



Prince George's County Public Schools PURCHASING OFFICE

13300 Old Marlboro Pike • Upper Marlboro, Maryland 20772
Telephone: 301-952-6560 • Fax: 301-952-6504 • www.pgcps.org

Keith Miles, *Director*

DATE OF ISSUE: June 15, 2011	INVITATION FOR BID #: 100-11	BID TITLE: Furnish and Deliver Audio Visual, Computers & Television/Studio Equipment
PRE-BID DATE & TIME: N/A	LOCATION OF PRE BID: N/A	
DATE/TIME OF BID OPENING: July 7, 2011 @ 2:00 P.M.	BUYER: Nekeshi Hector	
Company Name: _____		

RECEIPT OF BID

Sealed bids for the requirements set forth herein will be received in the Purchasing Department, Room 20, Board of Education of Prince George's County (BOARD), 13300 Old Marlboro Pike, Upper Marlboro, MD 20772-9983, before the deadline of **2:00 P.M.** current local time on **JULY 7, 2011**. In order to be considered for award, all bids must be received with an original and three (3) duplicate copies of the bid, including supporting documentation. **The bid title and bid number must be stated on the lower left corner of the submission envelope.**

All bidders will be fully responsible for the timely delivery of the Bid response to the designated location to include bids hand carried, sent by common carriers, (UPS, Federal Express and the U.S. Postal Service). Bids delivered to any other office or location other than the Purchasing Department prior to bid opening deadline will not be considered. Competitive sealed Bids are publicly opened and available for review except to the extent the bidder designates trade secrets or other proprietary data to be confidential as set forth in this title. Prices, makes, and model or catalog numbers of the items offered, deliveries, and terms of payment shall be publicly available at a reasonable time after bid opening but in any event before contract award regardless of any designation to the contrary at the time of bid opening.

MINORITY & LOCAL BUSINESS INITIATIVE

The Board is continually seeking to provide services, program enhancements and procurement opportunities to help ensure the success of its qualified local minority and qualified local small businesses. The Board strongly encourages its Contractors to maximize the use of qualified local minority business and qualified local small business enterprises on projects. Prime contractors are encouraged to seek and utilize locally based minority and women-owned subcontractors from within the geographical boundaries of Prince George's County. To be responsive in the bid or proposal submittal, the bidder or proposer shall either maximize the use of qualified local minority business and/or qualified local small business enterprises on each project or be able to verify, through documentation that good faith efforts were engaged to maximize the use of qualified local minority business and/or qualified local small business enterprises.

BID DOCUMENTS

The Bid documents may be obtained by:

1. Downloading the document from the Board's website at: www.pgcps.org. Click on the About Us, under Offices choose Purchasing, then Procurement Opportunities.
2. Access through eMaryland Marketplace at <https://ebidmarketplace.com>
3. Calling the Purchasing Department at 301-952-6560.
4. Visiting the Purchasing Department between the hours of 8:00 AM and 4:30 PM, Monday through Friday, excluding holidays. The Purchasing Department is located at 13300 Old Marlboro Pike, Room 20, Upper Marlboro, MD 20772-9983.

SCOPE OF WORK

The BOARD requests bids to **FURNISH AND DELIVER AUDIO VISUAL, COMPUTERS & TELEVISION/STUDIO EQUIPMENT.** The specifications are contained in the Invitation for Bid. Responses submitted must meet or exceed all requirements. Bid that do not meet or exceed all requirements will be considered non-responsive. All exceptions must be noted.

INSURANCE

The successful contractor shall be required, if applicable, to furnish a certificate of insurance. The certificate must be issued to the BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY. Bonds issued to the PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS **WILL NOT BE ACCEPTED.**

BID BOND Bidders is not required to submit a bid bond in the amount of five percent (5%) as determined by the BOARD and specified in the IFB, to ensure the satisfactory completion of the work for which a contract or purchase order is awarded that may exceed 100K. (COMAR 21.06.07.02)

The bond must be made in favor of the **BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983.**

PERFORMANCE AND LABOR BOND The successful Bidders is not required to submit a performance bond, Cashier's or Certified Check in the amount of one hundred percent (100%) as determined by the BOARD and specified in the IFB, of all phases of the contract to ensure the satisfactory completion of the work for which a contract or purchase order is awarded that are less than 100K. (COMAR 21.06.07.03)

The bond, cashier's or certified check must be made in favor of the **BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983.**

LIQUIDATED DAMAGES/FAILURE TO PERFORM WORK/DELIVER

The successful bidder accepts this contract with the understanding that should they fail to complete the work/deliver in an acceptable manner and in the time stated, shall be subject to the payment of liquidated damages as stated in the bid document.

MINORITY BUSINESS ENTERPRISES

Prince George's County Public Schools has a Minority Business Enterprise and Affirmative Action Program in effect. Information about this program and forms for compliance are available online at www.pgcps.org. In the lower right corner under the Heading "**Discover PGCPS**" scroll down to "**ALL ABOUT PGCPS**" click on **Policies and Administrative Procedures** and click on "**Administrative Procedures.**" To obtain the 3325 MBE Procurement Procedures (**Locally Funded Projects**) - click **Business & Non -Instructional Operations-3000** or to obtain 7419 MBE Procurement Procedures 7419 (**State of Maryland Guidelines**) - click **Administrative Procedures - Construction 7000** for all appropriate forms. All firms submitting a proposal must complete the appropriate forms and submit the forms with their proposal. The BOARD recognizes minority certification from the Prince George's County Government and the State of Maryland Department of Transportation ONLY.

LOCAL MBE INITIATIVE- In accordance with Prince George's County School goals promoting minority and locally based purchases, if all other factors are equal, priority shall be given to a locally based firm. "Locally based firm" in this instance refers to a company or firm with a primary business address located within the geographical boundaries of Prince George's County. (Admin Procedure 3325)

NOTICE TO BIDDERS

Bidders wishing to do business with the BOARD are asked to register with the Purchasing Department. The successful bidder must be an active vendor in Oracle to receive Purchase Orders and Payment. To register, contact the Purchasing Department at 301-952-6560 to receive instructions on how to register or visit the Purchasing website at <http://www1.pgcps.org/isupplier/>.

Prince George's County Public Schools does not discriminate in educational programs, activities or employment on the basis of race, color, national origin, sex, age, religion or disability.

Bidders will be required to comply with all applicable requirements pertaining to fair labor, state and local government.

In accordance with Prince George’s County School goals promoting minority and locally based purchases, if all other factors are equal, priority shall be given to a locally based firm. "Locally based firm" in this instance refers to a company or firm with a primary business address located within the geographical boundaries of Prince George’s County. (Admin Procedure 3325)

No Bid may be withdrawn for at least sixty (60) days after the scheduled closing time for receipt of Bids by order of the Board of Education of the Prince George’s County Public Schools, Upper Marlboro, Maryland 20772-9983.

Prince George’s County Public Schools accepts no obligations for costs incurred by Bidders in preparing or submitting a Bid and reserves the right to reject any and all Bids received.

AWARD

The BOARD reserves the right to award the contract to the lowest responsive and responsible bidder complying with all provisions of the bid, provided the bid price is reasonable and it is in the best interest of the BOARD to accept. A contract may be awarded to one or multiple vendors, by item or in the aggregate, or any combination thereof.

NON-AWARD

All unsuccessful Bidders will be notified via email or mail.

REJECTION OF BIDS

The BOARD reserves the right to reject any or all bids in whole or in part and to waive any technicalities or informalities as may best serve the interests of the BOARD, to increase or decrease quantities where quantities are shown and may reject any bid which indicates any omission, contains alteration of form or additions not requested, or imposes conditions or offers alternate items and may make any award which is deemed to be in the best interest of the BOARD.

NON-EXCLUSIVE

The intent of this contract is to provide the Board with an expedited means of procuring supplies and/or services at the lowest cost. This contract is for the convenience of the Board is considered to be a "Non-Exclusive" use contract. The Board does not guarantee any usage. The Board will not be held to purchase any particular Brand, in any groups, prices or discount ranges, but reserves the right to purchase any item/items listed in the price schedule submitted.

QUESTIONS/POINT OF CONTACT

All questions concerning this bid must be sent via email to Buyer (nekeshi.hector@pgcps.org). All answers will be in the form of an Addendum to the IFB and posted on the website.

<u>Purchasing</u>	<u>Dept. Contact</u>
Nekeshi Hector	Mathew Pallithanam
Purchasing Office	Television Resources
Nekeshi.hector@pgcps.org	matthew.pallithanam@pgcps.org

Schedule	Date
Post IFB	06/15/11
Questions Due.....	06/21/11
Answers Posted.....	06/27/11
Bid Due.....	07/07/11

Bid submittal requirements:

Vendors must return the following documentation with the Bid response. Failure to sign and return these documents may cause your proposal to be ruled non- responsive and ineligible for evaluation consideration.

- 1. Affidavit (Must be signed and original submitted with the proposal)**
- 2. Addendum (All addenda posted on the website must be signed and returned. It is the vendors responsibility to check the Purchasing Website for any addenda posted in response to this IFB)**
- 3. All original responses must be signed in BLUE INK**

SECTION I
GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS

I. GENERAL

A. Any Contract awarded as the result of any Invitation for Bid to furnish supplies, equipment or services to the BOARD OF EDUCATION, PRINCE GEORGE'S COUNTY, Upper Marlboro, Maryland shall include, in whole or in part, either attached or incorporated by reference, binding in all respects, these provisions.

It is the intent of this Invitation for Bid to provide prospective bidder(s) with complete information relative to the total performance of any resultant contract. Bidders are obligated to read and understand all parts of this Invitation for Bid and to obtain clarification of any part not thoroughly understood, before submitting their bid.

A contract shall be deemed executory only to the extent of appropriations available to the BOARD for the purchase of such articles. The obligation of the BOARD on all contracts, including those which envision funding through current and successive fiscal years, shall be contingent upon actual Board appropriations for the fiscal year(s) involved.

B. All parts of this Invitation for Bid including the GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS, any addenda, amendments, modifications or any other extraneous matter incorporated by reference, will be applicable to any contract(s) awarded as a result of this Invitation for Bid.

C. The respondent is required to submit one (1) original and three (3) copies of the title page, signature page, proposal page and any other applicable documents specific to this Invitation to Bid.

Bidder must identify the IFB by placing the IFB number, opening date and time in the lower left hand corner of the envelope. The bidder is solely responsible for the arrival of the bid in the PURCHASING OFFICE FACILITIES ADMINISTRATION BUILDING, 13300 OLD MARLBORO PIKE, ROOM 20, UPPER MARLBORO, MARYLAND 20772-9983, prior to the prescribed deadline for return of bids will be publicly after the time set for receipt and may be read aloud. Respondents may attend bid openings. Since bids must be received in a sealed envelope, **FACSIMILE COPIES TRANSMITTED VIA "FAX" MACHINES, OR SIMILAR METHODS, WILL NOT BE ACCEPTED**

Late bids will not be considered for award except under the following conditions:

The bid was sent by mail and it was determined by the BOARD that the late receipt was due solely to miss handling by the BOARD after receipt of the address specified in the solicitation. If the BOARD declares administrative or liberal leave scheduled bid openings or receipt of proposals will be extended to next business day.

D. The **time**, prescribed on the title page of this Invitation for Bid as **the deadline for return of bids**, shall be Eastern Standard Time.

E. In the event of inclement weather on the date this bid is scheduled to open and the BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY CENTRAL OFFICES are closed, bids will be opened at the PURCHASING OFFICE on the next business day. The time of opening on the next business day will be the same as that of the scheduled day. Bids will be accepted until the time of opening on the next business day.

II. CONTRACT PERIOD

A. The initial term of the contract is one (1) year from date of award. Prices shall remain firm for the entire first year of the contract. All prices must be submitted per F.O.B. destination basis only unless otherwise specified herein.

III. OPTION TO RENEW CONTRACT PERIOD

A. Upon satisfactory service and by mutual agreement the BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY reserves the right to renew the contract. The term of renewal shall not exceed two (2) additional one (1) year periods.

IV. OPTIONAL USE OF CONTRACT

A. Unless specifically prohibited by the bidder in their bid response, the following entities whether inside or outside the state of Maryland shall have the option to order from the contract. The Purchasing Agent of those agencies listed below who opt to use the Contract shall issue their own Contract Awards/Purchase Orders and provide the Contractor with pertinent delivery and invoicing instructions.”

- State Offices and Agencies
- County Governments
- County Public Schools
- Municipal Governments within the Counties
- State and Community Colleges
- Private and Parochial Schools
- Washington Metropolitan Council of Govern

V. AWARD

A. The BOARD reserves the right to award the contract to the lowest responsive and responsible bidder complying with all provisions of the bid, provided the bid price is reasonable and it is in the best interest of the BOARD to accept. A contract may be awarded to one or multiple vendors, by item or in the aggregate, or any combination thereof.

VI. ADDENDUM

A. Any addenda to this solicitation issued after this solicitation and before the due date shall become part of the contract. It is the responsibility of the bidder to make inquiry as to addenda issued. The BOARD will post all addenda to the solicitation on the BOARD’s website.

VII. BID WITHDRAWAL

A. Bids may be withdrawn or modified upon receipt of written request received before the time specified for bid opening. Requests received after bid opening will not be considered.

VIII. ERRORS IN BIDS

A. Failure of the bidder to thoroughly understand all aspects of the Invitation for Bid before submitting his/her bid will not act as an excuse to permit withdrawal of his/her bid nor secure relief on plea of error. Neither State Law nor Regulation make allowance for errors either of omission or co-mission on the part of the bidders. Obvious, apparent errors in a bid may be corrected or withdrawn upon written approval by the BOARD.

When an error is made in extending total prices the unit bid price will govern. Erasures in bids must be initialed by the bidder. Carelessness in quoting prices or in preparation of bid will not relieve the bidder from performing the contract. Errors discovered after public opening cannot be corrected and the bidder will be required to perform if the bid is accepted.

IX. REJECTION OF BIDS

A. The BOARD reserves the right to reject any or all bids in whole or in part and to waive any technicalities or informalities as may best serve the interests of the BOARD, to increase or decrease quantities where quantities are shown and may reject any bid which indicates any omission, contains alteration of form or additions not requested, or imposes conditions or offers alternate items and may make any award which is deemed to be in the best interest of the BOARD.

X. PROTEST

A. Determination of protests validity is at the sole discretion of the BOARD. The due date of the bid may be changed if necessary to allow consideration of the protest and issuance of any necessary addenda. Specification protests shall be presented to the BOARD in writing as soon as identified, but no less than five (5) business days prior to the bid opening date and time. No protest against the award due to the specifications shall be considered after this deadline. Protests shall include the reason for the protest, and a proposed change to the specifications with supporting documents. Protests should be delivered to the Purchasing Department in sealed envelopes, clearly marked with the bid number and description.

XI. VENDOR ACCEPTANCE

- A. The successful bidder(s) will receive from the PURCHASING OFFICE, BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983, a contract. Upon receipt, the bidder must sign and return all copies of the contract.
- B. Any required documentation, such as; Performance Bond, Payment Bond, Certificate of Insurance, and other material required must be submitted by the bidder with the award letter.
- C. Failure to sign the contract and return all required documents within fifteen (15) calendar days from date of receipt shall rule your response null and void and, therefore, award shall be made to the next low responsive bidder. The bidder shall forfeit any Bonds so posted. **In addition, this may also be cause for removal of your firm from the bidder's list.**

XII. SURETY

A. The following SURETY is not required in conjunction with this Invitation for Bid and any resultant contract(s). Bonds or checks NOT made in favor of BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY shall not be accepted. **"Prince George's County Public Schools" is not a legal entity, and therefore, bonds or checks made in favor of Prince George's County Public Schools will not be accepted; the bid offer shall be declared non-responsive and not considered for award.**

1. Bid Bond

- a. Bids must be accompanied by a Bid bond or Certified Check in the amount of five percent (5%) of the total amount of the bid to be made in favor of the

BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY,
UPPER MARLBORO, MARYLAND 20772-9983

Certified Checks will be returned to all but the successful bidder(s) within five (5) days after award of contract(s). Successful bidder's Certified Check will be returned only upon receipt of Performance Bond.

