, C-60, C-90 tape capacity, resettable Tape Counter. EIKI Model 7070 or latest equivalent

Model Offered: **NO AWRD**

85 **MULTI TRACK PORTABLE HANDHELD RECORDER**

Built-in X/Y stereo condenser mics , variable recording patterns at either 90° or 120°. digitally controlled, high-quality mic preamp, ability to use internal and external mics simultaneously for 4 channel recording, LCD screen, Built-in X/Y stereo mics record at either 90° or 120°, Four channel simultaneous recording using built-in and external mics; Digitally controlled, high-quality mic preamp for improved audio quality, Large 1.9-Inch LCD screen and improved user interface for easy operation, 24bit/96kHz Linear PCM recording for pristine recording, MP3 recording for increased recording time, Built-in reference speaker to check recordings, Shock resistant rubberized body for improved chassis protection, Broadcast Wave Format (BWF) compatible time stamp and track marker, Records on SD/SDHC media of up to 32GB for maximum recording time, Auto-record and pre-record feature so you never miss a moment, Variable speed playback capability for phrase training, Stamina mode enables 10 hours of continuous battery life, Onboard mid-side matrix decoder for additional miking possibilities, Built-in mounting joint for tripod and mic stand mounting, USB 2.0 port for faster file transfer, XLR mic inputs with phantom power allow recording with any mic, Supports plug-in power type external mics, Hi-Z Inputs for recording guitar and bass, Studio effects onboard, including guitar and bass amp modeling, USB audio interface capability, Low-cut filter to reduce noise, Normalizing and file splitting functions, Mono mix function, Onboard tuner and metronome. To include 1 GB SD card, wind screen, mic clip adapter, AC adapter, USB cable, protective case and Cubase LE recording software, RC4 remote control Zoom H4n Handy Portable Digital Recorder or latest equivalent

Model Offered: **ZOOM H4**

\$246.95

ITEM NO.	DESCRIPTION	PRICE
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86 **(18490) PORTABLE PA SYSTEM**

This is meant to be used for sound reinforcement for small gathering at locations. PA Package consisting of 20 channel mixer and two speakers , floor monitors and the power amp three vocal microphones , speaker and mic cables, 2 x 600-Watt stereo powered mixer (1,200 Watt bridged mode), 20-channel mixer section, 12 mono and 4 stereo channels plus separate tape returns, 2 studio-grade 24-bit stereo FX processors with minimum 100 presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects, FBQ Feedback Detection system revealing critical frequencies for easy feedback removal, 12 high-quality IMP Invisible Mic Preamps with switchable +48 V phantom power for condenser microphones 3-band EQ, switchable Low cut filter and Clip LEDs on all mono channels, Stereo 7-band graphic EQ for precise frequency correction of monitor or main outputs, Voice Canceller function Selectable stereo (main L/R), double mono (main/monitor) or bridged mono amplifier, operation mode Standby switch to mute all mic input channels during breaks while background music is provided via tape inputs 3D stereo surround effect for more vitality and enhanced stereo image, Adjustable stereo CD/Tape input for connecting external line sources, Multi-functional stereo Preamp outputs, response and very low power consumption. To include the following items:

1 X 1200 Watt 20 Channel Powered Mixer (2 x 600-Watt stereo powered mixer (1,200 Watt bridged mode)

2X 15 inch 2 Way PA Enclosures

1X Power Amp

2 X Tripod Speaker Stands

3X Vocal Mics with Clip

3 X 20 foot CBI MLC20 Mic Cables

2 X 12 Inch Floor Monitors

2 X 10 Foot Instrument Cables

4 X Speak on to Quarter Inch Speaker Cables

Specifications

Microphone Inputs

Type: XLR, electronically balanced, discrete input circuit

Frequency Response: <10 Hz-155 kHz (-1 dB), <10Hz- >200 kHz (-3 dB)