2. Performance Bond, Cashier's or Certified Check

- a. The successful bidder is not required to furnish to the BOARD a Performance Bond, Cashier's or Certified Check in the amount of one hundred percent (100%) of all phases of the contract and to be made in favor of the **BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY,**
UPPER MARLBORO, MARYLAND 20772-9983

The above is the legal title for the school system. Deviation from this title shall not constitute intent to furnish and all such documents shall be rejected and returned. Timeliness is of the essence and delays in furnishing acceptable documents may constitute default.

- b. The insurance company issuing the bond must have a policyholders rating of A Plus and a financial rating of Class X per Best's Rating Service. Said surety must be issued by a bonding company licensed to do business in the STATE OF MARYLAND and acceptable to the BOARD and submitted to the PURCHASING OFFICE, BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983 within 15 calendar days after receipt of award. No contract shall exist prior to return of the signed award and acceptable surety.
- c. The Performance Bond, Cashier's or Certified Check will provide assurance of faithful performance and discharge of all duties and responsibilities attendant thereto required by law or as provided herein by the contractor of all ASPECTS, TERMS AND CONDITIONS of this contract.

B. In addition to the above surety, the following may be required on certain construction contracts. The successful bidder(s) should be prepared to provide the surety if instructed to do so in any resultant Contract Award.

1. Labor and Material Payment Bond

- a. The successful bidder is not required to furnish to the BOARD a LABOR AND MATERIAL PAYMENT BOND in the amount of one hundred percent (100%) of all phases of the contract and to be made in favor of the

**BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY,
UPPER MARLBORO, MARYLAND 20772-9983**

The above is the legal title for the school system. Deviation from this title shall not constitute intent to furnish and all such documents shall be rejected and returned. Timeliness is of the essence and delays in furnishing acceptable documents may constitute default.

- b. The insurance company issuing the bond must have a policyholders rating of A Plus and a financial rating of Class X per Best's Rating Service. Said surety must be issued by a bonding company licensed to do business in the STATE OF MARYLAND and acceptable to the BOARD and submitted to the PURCHASING OFFICE, BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983 within 15 calendar days after receipt of award. No contract shall exist prior to return of the signed award and acceptable surety.
- c. The Labor and Material Payment Bond will provide assurance of faithful performance and discharge of all duties and responsibilities attendant thereto required by law or as provided herein by the contractor of all ASPECTS, TERMS AND CONDITIONS of this contract.

XIII. INSURANCE

A. The contractor must maintain and pay for Comprehensive Business Insurance to protect their claims under the Workers' Compensation Act, from claims or damages because of bodily injury to others, including employees of the BOARD, damage to the property of others, including the BOARD, claims for damages arising out of the operation of motor vehicles, which may arise during the performance of the contract whether caused by themselves or by any sub-contractor or anyone directly or indirectly employed by either of them, and Product Liability Insurance. Said insurance is to cover the duration of the contract under an express or implied warranty.

B. The following coverages and limits are required of all vendors:

- General Liability, including Products Liability & Completed Operations - \$1,000,000 per occurrence/\$2,000,000 aggregate
- Workers Compensation – Statutory Benefits (Only required if the Contractor will be delivering the product(s) to our building).
- Employers Liability - \$500,000 each accident/\$500,000 injury by disease/\$500,000 injury by disease aggregate (Only required if the Contractor will be delivering the product(s) to our building).
- Auto Liability - \$1,000,000 combined single limit (Only required if the Contractor will be delivering the product(s) to our building).

C. The certificate on this insurance shall be made in favor of the **BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983** and indicate paid up coverage for the term of the contract.

D. The certificate of insurance **TO BE SUBMITTED** to the PURCHASING OFFICE, FACILITIES ADMINISTRATION BUILDING, 13300 OLD MARLBORO PIKE, UPPER MARLBORO, MARYLAND 20772-9983.

E. It will be the responsibility of the successful bidder(s) to ensure that a **current** Certificate of Insurance is on file in the Purchasing Office during the entire period of the contract.

F. The cost of the above insurance shall be considered an overhead or operating expense to the Contractor, similar to rental costs, utilities, automobile liability insurance, and other business related expenses. **The premiums or costs to provide the above insurance shall not be directly related to the cost of the work or services specified in this Invitation for Bid.**

XIV. LAWS AND PERMITS

- A. The contractor shall, without additional cost to the BOARD, be responsible for paying for and obtaining any necessary licenses, inspections and permits for complying with any and all FEDERAL, STATE AND LOCAL LAWS, CODES AND REGULATIONS, in connection with the performance of the work.
- B. Laws of the STATE OF MARYLAND and PRINCE GEORGE'S COUNTY shall govern the contract.

XV. TAXES

- A. Respondents shall assume full responsibility for payment of any and all taxes which may be construed by law authority as being due for materials and supplies under any contract with the BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY. They shall hold the BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY safe and harmless from any liability for said taxes.
- B. Responses to the bid submitted shall not include Federal Excise Taxes or State or Local Sales or Use Taxes (if applicable). The cost of any taxes (operational and/cost of doing business) that are lawfully due and paid by the contractor may be passed on to the Board of Education as part of the overall cost.
- C. The BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY is subject to the provisions of Article 81, Section 326 (a) of the Annotated Code of Maryland which provides that the Retail Sales Tax shall not apply to the following Sales:
 - 1. State Sales - "Sales to the State of Maryland or any of its political subdivisions. Provided that this sub-section shall not be construed or applied to exempt any sale, otherwise taxable under this subtitle, or tangible personal property to contractors or builders to be used for the construction, repair or alteration of real property, on contracts advertised for solicitation after July 1, 1968."
- D. The Board of Education of Prince George's County Tax Exemption Certificate will be provided upon request.

XVI. MINORITY BUSINESS ENTERPRISES REQUIREMENTS

- A. The Board of Education of Prince George's County Administrative Procedure No. 3325 requires bids for **materials, supplies, equipment, and services, other than materials of instruction, be listed as deliverables.** This procedure also is to inform prospective bidders that the bid of the initially deemed lowest responsive bidder, if not a "Certified" Minority Business Enterprise, is subject to being matched by a "Certified" Minority Business entitled to do so by the provisions of the Administrative Procedure.
- B. Only those businesses registered in the Oracle database and listed in the Minority Business Enterprise Office directory for the Board of Education of Prince George's County as a certified minority vendor at the time of any respective bid opening, shall be recognized as a "Certified Minority Business". If not listed, evidence of acceptable certification from the Maryland Department of Transportation (MDOT), Prince George's County Government and Washington Metropolitan Area Transit Authority (WMATA) must be provided to the Board's Purchasing Office prior to any respective bid opening.
- C. **The Board of Education of Prince George's County strongly encourages its Contractors to maximize the use of qualified locally based minority and women-owned business within the geographical boundaries of Prince George's County. The bidder or proposer should be able to verify, through documentation that good faith efforts were engaged to maximize the use of qualified local minority and women-owned businesses in Prince George's County. Documentation of good faith efforts may be required to be submitted in the sealed bid or proposal packet on the date and at the time due for the respective bid or proposal submittal.**
- D. **Minority businesses are encouraged to submit bids in response to this notice.** Administrative Procedure No. 3325 may be viewed at the Purchasing Office by prospective bidders. Further information required may be obtained by contacting the Minority Business officer at 301-952-6563.

XVII. CHANGES IN TERMS OR DELIVERY/COMPLETION DATE

- A. After award of individual contracts, any questions or correspondence related but not limited to the following matters must be directed to the PURCHASING OFFICE, BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983, in writing:
1. Requests for deviation from the specifications, terms, or conditions of the contract
 2. Bonding or insurance
 3. Other matters.
- B. In the event of strikes, Acts of God, or other circumstances beyond the contractors' control, which prevent completion of work or delivery, the contractor must secure temporary contractual relief. The circumstances and duration must be stated by the contractor in writing and be forwarded to the PURCHASING OFFICE within ten (10) days after their development. Contractual relief shall be only that which is acceptable to and in agreement with the PURCHASING OFFICE, for those goods and services, which are necessary for the day-to-day needs of the BOARD.

XVIII. SAMPLES

- A. Bidders must submit a sample of the item offered if other than the brand referenced in the specifications. Samples must be of smallest unit pack and:
1. Be identified to bidder and item bid.
 2. Accompany their bid or be presented to the PURCHASING OFFICE before the time and date scheduled for the return of bids.
 3. The BOARD OF EDUCATION will not pay for nor return any sample furnished in response to this bid.

XIV. DELIVERY

- A. Time
1. All deliveries must be made between the hours of 8:30 A.M. and 3:00 P.M., Monday through Friday, except known holidays. It shall be the contractor(s) responsibility to ascertain that the delivery destination will be open to accept delivery.
- B. Documentation
1. Each delivery must be accompanied by a delivery ticket containing the following minimal information:
 - a. Delivery destination
 - b. Purchase order number
 - c. Item number
 - d. Quantity of item(s) delivered
 - e. Item description
 - f. Date of delivery.
 2. BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY PERSONNEL will sign and return to the vendor one (1) copy of the delivery ticket. **This signed copy will later accompany the invoice.**
- C. Delivery Time Provision
1. Bidders are required to include anticipated the delivery time(s) anticipated in their bid response. This delivery time shall be designated in terms of calendar days after receipt of order and shall be entered in the appropriate space provided in the "Specifications/Proposal" section of this Invitation for Bid. Failure to provide such information may constitute a non-response, and the respective response(s) may not be considered.
- D. It is desired that items relative to this Invitation for Bid be obtained at the earliest possible date after placement of order. **Therefore, the delivery time(s) offered may be a consideration in awarding.**
- E. **All deliveries must be made F.O.B. DESTINATION.**

XX. PRICE

A. All prices must:

1. Be firm fixed
2. Be F.O.B. Destination, include inside delivery
3. Be free of all taxes and finance charges
4. Include all trade discounts
5. Include any other cost factors relative to the performance of the contract

XXI. INVOICES

A. Invoices must be submitted in DUPLICATE, ACCOMPANIED BY A SIGNED DELIVERY TICKET, TO THE ACCOUNTS PAYABLE DEPARTMENT, BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, 14201 SCHOOL LANE, ROOM 130, UPPER MARLBORO, MARYLAND 20772-9983, and contain the following minimal information:

1. Purchase order number
2. Delivery destinations as it appears on the purchase document
3. Quantity, item number, and description of item billed
4. Unit price and extended price of item
5. Total amount of invoice
6. Serial number of each item.

XX. PAYMENT

A. Payment will be made upon receipt of proper invoices. Payment shall be NET 30 days from date of receipt of invoice.

XXIII. NEW ITEMS

A. All items furnished against the Contract must be new and unused, latest models (unless otherwise specified) and free of all defects. The foregoing accepts exchange, normal "rebuilt" items, where specified.

XXIV. COMMERCIAL WARRANTY:

A. The Contractor agrees that the supplies or services furnished under the Contract shall be covered by the most favorable commercial warranties the Contractor gives to any customer for such supplies or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the BOARD OF EDUCATION by any other clauses of the Contract.

XXV. DAMAGES OR INJURY

A. Qualifying contractors will be held pecuniary responsible for any and all damage to BOARD property done or caused by them or their employees or other personnel engaged in the execution of the contract.

B. The contractor shall be similarly responsible for all injury to persons that occur as a result of his fault or negligence.

C. The contractor shall take proper safety and health precautions to protect the work, the workers, the public and the property of others.

D. The contractor shall be responsible for any and all damage to adjacent property incurred in the performance of the contract and shall hold the BOARD free of any and all claims for damages arising from the execution of the contract.

XXVI. TERMINATION FOR CONVENIENCE

A. This contract may be terminated by the BOARD OF EDUCATION in accordance with this clause in whole or in part whenever the Board Contracting Officer shall determine that such a termination is in the best interest of the

BOARD OF EDUCATION. Any such termination shall be effected by delivery to the Contractor at least five (5) working days prior to the termination date of a Notice of Termination specifying the extent to which performance shall be terminated and date upon such termination becomes effective. An equitable adjustment in the contract price shall be made for completed service, but no amount shall be allowed for anticipated profit on unperformed services.

XXVII. TERMINATION FOR DEFAULT

A. The BOARD OF EDUCATION may, by written notice of default to the Contractor, terminate the whole or any part of the Contract in any one of the following circumstances:

1. If the Contractor fails to make delivery of the supplies or equipment exactly as specified or perform the services within the time and manner specified herein or any extension thereof, or
2. If the Contractor fails to perform any of the other provisions of this Contract, or so fails to make progress as to endanger performance of this Contract in accordance with its terms, and in either of these two circumstances does not cure such failure within a period of ten (10) days (or such longer period as the Purchasing Office may authorize in writing) after receipt of written notice from the Purchasing Office specifying such failure, or
3. Willfully attempt to make delivery of items other than the items in the Contract, or perform the services other than specified as to quality, contents of pack, work processes or otherwise, without specific authorization in the form of a contract amendment, or
4. If a determination is made by the BOARD OF EDUCATION that the obtaining of the Contract was influenced by an employee of the BOARD having received a gratuity, or promise thereof, in any way or form.

XXVIII. DISCLOSURE

A. Bidder shall not disclose information concerning work under this Agreement to any third party, unless such disclosure is necessary for the performance of the Agreement effort. No news releases, public announcement, denial or confirmation of any part of the subject matter of this Agreement or any phase of any program hereunder shall be made without prior written consent of the Board. The restrictions of this paragraph shall continue in effect upon completion or the parties may mutually agree upon termination of this Agreement for such period of time as in writing. In the absence of a written established period, no disclosure is authorized. Failure to comply with the provisions of this Clause may be cause for termination of this Agreement.

XXIX. INFRINGEMENT OF PATENT, TRADEMARK, COPYRIGHT, TRADE SECRET, OTHER INTEREST

A. The following terms apply to any infringement, of claim or infringement, of any patent, trademark, copyright, trade secret or other proprietary interest based on the manufacture, normal use or sale of any material, equipment, programs or services furnished by Bidder to the Board, unless such infringement or claim results from the Bidder following written instruction or directions of The BOARD. Bidder shall indemnify the Board, for any loss, damage, expense, or liability that may result by reason of any such infringement or claim. Bidder shall defend or settle, at Bidder's own expense, any action or suit for which Bidder is responsible hereunder. The Board shall notify Bidder promptly of any claim or infringement for which Bidder is responsible and shall cooperate with Bidder in every way to facilitate the defense of any such claim.

XXX. NON-DISCRIMINATION

A. The Contractor is to conduct business in a non-discriminatory manner prohibiting discrimination in any manner against any employee or applicant for employment because of sex, race, creed, color, age, mental or physical disability, sexual orientation or national origin.

XXXI. RIGHT TO DATA

A. All data, reports and other documents generated for the BOARD and accumulated by the consultant/contractor in the performance of this order/award, shall remain the property of the BOARD, and shall be returned to the control of the BOARD upon completion of the contract. No personal student or BOARD information, as defined by federal and state law and BOARD policy, shall be disclosed or published unless otherwise agreed herein.

XXXII. RIGHT TO AUDIT

A. The contractor shall agree that in accordance with Section 952 of the Omnibus Budget Reconciliation Act of 1980, its contracts, books, documents and records will be made available to the Comptroller General of the United States and the BOARD until the expiration of services is finalized under this Agreement.

XXXIII. AVAILABILITY OF FUNDS

A. A contract shall be deemed executory only to the extent of appropriations available to the BOARD for the purchase of such articles. The obligation of the BOARD on all contracts, including those which envision funding through current and successive fiscal years, shall be contingent upon actual Board appropriations for the fiscal year(s) involved.

XXXIV. TRADE DISCOUNT

A. All prices offered must be lowest net price after trade discounts have been considered. Bids offering a percentage off list prices will not be accepted unless; (1) specifically requested in that manner; (2) two copies of the referenced price list accompanies the bid.

XXXV. RESTRICTIONS

A. Potential contractors/vendors of the Board of Education of Prince George's County Schools are advised that Maryland law now provides the following mandatory restrictions on registered sex offenders performing work or services on school system property:

B. "A person who enters into a contract with a county board of education or a nonpublic school may not knowingly employ an individual to work at a school if the individual is a registrant. A person who violates this section is guilty of a misdemeanor and on conviction is subject to imprisonment not exceeding 5 years or a fine not exceeding \$5,000 or both."

C. Persons or entities awarded contracts with the Board of Education of Prince George's County are required to certify that no employee, subcontractor, subcontractor employee, or material supplier that is a registered sex offender will be allowed to enter onto school system property at any time in the performance of the work or services for which the contract is awarded. Such certification is a condition precedent to any contract award, and failure to so certify will be grounds for not awarding a contract. It will be the responsibility of contractors to obtain similar certification from all sub-contractors and material suppliers performing work or services on school system property and to monitor adherence to this requirement. In the event that the Board of Education of Prince George's County determines that a registered sex offender has entered upon school system property in the performance of work for a contractor/vendor, such will be grounds for termination of the contract.

XXXVI.FINGERPRINT AND BACKGROUND CHECKS

A. Pursuant to BOARD Administrative Procedure 4215, all Independent Contractors and Outsourced Agencies and their employees who will be on BOARD property and may have contact with students, **MUST** have a fingerprint and background check provided by the BOARD at the contractor's expense. The contractor will be responsible to call the Fingerprinting Office at 301-952-6775 to schedule an appointment.

XXXVII. BIDDER'S QUALIFICATION

A. Bidders may be required to furnish satisfactory evidence that they are qualified dealers or manufacturers of the items listed, or regularly engaged in performing the services on which they are bidding, and in both cases maintain a regularly established place of business. An authorized representative of the BOARD OF EDUCATION may visit any prospective Contractor's place of business to determine his/her ability, capacity, reliability, financial stability and other factors necessary to perform the Contract.

XXXVIII.FAILURE TO RESPOND

A. Failure to make response to this invitation for bid may cause removal of your name from our bidders mailing list for this commodity or service. Those bidders wishing to remain on the mailing list for this commodity or service but do not desire to submit a bid at this time, should affix the enclosed mailing label, marked "no bid", to an envelope with the company's name and return address clearly shown, and mail as indicated on the label. If you are not a supplier of this commodity or service submit a "no bid" and request your name be removed from our mailing list for this commodity or service only.

SECTION II
SPECIAL PROVISIONS

- All items of equipment shall be the latest /current models
- All items of value of more than \$ 500.00 require additional 3 year support over and above those offered by the OEM
- All items of value of more than \$ 1000.00 require additional warranty for 3 years and support over and above those offered by the OEM
- All Television sets 37" or larger shall be internet connectable
- The vendors shall transfer all applicable rebates, coupons and buyer incentives prevailing at the time of ordering to PGCPs in its full value
- The vendors shall apply all educational discounts from OEMs

SPECIFICATIONS

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
1	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. DaLite PM7-48JE q/A552R or latest equivalent	20		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
2	HDTV Monitor, LED back lit LCD Flat Panel, Multimedia, 32"	20		

General Specifications:

Full HD TV Monitor, LED-Backlit LCD, 32" Screen Size (Measured Diagonally), Multimedia inputs, composite, S-Video, Component, VGA, HDMI, Audio in /outs, PC Audio in, multi scan formats, multi standard tuner (NTSC/ATSC/QAM), Dolby, Surround Sound, 2 X 7.5 W speakers, Hi brightness, Hi dynamic contrast ratio, Internet enabled broadband, V chip parental control, intelligent sensor, Wide angle viewing, Fast response, Energy efficient Flat panel

Specifications:

Video Signal Standard: HDTV 1080p

Backlight Technology: Direct LED

Tuner : NTSC / ATSC

Dynamic Contrast Ratio: 3000000:1

Aspect Ratio: 16 : 9

RMS Output Power: 15 W (7.5 Watts x 2)

Connections:

4 HDMI (High-Definition Multimedia Interface) version 1.3: 2 back

Anynet+™ (HDMI-CEC): Allows peripheral AV devices such as a DVD player to be controlled by a Samsung TV remote control.

2 USB: 2 back

1 Component video input: 1 back

1 Optical sound output: 1 back

1 PC input: 1 back

1 Ethernet: 1 back

Audio:

Dolby® Digital

DTST™

audio power stereo broadcast reception: Supports multichannel sound (MTS) and second audio program (SAP) with 181-channel capacity

Operating Power Consumption: 43.20 W

Height: 21.7"

Width: 30.9"

Depth: 9.4"

Without Stand: 18.1 lbs

With Stand: 24.3 lbs

Shipping: 28.7 lbs

VESA Mount Standard 200 x 200

Manufacturers Warranty: 1 Year Parts and Labor

Samsung UN32C5000 or Equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
3	HDTV Monitor, LED back lit LCD Flat Panel, Multimedia, 37"	24		

General Specifications:

Full HD TV Monitor, LCD, 37" Screen Size (Measured Diagonally), Multimedia inputs, composite, S-Video, Component, VGA, HDMI, Audio in /outs, PC Audio in, multi scan formats, multi standard tuner (NTSC/ATSC/QAM), 2 X 10 W speakers, Hi brightness, Hi dynamic contrast ratio, Internet enabled broadband, V chip parental control, intelligent sensor, Wide angle viewing, Fast response, Energy efficient Flat panel

Specifications:

Maximum Resolution: 1920 x 1080

Contrast Ratio: 50000:1

Brightness: 500 Nit

Response Time: 5ms

Tuner: NTSC/ATSC

Total Output Power: 20 w, Stereo, Surround, Dolby

IN/Outs

1 x Audio/Video In Side

1 x HDMI Digital Audio/Video In Side

2 x HDMI Digital Audio/Video In Rear

1 x RF Antenna In Rear

2 x Component Audio/Video In Rear

1 x 15-pin HD-15 VGA In Rear

1 x Audio Line In Rear

1 x Digital/Optical Audio Line Out Rear

Dimensions: 23.4" Height x 36.11" Width x 3.5" Depth

Weight: 32 lbs

Manufacturer Warranty: One Year Parts and Labor

LG 37LH30 37" 1080p LCD HDTV or equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
4	Internet HDTV	10		
	Internet HDTV, 40" Full HD 1080p Resolution, 16:9 wide screen panel (1920x1080), Dual View with Internet & TV, ability to search acrossTV & Internet, Edge LED Backlighting, Built-In Wi-Fi®, Mobile PhoneApp.			

General Product Specifications

Backlight Type : Edge LED
 Display Device : LCD
 Size ; 40"
 Display Resolution : 1920 x 1080p (Full HD)
 Refresh Rate : 60Hz
 Screen Size (measured diagonally) : 32" (31.5")
 Viewing Angle (Right/Left) : 178(89/89)
 Viewing Angle (Up/Down) : 178(89/89)
 1080p Upscale : Yes
 24p True Cinema™ Technology : Yes
 3D Comb Filter : Yes
 Built-in Storage : 8GB
 RF (for Input Devices) : Yes
 Wireless LAN : 802.11.a/b/g/n
 Dolby Digital bit-stream : Yes
 LPCM 2ch : Yes (Up to 48kHz)
 4:3 Default : Yes
 Advanced Contrast Enhancer (ACE) : Yes
 Auto Wide : Yes
 CineMotion/Film Mode/Cinema Drive : Yes
 ID-1 Detection : Yes
 MPEG Noise Reduction : Yes
 Noise Reduction : Yes
 Picture Adjustments Lock : Yes
 Picture Mode : Vivid, Standard, Custom, Cinema, Graphics
 Picture Parameter Adjustment : Yes
 White Balance : Yes
 Wide Mode : Smart, 4:3, Wide, Zoom
 Backlight Off Mode : Yes
 Dynamic Backlight Control : Yes
 Eco Settings : Yes

Energy Star® compliant : Yes (Exceeds v4.1)
LightSensor™ Technology : Yes
Power Consumption (On Mode) for Energy Star : 60.8 W
Power Consumption (Standby Mode) for Energy Star : 0.5 W
P Auto CC on Mute : Yes
Channel Block (with password) : Yes (for ATSC)
Channel List : Yes
Channel Surf : Yes
Closed Captions (CC) : Yes
Info Banner : Yes
On/Off Timer : Yes
Online Instruction Manual : Yes
Parental Control : Yes
Video playback controls : yes
Home Screen : Yes
Notifications : Yes
Quick Search Box : Yes
Task Switcher : Yes
Web Browser : Yes
Window Manager : Yes
power Saving Modes : Yes
IP Network Update : Yes
DLNA (DMP) : Photo
UPnP Client : Video/Music/Photo
USB : USB Mass Storage Class
Photo Rotation : Yes
Slide Show Playback : Yes
AAC/MPEG4-AAC : Yes
GIF : Yes
H.264/MPEG-4 AVC : Yes
JPEG : Yes
MP3 (MPEG-1 Audio Layer) : Yes
PNG : Yes
AAC : Yes
Audio DAC : 48kHz/24bit
Audio Power Output : 20W (10W x 2)
Dolby Digital : Yes
Speaker Configuration : 2
Speakers (Total) : 2
5.1ch Through Out (Handycam) : Yes

Digital Amplifier : S-Master Digital Amplifier
Sound Mode : Dynamic, Standard, Clear Voice

AC Power : 1 (Rear)
Analog Audio Input(s) : 1 (Rear)
Analog Audio Output(s) : 1 (Headphone)
Component Video (Y/Pb/Pr) Input(s) : 1 (Rear) - Common with Component input
Composite Video Input(s) : 1 (Rear) - Common with Composite input
Digital Audio (Optical) : Output - 1 (Rear)
Ethernet Connection(s) : 10BASE-T/100BASE-TX/1000BASE-T (Rear)
HDMI™ Connection(s) Input(s) : 4 (2 Rear/ 2 Side)
Headphone Connection : Mini Stereo
Headphone Output(s) : Yes
IR Blaster : 2 (Rear)
USB 2.0 : 4 (Side)
Channel Coverage : VHF: 2-13 ch, UHF: 14-69 ch, CATV (analog): 1-135 ch, CATV (digital) : 1-135 ch
Number of Tuners (Analog) : 1
Number of Tuners (Digital) : 1 (Hybrid)
TV System (Analog) : M
TV System (Digital) : ATSC
Tuner (Cable) : Clear QAM
Tuner (Terrestrial) : ATSC Tuner, NTSC Tuner

Power Consumption (in Download Acquisition Mode) : 34 Wh/day
Power Consumption (in Operation) : 85 W
Power Consumption (in Standby) : 0.5 W
Power Requirements (frequency) : 60Hz
Power Requirements (voltage) : AC 120V
VESA® Hole Pitch : 200x200mm
VESA® Hole Spacing Compatible : Yes
OEM Warranty : 1 Year

Sony NSX-40GT1 or Equivalent **latest model**

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
5	32-Inch LCD HDTV with DVD Player	10		

General specifications

HDTV, 720p Display Resolution (1366x768) ,built-in digital ATSC , QAM and NTSC tuner, integrated slot-loading Full-Featured DVD Player with upconverting technology.

The flat panel display shall have the following in/out terminals:

HDMI inputs: 3

ColorStream HD component video inputs: 2

PC monitor input: 1 (VGA 15 Pin D-Sub)

RF input: 1 rear

A/V inputs: 2 (rear and side)

Optical audio output: 1

stereo speaker system with StableSound feature maintaining television volume within a preset range regardless of the source signal; SRS 3D, TruBass, and Focus sound-expanding systems, creating a 3-D sound field with improved bass response universal remote, stand, product manual

Toshiba 32LV67 32" Regza W LCD HDTV and DVD Combo or Equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
6	HDTV Monitor, LED back lit LCD Flat Panel, Multimedia, 42"	15		

General Specifications:

3D Ready, (3D glasses required). Full HD TV Monitor, LED-Backlit LCD, 42" Screen Size (Measured Diagonally), 1920x1080 / LED Plus w/ Local Dimming / TruMotion 240Hz / 5M:1 Dynamic Contrast Ratio / NetCast Entertainment Access / Wi-Fi Ready

Multimedia inputs, composite, S-Video, Component, VGA, HDMI, Audio in /outs, PC Audio in, multi scan formats, multi standard tuner (NTSC/ATSC/QAM), Dolby, Surround Sound, 2 X 10 W speakers, Hi brightness, Hi dynamic contrast ratio, Internet enabled broadband, local dimming feature, V chip parental control, intelligent sensor, Wide angle viewing, Fast response, Energy efficient Flat panel

Specifications:

Display Type: 3D LED-backlit

Screen Size (Inches/Diagonal) 42

HDTV Capable 3D HDTV Ready

Broadcast system: ATSC/NTSC/Clear QAM

Full HD 1080p Resolution

8,000,000:1 Dynamic Contrast Ratio

Screen Format 16:9 Widescreen TV Imaging

Viewing Angle: 178° / 178°

Native Display Resolution: 1920 x 1080

Refresh Rate: 240 Hz

Intelligent Sensor: Yes

Response Time: 2.0 ms

Pictures, Music and Video via USB 2.0: Yes

Audio Output Power (Watts - THD 10%): 20W (10W x 2)

Speaker System Details: 2 Way 4 Speakers

Surround System: Infinite Sound

Side Inputs/Outputs: 1 x AV In, 1x Component Video In + Audio, 1 x HDMI/HDCP (V1.3), 2 x USB 2.0 (JPEG/MPEG-4/DivX HD), 1 x Headphone Out

Rear Inputs/Outputs: 1 x RF In (Antenna/Cable), 1 x AV In, 2 x Component Video In (Y, Pb, Pr) + Audio, 1 x Digital Audio Out (Optical), 3 x HDMI/HDCP Input (V.1.3 w/Deep Color), 1 x RGB In (D-Sub 15pin) - PC, 1 x PC Audio Input, 1 x LAN, 1 x RS-232c In (Control/Service), 1 x Wireless Control

Picture Wizard II (Easy Picture Calibration)

AV Mode II (Cinema, Sports, Game)

Clear Voice II

ISFccc Ready

24P Real Cinema

USB 2.0 (JPEG, MP3, DivX HD)

DivX HD

SIMPLINK Connectivity

Dolby Digital 5.1 Decoder

Infinite Sound

NetCast Entertainment Access (Broadband): Yes

Internet Services: Yahoo! TV Widgets, Netflix, Vudu, YouTube, Picasa

Wireless HD Ready: Yes

WiFi Ready: Yes

Skype Ready: Yes

DNLA Certified: Yes

Smart Energy Saving

ENERGY STAR 4.0 Qualified

Intelligent Sensor

Swivel Stand (degrees): +20° / -20°

Remote Control Type: Universal

VESA Compliant (WxH): 200mm x 200mm

TV without stand (WxHxD): 40.0 x 24.8 x 1.2 in.