Gain: +10 dB, +60 dB

Max Input Level: +12 dBu @ +10 dB gain

Impedance: approx. 2.6 k ohms balanced/ 1.3 k ohms unbalanced

Signal-to-Noise Ratio: 109 dB/ 112 dB A-weighted (0 dBu IN @ +10 dB gain)

Distortion (THD+N): 0.002% / 0.0018% A-weighted

Mono Line Inputs

Type: 1/4" TS connectors, balanced

Impedance: approx 20k ohms

Max Input Level: +21 dBu

Stereo Line Inputs

Type: 1/4" TRS connectors, unbalanced

Impedance: >3.6k ohms

Max Input Level: +22 dBu

Latest equivalentizer

Low: 80 Hz / +/- 15 dB

Mid: 100 Hz-8kHz/ +/- 15 dB

ITEM NO.	DESCRIPTION	PRICE
(86)	PORTABLE PA SYSTEM (Continued)	
	<p>High: 12 kHz / +/- 15 dB</p> <p>CD/Tape Input</p> <p>Type: RCA</p> <p>Impedance: approx 3.6 k ohms, balanced</p> <p>Max Input Level: +21 dBu</p> <p>Main Preamp Outputs</p> <p>Type: 1/4" TRS connectors, unbalanced</p> <p>Impedance: approx 150 k ohms, unbalanced</p> <p>Max Input Level: +21 dBu</p> <p>Monitor Preamp Outputs</p> <p>Type: 1/4" TRS connectors, unbalanced</p> <p>Impedance: approx 150 k, unbalanced</p> <p>Max Input Level: +21 dBu</p> <p>Stereo Outputs</p> <p>Type: ¼ inch TRS connectors, unbalanced</p> <p>Impedance: approx 150 ohms, unbalanced</p> <p>Max Output Level: +21 dBu</p> <p>Stereo Outputs</p> <p>Type:RCA</p> <p>Impedance: approx 1k ohms</p> <p>Max Output Level: +21 dBu</p> <p>Loudspeaker Outputs</p> <p>Type: compatible to Neutrik Speakon</p> <p>Load Impedance</p> <p>Main L/R: 4-8 ohms</p> <p>Monitor/Main Mono: 4-8 ohms</p> <p>Main Mono/Main Mono: 4-8 ohms</p> <p>Bridge: 8-16 ohms</p> <p>DSP</p> <p>Converter: 24-bit Delta-Sigma, 64/128-times oversampling</p> <p>Dynamics D/A: 90 dB</p> <p>Sampling Rate: 46.875 kHz</p> <p>Delay Time: max 5s</p> <p>Signal Run Time (Line in>>Line out): approx 1.5 ms</p> <p>Display</p> <p>Type: 2 Dual 7-Segment LED</p> <p>Amplifier (Power Amp Output)</p> <p>Power @ 4 ohms: 2 x 450 w</p> <p>Power @ 8 ohms: 2 x 215 w</p> <p>Power @ 8 ohms (Bridge): 1 x 1200 w</p> <p>Power Supply</p> <p>Mains Voltage: 230V~, 50 Hz</p> <p>Power Consumption: 1000 w</p> <p>Fuse: T 6,3 A H 250V</p> <p>Mains Connector: Standard IEC receptacle</p> <p>Speakers</p> <p>400 Watts program power, 800 Watts peak</p> <p>HF Driver protection network</p>	

ITEM NO.	DESCRIPTION	PRICE
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(86) **PORTABLE PA SYSTEM (Continued)**