TV with stand (WxHxD): 40.0 x 27.2 x 10.6 in.

TV without stand weight: 36.8 lbs.

TV with stand weight: 43.0 lbs.

Manufacturer Warranty: One Year Parts and Labor

LG Electronics 42" 1080p 3D-Ready, Internet Enabled 42LX6500 or Equivalent **latest model**

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
7	HDTV Monitor, LED back lit LCD Flat Panel, Multimedia, 46"	12		

General Specifications:

Full HD TV Monitor, LED-Backlit LCD, 46" Screen Size (Measured Diagonally), 3D, Smart TV with Multimedia inputs, composite, S-Video, Component, VGA, HDMI, Audio in /outs, PC Audio in, multi scan formats, multi standard tuner (NTSC/ATSC/QAM), Dolby, Surround Sound, 2 X 10 W speakers, Hi brightness, Hi dynamic contrast ratio, Internet enabled broadband, local dimming feature, V chip parental control, intelligent sensor, Wide angle viewing, Fast response, Energy efficient Flat panel

Specifications:

3D-Ready : Yes

TV Type : LED-LCD Flat- Screen Size (Measured Diagonally) : 46"

Aspect Ratio : 16:9

Maximum Resolution : 1920 x 1080

Vertical Resolution : 1080p

Screen Refresh Rate : 240 Hz

Picture-In-Picture : Yes

Internet Connectable: Yes

DLNA : Yes

PC Inputs : 1

USB Port : Yes

HDMI Inputs : 4

Component Video Inputs : 1

Composite Inputs : 2

PC Interface : VGA (HD-15)

RF Antenna Input: 1

Audio Outputs: 3

Speaker Output Power : 20W

Speakers : 2

ENERGY STAR Qualified : Yes

V-Chip :Yes

Sleep Timer : Yes

Channel Labeling : Yes

Power Consumption (watts) Power On : 67

Power Consumption (watts) Stand-by : 0.2

Headphone Jacks : Yes

Watts/Channel : 10

AM/FM Tuner : Yes

Simulated Surround : Yes

Instant Content: Qriocity, Netflix, Hulu Plus, YouTube, Pandora, Skype

USB Input: Yes

Ethernet Port:Yes

Game mode,Connect share, All share, BDWise features

Product Dimension: 25.7/4" X 10-1/4" ; 39.2 lbs

Mount Bracket/VESA Pattern : 300mm x 300mm

Manufacturer Warranty: One Year Parts and Labor

Samsung UN46C7000 - 46" 7 Series 3D LED-backlit LCD TV or Equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
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8 HDTV/MONITOR, 50" MULTIMEDIA 12

This is specially intended for use in classrooms, main lobby and conference rooms etc. and as a replacement option for video projectors.

Vendor is responsible for the complete installation!

General Specifications:

Flat panel display LCD/Plasma, size 50" **Full HD 3D** , Infinite Black Panel Pro 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, videophone calling facility, THX® Certified Display 600Hz Sub-field Drive, viewing of full-HD photos and videos**

Multiple aspect ratio selectable

Specifications:

Progressive scan, Closed caption, MTS support, PIP/Split Screen, 50" 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 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

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 TC-P50VT25 50" Plasma TV or latest equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
9	HDTV Monitor, LED back lit LCD Flat Panel, Multimedia, 55"	10		

General Specifications

Full HD 1080p in 2D and 3D, 55" LED 3DTV with Internet Streaming Features, 2D to 3D Conversion, LED backlit, X-Reality Engine, Internet TV for streaming entertainment, Wi-Fi Ready, smooth motion processing, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input. Video phone, built-in Light Sensor, **Wi-Fi® Ready, DLNA® Streaming, Presence Sensor**

Specifications:

Audio Features

Audio Power Output: 10W + 10W
 5.1 Channel Audio Out
 5.1ch Through Out (Handycam)
 Auto Mute (on no signal)
 Auto SAP
 Dolby®: Dolby Digital, Dolby Digital Plus, Dolby Pulse
 Headphone/Speaker Link: Yes
 InS-Maste
 Sony Original Surround: S-Force Front Surround 3D
 Sound Booster
 Sound Enhance
 Sound Mode: Dynamic, Standard, Clear Voice, Custom
 Stereo System: MTS
 Surround Effect: Cinema, Sports, Music, Game

Broadcast Features

TV Guide On-Screen

Convenience Features

Auto Shut-off
 Channel Block (with password): Analog & Digital
 Channel Jump
 Channel Sur
 Control for HDMI™ (HDMI™ CEC)
 Edit Channel Labels
 Info Banner
 Input Skip: Automatic
 Label Inputs
 Multiple Language Display: English, French, Spanish
 On-Screen Clock
 On-Screen Display for External Input
 On-Screen Operating Instructions
 On/Off Timer
 PAP (Fixed or Variable): PAP(Variable)
 PIP (Picture in Picture)
 Parental Control
 Picture Adjustments Lock
 Picture Frame Mode
 Scene Select: Photo, Music, Cinema, Game, Graphics, Sports, Animation
 Show/Hide Channels
 Sleep Timer

USB Application(s)

Design Features

Stand Swivel

Stand Swivel Range: Left 20°/Right 20°

Stand Tilt: Yes

Stand Tilt Range: 0°- 6° Flexible

Display

Aspect Ratio: 16:9

Display Resolution: Full HD 1080p

Dynamic Contrast Ratio: Infinite4

Screen Size (measured diagonally): 55" (54.6")

Viewing Angle (Right/Left): 176°

Viewing Angle (Up/Down): 176°

Display Features

Backlight Type: Edge LED

Display Device: LCD

Energy Saving & Efficiency

Backlight Off Mode

Dynamic Backlight Control

Energy Star® compliant (Exceeds v4.1)

General Features

Audio Return Channel

Closed Captions (CC): Analog, Digital

Finish (Surface Color): Black

HDMI™ InstaPort

Start Up Sony Logo Display

Inputs and Outputs

AC Power Input: 1 (Rear)

Analog Audio Input(s) (Total): 2 (Rear)

Audio Out: 1 (Side/Hybrid)

Component Video (Y/Pb/Pr) Input(s): 1 (Rear/Hybrid)

Composite Video Input(s): 2 (1 Rear/1 Hybrid)

Digital Audio Output(s): 1 (Rear)

Ethernet Connection(s): 1 (Rear)

HDMI™ Connection(s) (Total): 4 (1 Side/3 Rear)

HDMI™ PC Input: Yes

Headphone Output(s): 1 (Side/Hybrid)

PC In (D-Sub) + Audio In (Stereo Mini): D-Sub 1(Side), Mini 1(Rear)

USB 2.0: 2 (Side)

Network Features

BRAVIA® Internet Video

DLNA

HTML Browser

Photo MAP

Wireless LAN: Ready (UWA-BR100 required, sold separately)

Power

Power Requirements (frequency): 60Hz for UL,cUL; 50/60Hz for other

Power Requirements (voltage): AC 120V for UL,cUL; AC 110-240V for other

Recycled & Recyclable Materials

Packaging Materials: Recycled Carton (more than 40%)

Regulation and Standards Compliance

VESA® Hole Pitch: 300 x 300 mm

VESA® Hole Spacing Compatible

Sensing Features

LightSensor™ Technology

Presence Sensor

Service and Warranty Information

Limited Warranty Term: 1Year Labor / 1 Year Parts

TV System

Channel Coverage: VHF: 2-13, UHF: 14-69, CATV: 1-135

Color System: NTSC

Number of Tuners (Analog): 1

Number of Tuners (Digital): 1

TV System (Analog): M

TV System (Digital): ATSC

Tuner (Cable): Clear QAM

Tuner (Terrestrial): ATSC

Video Features

Video Signal: 1080/24p (HDMI™ only), 1080/60i, 1080/60p (HDMI™ / Component), 720/60p, 480/60i, 480/60p

24p True Cinema™ Technology

3D Comb Filter 4:3 Default: Yes

Advanced Contrast Enhancer (ACE Auto Wide CineMotion® Reverse 3:2 Pulldown Technology

Deep Color

Intelligent Image Enhancer

Intelligent MPEG Noise Reduction Live Color™ Technology

Motionflow™ XR Technology: 240

PhotoTV HD

Picture Mode: Vivid, Standard, Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom, Cinema, Game-Standard, Game-Original, Graphics, Sports, Animation

Video Processing: X-Reality™ Engine

Wide Mode: Full, Normal, Wide Zoom, Zoom, Caption, Normal/Full1/Full2 for PC

Please Include:

Remote Control (RM-YD063)

AC Power Cord (attached)

Table Top Stand (separate, assembly required)

Approximate Dimensions w/o Pedestal:

Height	30 3/8 "
Width	50 "
Depth	1 5/8 "

Approximate Dimensions with Pedestal:

Height	31 1/2 "
Width	50 "
Depth	12 1/2 "

Product Weight (with stand): 70 lbs.

Warranty Information:

Manufacturer Warranty: One Year Parts and Labor

Sony KDL-55EX720 Or Equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
10	HDTV/MONITOR, 65" MULTIMEDIA	5		

This is a very large Flat Panel display specially intended for use in large classrooms, auditoriums, Lecture halls, main lobby and indoor sport venues, conference rooms etc. and as a replacement option for video projectors. Vendor is responsible for the complete installation!

General Specifications:

Flat panel display LCD/Plasma, size 65" **Full HD 3D** , Infinite Black Panel Pro with built-in ATSC & NTSC tuners, Composite, component, A/V, S-Video , HDMI, audio inputs, VGA,

built-in vertical speakers, videophone calling facility, THX® Certified Display 600Hz Sub-field Drive, viewing of full-HD photos and videos

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 TC-P65GT30 3D Plasma HDTV

or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
11	HDTV/MONITOR, 70" MULTIMEDIA	3		

This is a very large Flat Panel display specially intended for use in large auditoriums, Lecture halls, science lab and indoor sport venues, large conference rooms etc. and as a replacement option for video projectors. Vendor is responsible for the complete installation!

(Note to end-user: Please remember to order appropriate Pedestal & mounting hardware)

General Specifications:

Flat panel display 4 color LED backlit LCD, size 70" 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 stereo speakers & subwoofer, internet connectable with built-in WiFi, IP Control which enables a PC or Control Panel to control basic TV functions, video and audio equipment, and lighting via the Ethernet terminal or wireless LAN connection using built-in WiFi.

Digital audio playback, digital photo playback, digital video playback, Internet streaming video playback Multiple aspect ratio selectable, 120HZ refresh rates, Energy Star regulatory approvals, 3 Year warranty Specifications:

Specifications

General:	
Depth:	14.2 in
Enclosure Color:	Black
HDCP Compatible:	Yes
HDMI Ports Qty:	4 port(s)
Height:	39.8 in
PC Interface:	VGA (HD-15)
Product Type:	70 Class (69.5 viewable) LED-backlit LCD TV
Video Interface:	Component, composite, HDMI
Weight:	121.3 lbs
Width:	63.4 in
Jacks, IN-OUT:	
Component Input Sets, Total Number:	1
Composite Video Inputs, Number:	1
HDMI Inputs, Number:	4
PC Input:	Yes
USB Inputs, Number:	2
Other Audio Enhancements:	

Watts per Channel:	10 watts
Product Overview:	
Depth:	2 to 5 in.
Feature:	1080p
Features:	Internet capable
General Warranty:	1 year parts and labor
Height (with stand):	29 in. or more
Item Weight:	114.6 lbs.
Number of HDMI Inputs:	4 or more
Resolution:	1080p
Resolution:	Full HD - 1080p
Screen Size:	70" Class (69.5" viewable)
TV Type:	LED
Type:	LED LCD
Display:	
Additional Features:	UltraBrilliant LED System, X-GEN panel, Vyper Drive, Quattron Quad Pixel Technology, Quad Pixel Plus
Diagonal Size:	70 Class (69.5 viewable) - widescreen
Display Format:	1080p (FullHD)
Dynamic Contrast Ratio:	6000000:1
Enhanced Refresh Rate:	120 Hz
Image Aspect Ratio:	16:9
LCD Backlight Technology:	LED backlight - full array
Motion Enhancement Technology:	120Hz Fine Motioned Advanced
Pixel Response Time:	4 ms
Progressive Scan:	Progressive scanning (line doubling)
Resolution:	1920 x 1080
Technology:	TFT active matrix
TV Tuner:	
Analog TV Tuner:	NTSC
Reception System:	NTSC
Digital TV Tuner:	
Digital TV Tuner:	ATSC, QAM
Video Features:	
Analog Video Input Signals:	NTSC
Input Video Formats:	1080p
Audio System:	

Output Power / Total:	35 Watt
Sound Output Mode:	Stereo
Speaker(s):	2 x right/left channel speaker - built-in - 10 Watt 1 x subwoofer - built-in - 15 Watt
Speakers Included:	2 speakers, subwoofer
Media Player:	
CMLBL_Media Player: _USB Port:	Yes
Dimensions:	
Depth:	3-1/2 in.
Depth with Stand (inches):	14-7/32 in.
Height:	38-25/64 in.
Height with Stand (inches):	39-11/16 in.
Width:	63-1/2 in.
Width:	51 in. or more
Width with Stand (inches):	63-1/2 in.
Connections:	
Connector Type:	4 x HDMI input (19 pin HDMI Type A) 1 x HD component input (RCA phono x 3) 1 x composite video input (RCA phono) Audio line-in (RCA phono x 2) 1 x serial 1 x VGA input (15 pin HD D-Sub (HD-15)) 1 x network (RJ-45
Environmental Standards:	
ENERGY STAR Qualified:	Yes
Network & Internet Multimedia:	
Connectivity:	Wireless, wired
Connectivity Protocols:	IEEE 802.11b (Wi-Fi), IEEE 802.11a, IEEE 802.11g, IEEE 802.3 (Ethernet), IEEE 802.11n
Functionality:	Digital audio playback, digital photo playback, digital video playback, Internet video playback
Internet Streaming Services:	CinemaNow, Netflix, Vudu, AQUOS Net
Power:	
Nominal Voltage:	AC 120 V (60 Hz)
Power Consumption Operational:	230 Watt
Power Device:	Power supply - internal
Display, Enhancements:	
Response Speed:	4ms
Dimensions & Weight Details:	
Dimensions & Weight Details:	Panel without stand - 63.4 in x 3.5 in x 38.4 in x 114.6 lbs

	Panel with stand - 63.4 in x 14.2 in x 39.8 in x 121.3 lbs
Internet Connectivity:	
Internet Connectable:	Yes
Manufacturer Warranty:	
Service & Support:	1 year warranty
Service & Support Details:	Limited warranty - parts and labor - 1 year

Sharp LC 70LE732U - 70" or Equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
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12 Blu-Ray disc player 20

This is intended for use in classroom, office, auditorium, lobby etc
Bluray DVD playback operations

General Specifications:

FULL HD 3D Blu-ray Disc Playback, 2D-3D Conversion

1080p high definition resolution Compatible with Blu ray disc and backward compatible with CD/DVD, 3D Up scaling, WiFi Ready,

3D Effect Controller, Auto Answering Video Message, streaming capable

Specifications

BD Profile FULL HD 3D BD, BD-Video

BD-RE / BD-RE DL: Version 3, JPEG/MPO

BD-R/BD-R DL: Version 2, MKV

DVD-ROM: DVD Video

DVD-RAM: DVD-VR, JPEG, AVCHD

DVD-R/-RW/-R(DL) Playback: DVD Video, DVD-VR, AVCHD, JPEG/ MP3/MPO

(DVD-R/ DVD-R DL), MKV (DVD-R/ DVD-R DL)

+R/+R(DL)/+RW Playback: Video, AVCH

CD: CD-DA

CD-R/-RW: CD-DA, MP3 6, JPEG / MPO, MKV

SD Memory Card: SD Memory Card, SDHC Memory Card,

SDXC Memory Card

USB: JPEG /MPO, MP3, MKV

HDMI (Output): 1

USB Port: 2

Video Out: yes

Analog Audio Out: 2 Ch.

SD Memory Card Slot: Yes

Ethernet: Yes (for BD-Live, VIERA CAST and Firmware Update)

Dimensions (WxHxD): 16-15/16" x 1-7/16" x 7-1/16"

Weight: 3.52 lbs

Remote Control With Two AA Batteries, User's Manual

Panasonic DMP-BDT310 Integrated-Wi-Fi 3D Blu-ray DVD Player
or Equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
13	DVD/S-VHS/HDD COMBO RECORD/PLAY OR CLASS ROOMS.	10		

General Specifications:

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), HDMI. One year warranty.

Panasonic **DMR-EH75VS** or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
14	DVD VHS Recorder with Built in Tuner	10		

General Specifications:

multi-featured operation with VCR and DVD playback, Digital tuner enabling recording Off The Air OTA channels, 1080p upconversion to near HD quality via HDMI and a. Facility to copy VHS tapes to DVD with bi-directional dubbing, on-screen slideshow of digital photos .

DVD

Playable Disk Types*

DVD-Video, DVD-RW, CD-R, CD-DA, DVD+R, VCD, DVD-R, CD-RW, DVD+RW, SVCD

Progressive Scan 3:2 Pulldown

Progressive out

VCR

Media Type : VHS

Recording / Playback Speed : SLP, SP, EP

Audio

24bit / 192kHz A/D, DTS digital output,

Stereo, 3D Surround

IN/Outs

1 x component video output (RCA phono x 3) - rear 1 x composite video/audio input (RCA phono x 3) - front 1 x composite video/audio input (RCA phono x 3) - rear 1 x composite video/audio output (RCA phono x 3) - rear 1 x S-Video output (4 pin mini-DIN) - rear 1 x SPDIF output (RCA phono) – rear

Include Remote control

Manufacturer's Warranty One Year

Toshiba DVR670 DVD VHS Recorder with Built in Tuner or Equivalent latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
15	Universal Network 3D Blu-ray Disc Player	5		

General Specifications:

supports the new Blu-ray 3D specifications, BD-Live™ (Profile 2.0) including all necessary hardware - audio/video decoder, Ethernet and wireless networking, and 1GB of internal storage - for BD-Live; supports BonusVIEW (Profile 1.1) enabling "picture-in-picture" and audio features for viewing director or actor commentary while the main movie is playing. Super Audio CD (SACD), supports both stereo and multi-channel high resolution audio programs, Supports additional disc and file formats, such as DVD, audio CD, HDCD, Kodak Picture CD, AVCHD, MP4, DivX, MKV, FLAC, WAV and other audio/video/picture files on recorded discs, Playback USB or eSATA drives, Per-pixel motion-adaptive de-interlacing, Additional Qdeo video processing options, True 24p™ Video, user selectable video output resolutions, including 480i, 480p, 720p, 1080i, and up to 1080p 50 or 60Hz.

Source Direct Mode, Multiple Zoom Modes, Dual HDMI v1.4a Outputs, Dolby® TrueHD, DTS-HD Master Audio™, 7.1-Channel Analog Output, Digital Optical and Coaxial Outputs, Dual HDMI Outputs, eSATA Port, Wireless & Ethernet, incorporates Marvell's Kyoto-G2 video processor with the second generation Qdeo video processing, Dual USB Ports, supports NTSC and PAL systems for both disc playback and video output, Universal Power Supply, external IR IN port to use with an IR distribution system, HDMI CEC

Disc Types*	BD-Video, Blu-ray 3D, DVD-Video, DVD-Audio, AVCHD, SACD, CD, HDCD, Kodak Picture CD, CD-R/RW, DVD±R/RW, DVD±R DL, BD-R/RE, BD-R/RE DL
BD Profile	BD-ROM Version 2.4 Profile 5 for 3D (also compatible with Profile 2, Profile 1 Version 1.0 and 1.1)
Internal Storage	2GB (Approximately 1GB available for BD-Live persistent storage. Actual storage varies due to system usage)
Output	Analog Audio: 7.1ch, 5.1ch, or stereo Digital Audio: Coaxial, Optical HDMI Audio: Stereo, up to 7.1ch high-resolution PCM, up to 5.1ch DSD, bitstream or LPCM conversion of Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS, DTS-HD High Resolution Audio, and DTS-HD Master Audio. Analog Video: Composite, Component Video (Y/Pb/Pr, 480i/480p, 720p/1080i available for non-restricted content only) Digital Video: HDMI with HDCP (NTSC: 480i/480p/720p/1080i/1080p/1080p24, PAL 576i/576p/720p/1080i/1080p/1080p24)
Video Characteristics	Composite Video Amplitude: 1.0Vp-p (75Ω) Component Video: Y: 1.0Vp-p (75Ω), Pb/Pr: 0.7Vp-p (75Ω)
Audio Characteristics**	Frequency: 20Hz - 20kHz (±0.3dB), 20Hz - 96kHz (±2.0dB) Signal-to-Noise Ratio: >110dB (A-weighted) THD+N: < 0.002% (1kHz at 0dBFS, 20kHz LPF)
General Specification	Power Supply: ~ 100V - 240V, 50/60Hz AC Power Consumption: 35W (0.5W Standby) Dimensions: 430mm x 311mm x 79mm, 16-7/8 x 12-1/4 x 3-1/8 inches Mass: 4.9kg / 10.8 lbs
Operating Temperature	5°C - 35°C 41°F - 95°F
Operating Humidity	15% - 75% No condensation

Oppo Model BDP-93 or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
16	ART FOR LCD DISPLAY	12		

**INCLUDING 2 VCR/DVD PLAYER MOUNTING SHELVES
ASSEMBLY & INSTALLATION REQUIRED
BY THE VENDOR**

General Specifications:

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
17	MINI DV/DVD/HDD COMBO	10		

This is intended for multimedia recording, playback and dubbing

General Specifications:

Triple Recorder Combos, Variable speed playback, MiniDV, HDD, DVD-Video, DVD-RAM, DVD-RW, DVD-R, CD, SVCD, VCD, CD-R/RW, WMA/MP3/JPEG Digital Still (CD-R/RW) formats

250GB HDD, Progressive Scan Output, i.LINK Connection (DV Input for HDD/DVD/MiniDV, DV Output for MiniDV)

VCR Plus+ (HDD/DVD), Dolby Digital/DTS/MPEG Digital Output (HDD/DVD), Component Video Output

DV-Format Recording (MiniDV), Bit-Rate Optimizer (Intelligent Dual-Pass Encode Dubbing System) (HDD—>DVD), Super MPEG Encode Pre-Processor: Time Base Corrector, Frame Synchronizer and Motion Active Noise Reduction, 16-Hour DVD Recording (on Double-Sided Disc), Live Memory (HDD/DVD-RAM)

Simultaneous Recording and Playback (HDD/DVD-RAM), Relief Recording (HDD)

Linear PCM Audio Recording (XP Mode Only), 1.5x Quick Playback with Sound (HDD)

6-Way Dubbing, Freezeless Editing for DVD Disc (HDD—>DVD)

High-Speed Dubbing, Max. 64x (HDD—>DVD), Playlist-Based Editing (HDD/DVD)

Just Dubbing (HDD—>DVD), Easy Program Dubbing (HDD/DVD)

Specifications

Triple Recorder Combos

Playable Formats

DVD-Video
DVD-RAM / -RW (VR & Video) / -R
CD-DA
CD-R/RW
SVCD/VCD
MP3 (CD-R/RW)
WMA (CD-R/RW)
JPEG (CD-R/RW)
Recordable Formats
DVD-RAM / -RW (VR & Video) / -R

HDD Capacity

250GB

PAL Playback on NTSC TV

Yes (DVD)

Output Level

2.0V RMS (HDD/DVD)

Recording Audio Formats

Dolby Digital/Linear PCM (XP Mode Only) (HDD/DVD) ;
PCM 48/32kHz (MiniDV)

Audio D/A Converter

192kHz/24-bit (HDD/DVD)

Dolby Digital/DTS/MPEG Digital Out

Yes/-/Yes (HDD) ; Yes/Yes/Yes (DVD)

Virtual Surround

Yes (DVD)

Audio Dubbing (12-bit x 2-Channel)

Yes (MiniDV)

Horizontal Resolution (Recording and Playback: XP/SP)

Approx. 500 Lines (HDD/DVD)

Recording Video Formats

PAL MPEG-2 (HDD/DVD) ; NTSC DV (MiniDV)

Recording Time (Approx.)

XP

53 Hours (HDD) ; 1 Hour (DVD)

SP

109 Hours (HDD) ; 2 Hours (DVD) ; 80 Minutes (MiniDV, DV80 Tape)

LP

218 Hours (HDD) ; 4 Hours (DVD) ; 120 Minutes (MiniDV, DV80 Tape)

EP

328 Hours (HDD) ; 6 Hours (DVD)

FR

53-473 Hours (63-Step) (HDD); 1-8 Hours (63-Step) (DVD)

Video D/A Converter

10-bit/54MHz (HDD/DVD)

Progressive Scan Output

Film Source

Digital Direct Progressive Scan (HDD/DVD)

Video Source

Motion Active Progressive Scan (HDD/DVD)

Super MPEG Encode Pre-Processor

Time Base Corrector

Yes (HDD/DVD)

Frame Synchronizer

Yes (HDD/DVD)

Motion Active Noise Reduction

Yes (HDD/DVD)

Super MPEG Post-Processor

Block Noise Reduction Circuit

Yes (HDD/DVD)

Color DigiPure

Yes (HDD/DVD)

Hadamard Noise Reduction System

Yes (HDD/DVD)

Live Memory

Yes (HDD) ; Yes (DVD-RAM)

Playback during Recording

Yes (HDD/DVD-RAM)

RetroActive Recording

Yes (HDD)

<u>Relief Recording</u>	Yes (HDD)
Auto 16:9 Record & Playback	Yes (HDD/DVD/MiniDV)
<u>6-Way Dubbing</u>	Yes (HDD/DVD/MiniDV)
<u>Bit-Rate Optimizer (Intelligent Dual-Pass Encode Dubbing System) (HDD-->DVD)</u>	Yes (HDD/DVD)
<u>HDD-->DVD High-Speed Dubbing</u>	
Max. 64x	Yes (RAM 5x, -RW 4x, -R 8x) (HDD/DVD)
<u>Freezeless Editing for DVD Disc (HDD-->DVD)</u>	Yes (HDD/DVD)
<u>Playlist-Based Editing</u>	Yes (HDD/DVD)
Insert Editing	Yes (MiniDV)
DVD-R Menu Screen with Thumbnail (18 Designs)	Yes
<u>Library Database DVD Navigation</u>	Yes (Max. 600 Discs/2,000 Titles)
<u>Animated Thumbnail on HDD/DVD Navigation</u>	Yes (HDD) ; Yes (DVD-RAM/DVD-RW VR)
1.5x Quick Playback with Sound	Yes (HDD)
Variable Search (Forward/Reverse)	+/-4 Steps (HDD/DVD) ; +3 Steps (MiniDV)
Variable Slow (Forward/Reverse)	+/-3 Steps (HDD/DVD) ; +/-1 Steps (MiniDV)
Natural Reverse Playback (-1x)	Yes (HDD/DVD)
Time Skip	Yes (15 Min./30 Min./1 Hr.) (HDD/DVD)
Quick Skip (30-Sec. FWD Skip)	Yes (HDD/DVD/MiniDV)
One-Touch Replay	Yes (7 Sec.) (HDD/DVD/MiniDV)
Resume Function	Yes (with Title) (HDD) ; Yes (DVD-Video: 30-Disc/DVD-VR: On Library) (DVD)
Number of Titles	200 (HDD) ; 99 (DVD)
FF/REW Speed	100 Sec. (MiniDV)
Next Function Memory	Yes (REW-->PLAY, EJECT)
MTS Decoder	Yes (HDD/DVD)
Channel Storage	181 ch (HDD/DVD)
<u>Plug & Play</u>	Yes
Timer Program	1-Year/32-Program (HDD/DVD)
VCR Plus+	Yes (HDD/DVD)
Permanent Program Memory	Yes (HDD/DVD)
Front	
S-Video In	Yes (HDD/DVD/MiniDV)
Composite In	Yes (HDD/DVD/MiniDV)
Audio L/R In	Yes (HDD/DVD/MiniDV)
Rear	
RF In/Out	Yes/Yes (w/o Converter) (HDD/DVD/MiniDV)
Component Out	Yes (HDD/DVD)
S-Video In/Out	Yes (1) /Yes (2: HDD/DVD/DV x 1; HDD/DVD x 1)
Composite In/Out	Yes (1) /Yes (2: HDD/DVD/DV x 1; HDD/DVD x 1)
Audio L/R In/Out	Yes (1) /Yes (2: HDD/DVD/DV x 1; HDD/DVD x 1)
Optical Digital Out	Yes (HDD/DVD)
Coaxial Digital Out	Yes (HDD/DVD)
<u>DV In/Out</u>	Yes/- (HDD) ; Yes/- (DVD) ; Yes/Yes (MiniDV)
On-Screen Display	
<u>GUI (Graphical User Interface)</u>	Yes (HDD/DVD/MiniDV)
On-Screen Language	Eng./Fre./Spa.
Remote Control	Yes (Multi-Brand)
Power Backup Time	60 Min.
Power Requirements	AC 120V/60Hz

Power Consumption	
Power On	49.0W
Standby	12.0W
Dimensions (W x H x D)	
inches	17-3/16 x 3-13/16 x 16-1/8
mm	435 x 96 x 383
Weight	14.1 lbs, 6.4 Kg

JVC DR-DX5S or Latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
18	TV Tuner/Receiver, Stand Alone ATSC/NTSC/QAM	15		

Stand Alone ATSC/NTSC/QAM Receiver ,Tunes and decodes all 18 approved ATSC DTV broadcast formats, Selectable DTV output resolution (480i/480p/720p/1080i) , Standard definition NTSC 480i output , Selectable Aspect ratio 4:3 and 16:9, Component (YPbPr) and composite (CVBS) video outputs, Stereo analog audio output, On-Screen Menu, Advanced Electronic Program Guide, V-CHIP & Closed Captioning from ATSC and NTSC source,

Specifications

RF Inputs

Digital off-air (ATSC) ATSC reception of broadcast physical channels 2-69 / tuning frequency 55.25 to 859.25 MHz

Analog off-air (NTSC) NTSC reception of broadcast physical channels 2-69 / tuning frequency 5.25 to 859.25 MHz

Cable TV (NTSC/QAM) NTSC reception of cable channels 2-125 (STD) and 1-125 (HRC, IRC)