3/4 inch MDF construction
 Two 1/4 inch inputs
 Metal handles
 Heavy duty carpet
 Full metal perforated grill
 Audio Power Amplifiers
 2 x 700 Watts in 2-Ohm/1400 Watts in 4-Ohm bridged operation
 2-channel, parallel or bridged mono operating modes for flexible application
 Independent limiters for each channel offer dependable protection against distortion
 Precise signal and clip LED indicators to monitor performance
 Selectable low-frequency filters (30 Hz or 50 Hz) remove distracting infra-sound frequencies
 Professional Speakon® and touch-proof binding post loudspeaker outputs enable secure operation
 Balanced XLR and 1/4 inch TRS inputs
 Connection option for extra amps in parallel operation
 Ultra-reliable Toshiba®/Fairchild® high-power transistors
 High-current Toroid® toroidal transformer
 Back-to-front ventilation system including air filter with automatically adjusting fan speed for smooth operation
 Independent DC and thermal overload protection on each channel to automatically protect amplifier and speakers
 Floor Monitor
 Two-way sound reinforcement monitor enclosure
 30 and 45 degree dual-angle monitoring
 woofer with 2.5-inch voice coil
 1.4-inch 14XT titanium diaphragm compression driver
 tweeter protection
 500 Watt program/1000 Watt peak power handling
 Heavy duty crossover network for driver protection and EQ
 Lightweight trapezoidal enclosure
 90° x 40° coverage constant directivity horn for better off-axis tonality
 High quality, heavy duty carpet covering
 Steel handle
 Rugged dado and rabbet construction for lightweight- yet-strong joints
 T-Nut speaker mounting
 Heavy duty, full-length steel grille, Pole mount
AMS Concert Portable PA System or latest equivalent

Model Offered:

ITEM NO.	DESCRIPTION	PRICE
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87 **PROCESSOR-CONTROLLED 400-WATT 2-WAY PA SPEAKER SYSTEM WITH 15-INCH WOOFER AND 1.25-INCH TITANIUM COMPRESSION DRIVER**

Ultra-Low Noise (ULN) Mic/Line input with Volume control plus dedicated 2-band EQ. High-power 400-Watt 2-way PA sound reinforcement speaker system for live and playback applications. Ultra-compact lightweight system delivers excellent sound even at extreme sound pressure levels. Integrated sound processor for ultimate system control and speaker protection, Extremely powerful 15-inch long-excursion driver provides incredibly deep bass and acoustic power. State-of-the-art 1.25-inch titanium-diaphragm compression driver for exceptional high-frequency reproduction, Ultra-wide dispersion, large-format exponential/conical horn, Ultra-low noise Mic/Line input with Volume control and Clip LED, Dedicated 2-band EQ for perfect sound adjustment, Additional Line output allows linking of additional speaker systems, Versatile trapezoidal enclosure design allows different positioning, Stand mounting with 35-mm pole socket, Tilts on its side for use as a floor monitor, Ergonomically shaped handles for easy carrying and setup, High-quality components and exceptionally rugged construction ensure long life.

Specifications:

Output Power

Low-frequency range:

RMS @ 1%THD (sine wave): 200 W @ 8 ohms

Peak Power: 320 W @ 8 ohms

High-frequency range:

RMS @ 1% THD (sine wave): 50 W @ 8 ohms

Peak Power: 80 W @ 8 ohms

Input

XLR connector (servo-balanced)

Sensitivity: -40 to +4 dBu

Input impedance: 20k ohms

1/4 inch jack (servo-balanced)

Sensitivity: -40 to +4 dBu

Input impedance: 20k ohms

Link Output

XLR connector

System Data

Frequency range: 55 Hz to 20 kHz

Crossover frequency: 1.9 kHz (12 dB)

Maximum sound pressure level: 125 dB @ 1 m

Limiter: optical

Dynamic Latest equivalentizer: processor-controlled

High: 12 kHz / +/-15 dB

Low: 80 Hz / +/-15 dB

Power Supply

Mains voltage: 120 Volts, 60 Hz

Power consumption: maximum 450 W

Behringer Eurolive B215A Powered PA Speaker 15 Inch, 400 Watts or latest equivalent

Model Offered: [BERINGER B215A](#)

\$306.17

-----**END**-----