Input Impedance 75 Ohm female F-Connector

Bandwidth 6 MHz

Demodulator 8 VSB

ATSC TOV (Sensitivity) Min. -80dBm
Max. -8dBm

Video

Formats MPEG-2 Compatible MP@HL

Aspect Ratio 4:3, 16:9

Picture Resolution / TV Format Selectable 1080i/720p/480p/480i/ All 18 ATSC DTV format

Video Output: CVBS, YPbPr ;Composite (CVBS)

CVBS Level: 1Vpp $\pm$ 10% @ external 75 Ohm impedance

Component (YPbPr) Y Level: 1 Vpp $\pm$ 10% @ external 75 Ohm impedance

Pb Level: 0.7Vpp $\pm$ 10% @ external 75 Ohm impedance, DC Couple

Pr Level: 0.7Vpp $\pm$ 10% @ external 75 Ohm impedance, DC Couple

Audio

Decode MPEG-1 (Layer I & II), AC-3

Sampling Rate 32 KHz, 44.1 KHz, 48KHz

Output Stereo, mono-LR

Left/Right Channel Level 2Vpp 10% @ internal 10K Ohm impedance

Applications & Software

On-Screen Menu Supported

Graphical Menu 256 indexed true color

OSD transparency setting 5 levels

Closed Caption EIA-708B & EIA-608

V-CHIP Support MPAA, USTV (EIA-766)

Electronic Program Guide 16-day EPG

Warranty Terms: - 1 year, Parts, Labor - 90 days

ToteVision ATSC-100 Stand Alone ATSC/NTSC/QAM Receiver / TV Tuner or Latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
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19 Recorder, SD memory card Recorder

5

Handheld AVCCAM HD Recorder/Player, AVCHD **MPEG-4 AVC/H.264 Technologies** solid-state recorder, 1080/60i, 1080/50i, 720/60p and 720/50p content in three recording modes - the highest quality PH mode (average 21 Mbps/max. 24 Mbps), HA mode (approx.17 Mbps) and HG mode (approx.13 Mbps). The fourth recording mode, HE (approx. 6 Mbps), a built-in 3.5" LCD screen, battery-powered, HD-SDI in/out, HDMI output and USB 2.0. One-touch operation user button (choose from 11 functions for instant access), Meta-data recording, includes 7.2 V 2640 mA battery

HD / SD down conversion and output as SD (via HD-SDI input and HD/SD-SDI output)

Time and date and TC/UB can be inserted into the recorded signal

Versatile Solid-state recording and operational functions, including shot mark, pre-record, record check (2-sec playback of previously recorded clip for confirmation), last clip delete, auto record, metadata recording, LCD image reverse, index flags

Convenient playback functions (resume playback, repeat, clip fast forward/rewind, frame by frame playback)

Waveform monitor plus simplified vectorscope display

internal speaker and headphone jack

Additional features include color bar and tone, key lock, camera remote controls

Useful LCD Reverse flips the image on the display

Three-year warranty program (1 year + 2 years additional upon registration)

Specifications

built-in LCD screen: 3.5"

battery:1

HD-SDI in : 1

HD-SDI in :1

HDMI output :1

USB 2.0. : 1

Mic in :1

Headphone out : 1

Size: 3.78" X 3.83" X 2.07"

Panasonic Model **AG-HMR10** Handheld AVCCAM HD Recorder/Player or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
20	CAMCORDER, Multi Format,	10		

General Specifications:

The 3-Megapixel, 3MOS AVCCAM Camera with Both HD and SD Recording Capabilities

3-chip imager with 10.6-megapixel still image camcorder AVCHD recordings on integrated SD card drive, HD / SD formats, full HD resolution 3-megapixel 3MOS imager in 1920 x 1080 or 1280 x 720 AVCHD video, high sensitivity, MPEG-4 AVC/H.264 high profile encoding, AVCCAM HD recording modes including the highest-quality PH mode (average 21 Mbps/Max 24Mbps), the HA mode (approx.17 Mbps), the HG mode (approx.13 Mbps) and the extended recording HE mode (approx. 6 Mbps).

camcorder recording in AVI Type 2 file format offering squeeze, letter box and side crop options for SD format.

12X optical zoom featuring 40.8mm (35mm lens equivalent) wide-angle setting, user-assignable manual focus ring functions (Focus/Iris/Zoom; time code/UB recording; time/date stamp; and two wired remote control terminals (for zoom, focus, iris, REC start/stop controls), Optical Image Stabilizer (OIS), Dynamic Range Stretch (DRS), Cine-Like Gamma mode,

HDMI output (AVCHD only), USB 2.0 (mini B-type devices), composite output (BNC x 1), analog component (BNC x 3), IEEE 1394 output (DV only), built-in stereo microphone, a 3.5 mm external mic-in jack, two locking XLR inputs with switches for mic/line, and +48V Phantom Power capability.

recording functions including pre-record, interval recording, shot marker and metadata capture. waveform monitor display, focus assists such as focus bar display and enlarged display, auto focus with face detection, white balance, mode display, zebra display, color bar, tally lamps, slow smooth zoom and soft landing, slow shutter and synchro-scan shutter functions, three programmable user buttons, wireless remote.

Compatible with Apple Final Cut Pro 7.0, Adobe Premier Pro CS4, EDIUS Pro 5.12 and EDIUS Neo 2.

Specifications:

HDMI output (AVCHD only): 1

USB 2.0 (mini B-type devices):1

composite output: (BNC x 1)

analog component: (BNC x 3)

IEEE 1394 output :1(DV only),

stereo microphone: built in

mm external mic:1

locking XLR inputs:2 (with switches for mic/line)

+48V Phantom Power capability.

Warranty for 3 Years labor & Parts

Panasonic AG- HMC80 or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
21	TRIPOD SYSTEM (MINI DV CAMERA)	10		
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.				

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
22	LED Dance Floors	3		
General Specifications: 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				

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
23	MONITOR,LCD, 19", HDMI	10		

General Specifications

19-inch LED Backlit LCD HDTV, 1366 x 768 pixels, support for 16.7 Million colors. High Definition Resolution including 720P, 1080i, 480P and 480i.

20,000:1 Dynamic Contrast Ratio,

Ambient Lighting, 170/160 Degree horizontal/vertical viewing angle

Two built-in 3-watt speakers

SRS Audio Technologies, Included Remote, ECO HD

Technical Specifications

Screen Size: 19-inches

Tuner: NTSC/ATSC/QAM

Native Panel Resolution: 1366 x 768 pixels

Signal Compatibility: 720P, 1080i, 480P, 480i

Computer Support: 1920 x 1080, 1024 x 768, 800 x 600, 640 x 480 via RGB/HDMI

Dynamic Contrast Ratio: 20,000:1

Brightness: 250 nits

Response Time: 5ms

Refresh Rate: 60Hz

LED: edge lit

HDMI (with HDCP): 2

Component: 1

RF: 1

Computer Input (RGB): 1

SPDIF Digital Optical Output: 1

Headphone Output: 1

USB: 1 (side; supports JPEG image format)

V-Chip: Yes

3D Comb Filter: Yes

3:2 or 2:2 Reverse Pull-down: Yes

ATSC with 8VSB and QAM demodulation: Yes

ATSC with MPEG-2 decoding: Yes

NTSC Video decoding via Video: Yes

Progressive Scan Video: Yes, thru Component VGA or HDMI

Color Fine Tuning: Independent Red, Green and Blue

Remote Control: VR10

Panel Lamp Life (typical): 30,000 hours

Voltage Range: 120Vac at 60Hz

Power Consumption: 25W, <1W Standby

Wall Mount Hole Pattern: VESA standard 75mm x 75mm

Dimensions

TV with stand: 18.01" x 12.54" x 4.28" (WxHxD); 7.48 pounds

TV without stand: 18.01" x 12.54" x 2.29" (WxHxD); 6.71 pounds

Warranty: One year parts and labor, and free lifetime technical support.

Vizio Class 720p 60Hz LED LCD HDTV model M190VA

Or latest model

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
24	TELEVISION STUDIO FOR ELEM. SCHOOLS	4		

General Specifications:

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**. The vendor shall ensure that all the system components are compatible and together constitutes a flawless, functional system. 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. The patch cables are bundled in separate "umbilical chords" for video, audio and data/computer cables for connectivity to the I/O panels. (schematic Diagram is available from TV Resources up on request). The vendor shall provide itemized price for each item to adjust for deletion or addition of individual item.

The vendor shall be required to commission the TV studio within 4 months of the date of the Purchase Order !

ITEM DESCRIPTION	TYPICAL MAKE /MODEL	QY
Camcorder, 3CCD adapted for studio use with Tally, ext. VF, SD Card (as specified in bid item#19)	Panasonic AG- HMC80	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, LAVALIER, ELECTRIC CONDENSER, SONY	ECM-44B	3
MIC, HAND HELD	SHURE SM57	3
ATTENUATOR, LINE TO MIC		2
VIDEO PROD. SWITCHER, HD/SD Integrated Recorder TriCaster VM™, TimeWarp™, LiveText™, DataLink	*Newtek Tricaster TCXD 300	1
MONITOR 4", PVW, LCD, MARSHALL ELECTRONICS	V-LCD4-PRO-L	4
TV/MONITOR, LCD40" HDMI ATSC/NTSC/QAM Tuner		2
SDHC/SD Memory Card	RP-SDW16G	4
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,	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

***Educational price applies!**

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
25	TELEVISION STUDIO FOR MIDDLE SCHOOLS	3		

General Specifications:

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**. . The vendor shall ensure that all the system components are compatible and together constitutes a flawless, functional system. 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. Upon 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. The patch cables are bundled in separate "umbilical chords" for video, audio and data/computer cables for connectivity to the I/O panels.(schematic is available from TV resources upon request). The vendor shall provide itemized price for each item to adjust for deletion or addition of individual item.

The vendor shall be required to commission the TV studio within 4 months of the date of the Purchase Order

ITEM DESCRIPTION	TYPICAL MAKE /MODEL	QTY
Camcorder, 3CCD adapted for studio use with Tally, SD Card (as specified in bid item)	Panasonic AG- HMC80	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, LAVALLIER, ELECTRIC CONDENSER, SONY	ECM-44B	3
MIC, HAND HELD	SHURE SM57	3
ATTENUATOR, LINE TO MIC		2
VIDEO PROD. SWITCHER, HD/SD Integrated Recorder TriCaster VM™, TimeWarp™, LiveText™, DataLink	*Newtek Tricaster TCXD 300	1
TV/Monitor, 32", Flat Panel, Multimedia VGA, HDMI, RF,	Viewsonic N3290W	2
Handheld AVCCAM HD Rec/Player w.bundled NLE	Panasonic AG-HMR10	1
SDHC/SD Memory Card	RP-SDW16G	4
TV/MONITOR, LCD 42" HDMI ATSC/NTSC/QAM Tuner		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 SSYTEM	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
HD/SD Sync Generator	GEN10	1
MIC, WIRELESS, FREQ.AGILE, SYSTEM	ATW-1128	1
INSTALLATION/DOCUMENTATION/TRAINING		1

***Educational price applys!**

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
26	TELEVISION STUDIO FOR HIGH SCHOOLS	3		

General Specifications:

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**. The vendor shall ensure that all the system components are compatible and together constitutes a flawless, functional system. 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. Upon 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. The patch cables are bundled in separate "umbilical chords" for video, audio and data/computer cables for connectivity to the I/O panels. (schematic diagram is available from TV resources up on request). The vendor shall provide itemized price for each item to adjust for deletion or addition of individual item.

The vendor shall be required to commission the TV studio within 4 months of the date of the Purchase Order

ITEM DESCRIPTION	TYPICAL MAKE /MODEL	QTY
Camcorder, 3CCD adapted for studio use with Tally, ext. VF, SD Card (as specified in bid item)	Panasonic AG- HMC80	3
AC ADAPTER/BATTERY CHARGER		2
LI-ION BATTERY		2
BATTERY ADAPTER		2
Converter Component to SD SDI	AJA- D10A	3
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, LAVALLIER, ELECTRIC CONDENSER, SONY	ECM-44B	3
MIC, HAND HELD	Shure SM58-CN	3
VIDEO PROD. SWITCHER, HD/SD Integrated Recorder TriCaster VM™, TimeWarp™, LiveText™, DataLink	*Newtek Tricaster TCXD 300	1
TV/Monitor, 32", Flat Panel, Multimedia VGA, HDMI, RF,	Viewsonic N3290W	2
P2 Memory Card Portable Recorder	Panasonic AG-HPG20	1
P2 Memory Card	Panasonic - AJ-P2E016XG 16GB E-Series	3
TV/MONITOR, LCD 42" HDMI ATSC/NTSC/QAM Tuner		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 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 analong 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 SSYSTEM	Chyron ChyTV-IP-N	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
HD/SD Sync Generator	GEN10	1
MIC, WIRELESS, FREQ.AGILE, SYSTEM	ATW-1128	1
INSTALLATION/DOCUMENTATION/TRAINING		1

****Educational price applys!**

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
27	Multimedia Projector, 3 LCD, portable	20		

General Specifications

Front/Rear projection, 3,000 ANSI Lumens (Max)¹, contrast ratio of 2000:1

Native XGA (1024 x 768) resolution

Zoom Lens, Verical & Horiz. Kerning correction, Full connectivity supporting PC, S-video, composite video, component video via VGA Million true colors, extended lamp life (up to 6000 hours)

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, USB Port, HDMI, Closed Captioning,

Networked monitoring & control, message broadcasting,

Projection System: Epson 3LCD, 3-chip technology

Projection Method: Front / rear / ceiling mount

Driving Method: Epson Poly-silicon TFT Active Matrix

Pixel Number: 786,432 dots (1024 x 768) x 3

White Light Output: 3000 lumens (ISO 21118 standard)¹

Color Light Output: 3000 lumens¹

Aspect Ratio: 4:3

Native Resolution: 1024 x 768 (XGA)

Resize: 640 x 480 (VGA), 800 x 600 (SVGA), 1152 x 864 (SXGA), 1280 x 800 (WXGA), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1280 x 768 (WXGA 60-1), 1360 x 768 (WXGA 60-2), 1440 x 900 (WXGA+), 1400 x 1050 (SXGA+), 1600 x 1200 (UXGA)

Lamp Type: E-TORL™ 200 W UHE

Lamp Life:

ECO mode: Up to 6000 hours²

Normal mode: Up to 5000 hours²

Throw Ratio Range: 1.38 – 2.24

Size (projected distance): 30" – 300" (0.84 – 8.4 m)

Keystone Correction: Automatic: Vertical: ±30 degrees Manual: Horizontal: ±30 degrees

Contrast Ratio: Up to 2000:1

Color Reproduction: 16.77 million colors

Projection Lens

Type: Manual optical zoom / Manual focus

F-number: 1.51 – 1.99

Focal Length: 18.2 mm – 29.2 mm

Zoom Ratio: Optical zoom 1.0 – 1.6

Other

Display Performance:

NTSC: 480 lines
PAL: 576 lines

Input Signal: NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM

Interfaces:

Computer / Component video: D-sub 15 pin x 2
S-video: Mini DIN x 1
Composite video: RCA (Yellow) x 1
Audio in: RCA x 1 (L and R), mini stereo x 2
USB connector: Type B x 1 (USB display, audio and mouse control), Type A x 1 (USB memory / document camera)
HDMI x 1
RJ-45 x 1
Serial: RS-232c x 1
Monitor out: D-sub 15 pin x 1
Audio out: Mini stereo x 1
Microphone: Mini stereo x 1
Wireless LAN port: 802.11 b/g/n (optional — module sold separately)

Speaker: 16 W monaural

Operating Temperature: 41° to 95° F (5° to 35° C)

Power Supply Voltage: 100 – 240V ±10%, 50 / 60Hz

Power Consumption:

Normal mode: 313 W
Communication off: 0.3 W standby

Fan Noise:

ECO mode: 28 dB
Normal mode: 33 dB

Security:

1. Kensington®-style lock provision
2. Padlock
3. Security cable hole
4. Password protect function

Dimensions

Including feet: 13.6" x 10.3" x 4.2" (W x D x H)

Excluding feet: 13.6" x 10.3" x 3.7" (W x D x H)

Weight: 7.4 lb

Remote Control

Minimum 3-years warranty, guarantee minimum downtime to less than 48 hours.

Epson Powerlite 905 + or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
28	Projector, Multimedia Interactive	20		
	General Description			
	Interactive, native WXGA 1280 X 800 pixels), 3LCD, 3-chip , 2500 lumens, contrast ratio 2000:1, 16.7 Million color, 10 W audio,			
	Computer/component video, S-video: ,Composite video,Audio in , Microphone in ,Variable audio out'LAN , Serial: RS-232c ,USB, Wireless port 802.11 a/b/g			
	Specifications			
	Projection System			
	3LCD, 3-chip optical engine			
	Projection Method			
	Front/rear/wall mount			
	Driving Method			
	Epson Poly-silicon TFT Active Matrix			
	Pixel Number			
	1,024,000 dots (1280 x 800) x 3			
	White Light Output			
	2500 lumens (ISO 21118 Standard) ¹			
	Color Light Output			
	2500 lumens ¹			
	Aspect Ratio			
	16:10 (native), 16:9, 4:3			
	Native Resolution			
	1280 x 800 (WXGA)			
	Input Signal			
	NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM			
	Display Performance			
	NTSC: 560 lines			

PAL: 560 lines

Interfaces

Computer/component video: D-sub 15 pin x 2

S-video: Mini DIN x 1

Composite video: RCA x 1

Audio in x 3: RCA (L&R) x 1, mini stereo x 2

Microphone in x 1

Variable audio out: mini stereo x 1

LAN networking: RJ-45 x 1

Serial: RS-232c x 1

Monitor out: D-sub 15 pin x 1

USB Type B x 1 (USB display, interactive pen)

USB Type A x 1 (USB memory device)

Wireless port 802.11 a/b/g (optional module sold separately)

Resize

- 640 x 480 (VGA), 800 x 600 (SVGA),
1024 x 768 (XGA), 1152 x 864 (SXGA1),
1280 x 960 (SXGA2), 1280 x 1024 (SXGA3),
1280 x 768 (WXGA60-1), 1360 x 768 (WXGA60-2),
1440 x 900 (WXGA+), 1400 x 1050 (SXGA+),
1600 x 1200 (UXGA), 1680 x 1050 (WSXGA+)

Throw Ratio Range

- 0.37' – 0.50' (16:10)
0.37' – 0.50' (16:9)
0.44' – 0.59' (4:3)

Plug 'n Play

- USB Plug 'n Play for Windows® 2000 or later and Mac OS® X 10.5.1 or later

Projection Lens

Type

Manual focus

F-number

1.80

Focal Length

4.68 mm

Zoom Ratio

Digital zoom 1.0 – 1.35x

Lamp

Type

E-TORL 230 W UHE

Life (Typical)²

Up to 3500 hours (ECO Mode)

Up to 2500 hours (Normal Mode)

Screen Size: (Projected Distance)

59" – 96" WXGA

55" – 85" XGA

Keystone Correction

Vertical: ±5 degrees

Contrast Ratio

Up to 2000:1

Color Reproduction

16.77 million colors

Sound Output

10W monaural

Operating Temperature

41 ° to 95 °F (5 ° to 35 °C)

Power Supply Voltage

100 – 240 V, ±10%, 50/60 Hz AC

Power Consumption

363 W

10 W standby (network on)

0.3 W standby (network off)

Direct power on/off

Instant off

Dimension**(W x D x H)**

14.5" x 19.0" x 6.1"

Weight

14.1 lb with slide plate

12.9 lb without slide plate

Fan Noise

35 dB (Normal Mode)

28 dB (ECO Mode)

Remote Control

Features

Source search, power, aspect, color mode, volume, e-zoom, A/V mute, freeze, menu, help, auto, enter, esc

Operating Angle

Rear:

Right/left: - 55 to +55 degrees

Upper/lower: +75 to +15 degrees

Front:

Right/left: - 30 to +30 degrees

Upper/lower: 0 to +60 degrees

Operating Distance

19.7 ft (6 m)

Control I/O

Input Device

Digital infrared pen **Security**

Kensington®-style lock provision

Security anchor (metal) bar

Password protection function

Include Accessories

Projector mount

projector template sheet

installation guide

quick users guide

power cable

USB A/B cabl

computer/VGA cable

user manual

interactive driver

interactive software

network software

remote control with batteries

2 X two interactive pens with batteries

PrivateLine support card

Road Service Program

password protection sticker

Three Year Replacement Warranty Required

Epson BrightLink 455Wi Interactive Projector or equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
29	Projector, Large Venue	4		

General Description

professional class 1080p native resolution single chip DLP projector, Large venue, multi media, a Full HD (1920 x 1080) DLP, 6500 lumens projector featuring Dual Color Wheel system Active Maintenance Filter with Dual Lamp Interval system, Hi lumen, hi contrast, Wireless HD transmission, Dust-resistant sealed optical engine, 24/7 feature "Lamp interval function"

Specifications

Image Brightness [6500 ANSI lumens](#)

Image Brightness (Reduced) 5005 ANSI lumens

Image Contrast Ratio 7500:1

Image Size 50 in - 598 in

Uniformity 90 %

Resolution 1920 x 1080

Resolution 1920 x 1080

Native Aspect Ratio [Widescreen](#)

Video Bandwidth 230 MHz

Max Sync Rate (V x H) 120 Hz x 120 KHz

Lamp Type 2 x UHP 330 Watt

Lamp Life Cycle 2000 hour(s) / 2500 hour(s) (economic mode)

Features High-bandwidth Digital Content Protection System (HDCP)

Projector Lens System

Lens No lens

Keystone Correction Direction Vertical,
Horizontal

Keystone Correction -30 / +30

Horizontal Keystone Correction -30 / +30

Lens Shift Type Powered

Lens Shift Direction Horizontal,
Vertical

Video Input Device

Type None

Networking

Data link protocol Fast Ethernet,
Ethernet

Input Device

Type Remote control - External - Wired,
- Wireless

Expansion / Connectivity

Interfaces 1 x VGA input - 15 pin HD D-Sub (HD-15),
1 x Composite / component video / RGB input - BNC X 5,
1 x DVI-D input - 24 pin digital DVI,
1 x S-video input - 4 pin mini-DIN,
1 x Remote control - Mini-phone 3.5 mm,
1 x USB - 4 pin USB Type B,
1 x Serial RS-232C - 8 pin mini-DIN,
1 x Network - RJ-45,
1 x VGA output - 15 pin HD D-Sub (HD-15)

Miscellaneous

Cables Included 1 x VGA cable

Power

Power Device Power supply - Internal

Voltage Required AC 120/230 V

Power Consumption Operational [728 Watt](#)

Power Consumption Operational (Standby) 28 Watt

Manufacturer Warranty

Service & Support 3 years warranty

Service & Support Details Limited warranty - 3 years,
Limited warranty - Lamp - 90 days / 300 hours

Sanyo PDG-DHT100L or Equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
30	Projector, Multi purpose room	5		

General Description

DLP DMD (Digital Light Processor Digital Micromirror Device) imaging panel, XGA-resolution, versatile projector with 4,200 ANSI lumens of brightness at a 5,300:1 contrast ratio , auto switching 100 - 240 volt 50 / 60 Hz ,compatible with NTSC, PAL and SECAM standards, compatible with Macintosh and PC resolution / sync rates and 720p, 1080i and 1080p high resolution. And those high definition signals will stay in pristine form from the source to the projector thanks to the

3D Ready for Immersive Educational, Gaming and Entertainment Viewing

20° Manual Vertical Lens Shift for minor projection adjustments, **Auto / Manual Keystone ± 40°**

LAN Control Centralized Projector Management

20W Microphone Audio Power

Hassle-free PC-less Presentation with the USB Reader and Remote Desktop functions. Remote Desktop function allowing presentation using a wireless mouse and keyboard

Multiple Display Options for Various Office and Classroom Needs

Closed Captioning without the need for an external closed-captioning device

Thoughtful Teaching Template Design teaching template function

Excel with VIDI Superior Image Projection

Customize with 3D Color Management

Network Ready with an RJ-45 Jack with internal web page

Quick Auto Search Finds the Active Input Fast

Security Measures Protect Your Investment

Specifications

Projector Display System	DLP DMD Technology by Texas Instruments
Native Resolution	XGA (1,024 x 768)
Number of Pixels	786,432
Lumens Brightness	4,200 ANSI Lumens
Contrast Ratio	5,300:1
Aspect Ratio	4:3 Native (5 aspect ratios selectable)
System	NTSC, PAL, SECAM
HDTV Compatibility	720p, 1080i, 1080p
Lens	F= 2.45 - 3.07
Focus/Zoom	Adjusting Manual 1.6:1, Digital x2
	Throw ratio 1.4 - 2.24 (1.77 m @ 2 m)
Lens Shift	Vertical: 20%

Recommended Projection Size 18 - 300" (0.45 - 7.6 m)

Keystone Correction Auto, Manual ±40° vertical

Input Terminals

DVI v1.3 x1

Computer, analog RGB (D-sub 15-pin) x1

S-video (mini DIN 4-pin) x1

Composite-video (RCA) x1

Audio L/R (RCA) x2

Component video (D-sub 15-pin) x2

Microphone: stereo mini jack x1

Audio (stereo mini jack) x1

Control(RS-232)x1

Control(RJ-45)x1

USBtypeAx1

USB type B x1

Output Terminals

Monitor:(D-sub15-pin)x1

Variableaudioout:(stereominijack)x1

12 V DC Trigger x1

Control Protocol

RS-232x1

RJ-45x1(Crestoncompatible)

USB type B x1

Lamp(Bulb)

300W

Lamp life: 2,000 hours Normal mode,

Fan Noise 30dB Eco mode

Remote Control IR Wireless

Power Requirements 100 - 240 V AC, 50 / 60Hz

Include:

Lens

AC Power Cord, VGA to VGA Cable, USB Cable, RS-232 Cable, Remote Control, Batteries for Remote, Lens Cap, CD-ROM User's Manual, Quick Start Card

Warranty 3 Years Express Replacement Service, 1 Year on Lamp

BenQ MX761 or equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
31	Projector Screen, Large, Dual vision (Rear/ Front projection)	3		

General Description

Projector screen, motorized, Dual Vision Finish .Front or Rear Projection, 120V, 60Hz Large Venue tensioned Electric Screen, ceiling suspended, HDTV Format, viewing area 146" X 260", seamless fabrics, automatic thermal overload cutoff to prevent accidental burn-outs. The braking system is designed to eliminate "coasting".
Single Motor Low Voltage Controller

Specifications

Style

Professional Electrol

Front/Rear Projection

Front or Rear

Mount

Wall or Ceiling

Finish

Dual Vision - flame retardant and mildew resistant fiberglass

Tension Control

Tensioned

Image Size

146 x 260" (3.7 x 6.6 m)

Diagonal

298" (7.6 m)

Format

HDTV

Aspect Ratio

16:9

asking Options

12" of black drop at the top

Controls

120V, 60Hz

Integrated Control

3 position control switch with cover plate

Motor mounted inside the roller with a patented noise silencer

Pre-set but adjustable limit switches to automatically stop picture surface in the "up" and "down" positions

Control Options

Single Motor Low Voltage Control (LVC)

Wireless Remote Control for LVC

Radio Frequency Remote
Infrared Remote
Key Locking Switch Cover Plate for 120V Switch or LVC Switch
Key Operated Switch for 120V only (Note: Cannot be used with LVC)
220V (50Hz) Motor, Video Projector Interface Control - 12V or 5V
External SCB-100 - RS-232 Serial Control Board
NET-100 Ethernet-Serial Adapter

Dalite 35283, professional 298 or equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
32	LCD HDTV/Monitor 15" with HDMI Input	5		

This is intended for video signal display & monitoring applications.

General Description

15-Inch Widescreen LCD HDTV/Monitor, TFT LCD color display, AV input jacks. Full-range stereo speakers (10W), 3D Digital comb filter and 3D noise reduction, V-chip parental control, Closed-Caption, and Electronic Program Guide support Multi-language on-screen display.

Specifications

Display Resolution -1280

Contrast Ratio – 500:1

Brightness - 250 cd/m²

Pixel Response - 6 ms

DTV Input Format - 480i, 480p, 720p (Native), 1080i, 1080p

TV tuner type

ATSC/QAM/NTSC.

Menu Language Support - English, Spanish, French

Additional Functions

MTS (Stereo/SAP/Mono)

Sleep Timer

AV Input

Coaxial antenna

RCA Composite video

RCA Composite video+ audio

S-video, HDMI with HDCP

15-pin PC VGA + 3.5mm audio

Audio Output; 3.5mm Headphone

Main Unit – AC 100-240V

Remote - 2 x 1.5V AAA Unit

Dimension (WHD) 14.8 x 13.9 x 2.5. Base 5.3 Inches.

Wall-mountable design (VESA 75mm x 75mm).

Include Accessories:

AV Cable, Remote Control 2 x 1.5V AAA, AC power cord

Warranty Minimum One year

Coby TFTV1524 15-Inch Widescreen TFT LCD HDTV/Monitor with HDMI Input or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
33	VIDEO VISUALIZER	10		

General Description

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

Warranty: standard 5 year limited parts and labor, including one year inclusion in the [AVERCPR Program](#) with phone, email and web support available

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
34	OVERHEAD PROJECTOR	10		

General Description

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.

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
35	TV sub channel upstream link (T9-T13)	3		

This is intended for the transmission of the in-house TV studio program to the Head end

General Description

This system consists of a modulator, processor and two diplexers, as listed in the table below to constitute an upstream link to the head end. This is to send signals from a remote location such as Auditorium, classroom, sports field etc.

The modulator with sub channel output module option 4 shall be installed at the transmitting end. One diplexer is also used at this location. The processor with optional module 17 for sub channel input is for use at the Head end along with a diplexer.

ITEM DESCRIPTION	TYPICAL MAKE /MODEL	QTY
Modulator, frequency Agile, with sub band channel output	AM-60-550 w. option 4	1
Processor Sub channel input to CATV channel	Ap-60-550 w. option 17	1
Diplexer	DSV-42	2

Minimum 1 Year Parts & Labor Warranty required.

Blonder tongue brand or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
36	EDITING CONSOLE FOR PRODUCTION/EDITING SYSTEM	4		

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:

1 ea. Winsted E4103 3-bay open console or latest equivalent

5 ea. 41583CR shelf or latest equivalent

VENDOR MUST FULLY ASSEMBLE CONSOLE AND PLACE IN AREA DESIGNATED.

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
36	LECTERN/PODIUM, TWO PIECE	5		

General Description

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
37	HANDHELD MICROPHONE	10		

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.

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
38	PZM MICROPHONE	5		

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
39	LAVALIERE MICROPHONE WITH 25' CABLE	12		

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
40	WIRELESS MICROPHONE SYSTEM With Lavalier& Hand held mic/transmitter RECEIVER	10		

This system is intended for use in hands-free recording , and use in TV Studios at schools

General Description

Complete Handheld / Lavalier Combo System

VHF Wireless Lavalier Handheld Mic System, Two switchable frequencies (169.445 and 170.245 MHz)

transmitter and reciever , range up to 250'. Includes a lavalier and handheld mic which both attach to the same body pack (not simultaneously).

Specifications

Type of System Camera Mountable VHF Wireless

RF Carrier Frequency Range 2 Switchable Frequencies

Approx. Working Range Up to and Possibly Greater than 200'

Dynamic Range Greater than 85 dB

Of Channels 2, *Switchable*

Of Simultaneous Systems 2

Type of Receiver Camera Mountable Superheterodyne VHF

Type of Output(s) 3.5 mm Mini-Jack

Headphone Monitoring Yes, *(Earpiece Included)*

Power Requirements 9v Battery

Battery Type/Approx. Life 9v,

Mounting Options Belt, or Camera Mount

Antenna Type Flexible Wire

Dimensions 5.5" x 3 x .94 " (139 x 77 x 24mm) HxWxD

Type of Transmitter Bodypack FM Emission VHF

Type of Input Connector 1/8" Mini-Plug

Type of Microphone Lavalier **Weight** 6.7 oz. (190 g) *With Battery*

Polar Pattern Omnidirectional

RF Power Output 10mW *(50mW Maximum)*

Mute Switch Yes *(Standby)*

Level Control Yes

Antenna Type External Flexible Wire

Includes Omnidirectional Handheld Microphone also

Azden WMS-PRO VHF Wireless Lavalier Handheld Mic sytem or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
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41 MICROPHONE/LINE MIXER

5

This is intended for multiple audio source mixing as in video production, small scale events.

General Description

14-channel ultra-low noise compact mixer with high headroom, 6 studio-grade XDR2 Extended Dynamic Range mic preamps, Ultra-wide 60dB gain range, 130dB dynamic range, +22dBu line input handling, Extended low frequency response, Distortion under 0.0007% (20Hz - 20kHz), Phantom power for studio condenser mics, 12 high-headroom line inputs, Advanced DC pulse transformer RF rejection, 2 Aux sends, level, pan and PFL solo on each channel
2 stereo Aux returns + EFX to Monitor, 3-band Active EQ (80Hz, 2.5kHz, 12kHz), 18dB/oct. 75Hz Lo-Cut filter on Mic input channels, ALT 3/4 stereo bus for added versatility, Control Room/Phones source matrix, Rack-mountable design using optional rack ears, Sealed rotary controls, Multi-Voltage power supply

Specifications

Type	Analog
Channels	14
Inputs - Mic Preamps	6 x XLR (CH 1-6)
Inputs - Line	6 x 1/4" (CH 1-6), 8 x 1/4" (CH 7-14 Stereo), 2 x RCA (Tape)
Inputs - Other	No Other Inputs
Outputs - Main	2 x XLR, 2 x 1/4"
Outputs - Direct	No Direct Outputs
Outputs - Other	2 x RCA (Tape), 2 x 1/4" (Control Room), 2 x 1/4" (Alt)
Headphones	1 x 1/4"
Send/Return I/O	2 x 1/4" (Send), 4 x 1/4" (Return)
Phantom Power	6 (CH 1-6)
EQ Bands	3-band
Aux Sends	2 Post

Busses/Groups	Alt 3-4
Faders	13 60mm
Channel Inserts	Yes (CH 1-6)
Effects	No Effects
Talkback	No Talkback
Computer Connectivity	No Computer Connectivity
Rackmountable	Yes (Optional)
Height	3.2"
Depth	12.9"
Width	14"
Weight	9.5 lbs.

3-year parts and labor warranty.
Mackie 1402-VLZ PRO or latest equivalent.

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
42	LIGHT KIT, LED	4		

General Description

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
43	HAND HELD DIGITAL STILL CAMERA, WITH ACCESSORIES	35		

General Description

Digital SLR camera with body & Lens, CMOS image sensor, 16MP Back Side Illuminated EXR pixel CMOS Sensor, 3" 460K Resolution LCD, 15x Fujinon Optical Zoom Lens, From Zoom to Super-Wide Angle 24mm super-wide, High-Precision Molded Glass Aspheric Lens , HD, standard sensitivity settings up to ISO 3200 , 3.1 X optical Zoom, Quicktime Video format,

CMOS Shift Image Stabilization, On-board GPS Records the Latitude, Longitude and Name of Location , image Search by the GPS Place Name, Photobook Assist, Photo Navigation, Automatic My Library Update, Image Search, Route Logging with MyFinePix Studio

High Speed Shooting Functions, capturing 3fps at full , **Super Intelligent Flash , 1080p HD Movie** (1080p; 30fps/High Profile) with stereo sound

New Advances in RP (Real Photo) Technology, EXR Pixel Array, BSI (Back Side Illuminated) CMOS, EXR Processor, Advanced Scene Recognition

Shooting Modes, Smile/Blink Detection , i-Flash Intelligent Flash, Face Detection, Automatic Red-eye Removal and Face Recognition
Tracking Auto Focus (AF) ,Motion Panorama Mode , Pro Focus Mode with Face Detection
Pro Low-Light Mode, Film Simulation Mode , Image Sharing and Post Capture Functions
Easy Web Uploading, Playback Functions, Image Search

Micro Thumbnail View, Slideshow, Red-eye Removal During Playback

SDHC/SDXC Memory Card Slot

Specifications

Resolution 16.0 Megapixel

Sensor 1/2" CMOS

File Formats Still Images: JPEG, RAW

Movies: MPEG-4 AVC/H.264

Audio: WAV

Max Resolution 16MP: 4608 x 3456 @ 4:3

Other Resolutions 16MP: 4608 x 3072 @ 3:2

16MP: 4608 x 2592 @ 16:9

8MP: 3264 x 2448 @ 4:3

7MP: 3264 x 2176 @ 3:2

6MP: 3264 x 1840 @ 16:9

4MP: 2304 x 1728 @ 4:3

3.5MP: 2304 x 1536 @ 3:2

2MP: 1920 x 1080 @ 16:9

Aspect Ratio 3:2, 4:3, 16:9

Image Stabilization Digital

Lens 12 elements in 10 groups, EFL: 4.4-66mm (35mm equivalent: 24-360mm)

Aperture: f/3.5 (W) - 5.3 (T)

Zoom Up to approx. 75x, with 15x optical zoom,

Optical: 15x

Digital: 5x

Focus Range, Normal: 1.48' (45cm) - Infinity

Telephoto: 8.20' (2.5 m) - Infinity

Macro: 1.97" (5cm) - '36.00 m

ISO Sensitivity : ISO 6400: M mode or lower,

ISO 12800: S mode, Auto, 100-3200

Shutter :8 - 1/2000 Sec

Exposure Metering : Multi, Spot, TTL 256-zones

Exposure Modes : Modes: AE Lock, Aperture Priority, Manual, Shutter Priority

Compensation: -2EV to +2EV (in 0.33EV steps)

White Balance Modes : Auto, Fluorescent (White), Incandescent, Shade, Underwater

Burst Rate: Up to 12 fps, depending on resolution and mode

Self Timer : Auto release/Auto shutter

Built-in Flash : Auto, Auto/Red-eye Reduction, Off, Red-eye Reduction, Slow Sync, Slow Sync./Red-eye Reduction

Effective Flash Range Wide: 0.49 - 10.50' (0.15 - 3.2 m)

Telephoto: 2.95 - 6.23' (0.9 - 1.9 m)

Built-in Memory : 20MB

Memory Card Type: SD, SDHC, SDXC

Video Recording : NTSC/PAL

Video Resolution: Full HD: 1920 x 1080 @ 30fps (16:9)

720p: 1280 x 720 @ 30fps (16:9)

VGA: 640 x 480 @ 30fps (4:3)

Video Clip Length : Up to 115 Minutes

Audio Recording : With Video, Stereo

Screen : 3.0" LCD Rear Screen (460000 pixels)

Connectivity : AV Output

USB 2.0

HDMI

Operating/Storage Temperature : 32-104° F (0-40° C)

Humidity: 10-80%

Battery: NP-50 Rechargeable Lithium-Ion Battery Pack

AC Power Adapter : AC-5VX (Optional)

Dimensions (WxHxD) : 4.1 x 2.5 x 1.3" / 10.41 x 6.35 x 3.30cm

Weight : Including battery and memory card 7.6 oz / 215g

Warranty; Minimum one Year

Fujifilm Finepix F550EXR Digital SLR Camera (Body with Lens Kit) - 18 mm-55 mm or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
44	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.	5		

General Description

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
Squeeze and position live video window, including dynamic transitions
Dynamic broadcast quality effects such as text pushes, fades and crawls
Animated Text, Graphics and Logos using GIF, AVI, TGA,
Multiple text and graphic zones may be independently sized and positioned
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.

Chyron ChyTV-IP-N or Latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
45	WALL MOUNT FOR FLAT PANEL DISPLAY	10		

General Description

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
46	TELEVISION WALL MOUNT WITH VCR SHELF General Description 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! Advance WMY-2134 w/VP-2, TVM-LK and VP-LK or latest equivalent.	8		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
47	TELEVISION WALL MOUNT (WITHOUT VCR MOUNT) General Description 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.	10		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
48	WALL MOUNT FOR LCD PANEL DISPLAY (Medium size) 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	10		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
49	TV WALL MOUNT, UNIVERSAL, CANTILEVER FOR LCD (LARGE SIZE)	12		

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
50	MOBILE CART FOR LCD DISPLAY, 60" HEIGHT	7		

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
51	MOBILE CART FOR LCD DISPLAY – 60" HEIGHT	3		

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
52	AV PRESENTATION CART	7		

General Description

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
53	SCAN CONVERTER	5		

General Description

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
54	CHROMAKEY BACKDROP	5		

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**

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
55	A/V CART	10		

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
56	TELEPROMPTER SYSTEM	5		

General Description

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

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
57	DISK RECORDER	5		

General Description

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
58	MULTI TRACK DVD RECORDER/MIXER FOR HS	5		

General Description

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.), 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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
59	USB / MIDI audio Interface	5		

General Description

PC /MAC Compatible, High-speed USB 2.0 interface, simultaneous 8 x 8 24-bit/96kHz audio DSP technology, flexible channel routing, monitor sub-mixing and effects processing

Preamps M-Audio Octane™ technology, premium input circuitry compatible with Mac and PC, Compatible with all ASIO- and Core Audio-based applications

high-speed USB 2.0 connectivity, MX Core™ DSP mixer and four preamps with Octane™ technology. Featuring both analog and digital I/O, recording on all eight channels simultaneously with 24-bit/96kHz fidelity, processes eight hardware inputs and eight software returns to the eight hardware outputs, delivering flexible routing and monitoring with delay and reverb. Compatible with most major audio software

Built-in Effects Processing , Dual Headphone Amp , reverb and delay on the headphone outputs six channels of analog inputs and outputs plus 2-channel digital S/PDIF I/O

The robust MX Core™ mixer employs an array of eight individual DSP cores to deliver near-zero latency and a matrix for sophisticated channel routing options

low-noise, high-gain preamplification

+48V phantom power for condenser mics, signal/peak LED indicator lights, gain control

Bundled software

M-Audio Fast Track Ultra 8 X 8High Speed USB 2.0 Interface with MX Core DSP Technology or equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
60	Music Software	5		

General Description

PC /MAC Compatible, industry standard in audio/MIDI production software
simple and intuitive interface, Capture high-resolution audio—up to 24-bit/192 kHz, **Notate music with the Sibelius Score Editor**, up to 96 or 192 simultaneous audio tracks, 128 instrument tracks, 512 MIDI tracks, 256 internal busses, and 160 aux tracks.
edit, and mix audio to picture, with sample-accurate precision, using the built-in Time Code Ruler, support for one or up to 64 video tracks(Pro Tools 9 HD only). Clean up production sound, create sound effects and elements that define (or defy) reality. Record voiceovers, Foley, and ADR with perfect frame accuracy. execute and play back edits nondestructively using single-key edit commands advanced tools and workflows designed for professional music creation and audio post production, **Make changes on the fly**
sound-processing plug-ins, virtual instruments, and effects, library of high-quality audio loops
Edit, Mix with other programs such as Logic, Cubase, Digital Performer, Sonar, Live, Reason, and other third-party apps—right in Pro Tools using built-in OMF/AAF/MXF interchange support, ReWire compatibility, or MP3 export.
session compatibility with all current Pro Tools system, create anywhere, anytime
hardware compatible with popular interfaces flexible options
industry-standard audio/MIDI production
Professional Recording, Editing and Mixing
manipulate or correct the pitch of any audio region in real time, right inside the Edit window
Containing music creation and sound processing plug-ins

integrated MIDI sequencer and editor to record, edit, and mix up to 256 MIDI tracks

Scoring Music based on Sibelius notation engine, Score Editor to view, edit, arrange and print MIDI data as music notation, Transcribe MIDI parts in real time. Print out a score in its entirety or print only certain instrumental parts, export sessions,

Looping Tools

Allowing use of Third party audio Suite plug-ins

multiple Automation and Controller lanes. support for files up to 4GB

include:

Pro Tools 9 software DVD (includes bundled software and guides)

Pro Tools 9 drivers DVD

Audio Loops DVD

iLok USB Smart Key (for software authorization)

Pro Tools 9 installation guide

Intro to Pro Tools 9 guide

Software activation card

Avid ProTools 9 or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
61	CHARACTER GENERATOR, TV STUDIO Production	3		

General Description

This is used for basic titling applications for TV productions in Elementary school.

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
62	MICROPHONE	10		

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
63	DVD PLAYER	7		

General Description

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
64	VIDEO ADAPTER KIT	5		

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 751/2 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' 751/2 Terminator
- 1) BNC Jack to Plug (Rt. Angle)
- 1) S-VHS Female Barrel

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
65	AUDIO ADAPTER KIT	5		

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
66	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.	7		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
67	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.	10		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
68	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.	5		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
69	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.	12		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
70	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.</u> <u>Permanently attached.</u> UL Approved. Avedex or latest equivalent	20		

Mode Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
71	COMBO CASSETTE RECORDER AND CD PLAYER General Description 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	5		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
72	COMBO CASSETTE RECORDER & CD PLAYER General Description This is mainly intended for use in classroom audio playback Applications Combo CD Player/Audio Tape Recorder/Player , 7 Watts 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	10		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
73	25" LAMINATOR General Description 25" 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	12		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
74	27" LAMINATOR General Description 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	12		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
75	P2 Memory Card	10		

General Description

P2 memory card, 16GB E-Series P2 Card featuring memory technology, high transfer speeds, reusable compatible with the entire line of P2 products.

Specifications

Capacity
16GB

Maximum Record Time

16 minutes in DVCPRO HD or AVC-Intra 100
20 minutes in AVC-Intra at 1080/24p Native
40 minutes in DVCPRO HD or AVC-Intra 100 at 720/24p Native
32 minutes in DVCPRO50 or AVC-Intra 50
64 minutes in DVCPRO

Compatible Cameras
P2HD Cameras and Players

Panasonic E-Series AJ-P2E016XG

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
76	DVC PRO VIDEOCASSETTE STUDIO 64 MINUTE – Large size, 64 minute DVC Pro videocassette. Panasonic AJ-P64L or latest equivalent.	40		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
77	DVC PRO VIDEOCASSETTE STUDIO 126 MINUTE – Large size, 126 minute DVC Pro videocassette. Panasonic AJ-P126L or latest equivalent.	40		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
78	DVC PRO VIDEOCASSETTE CAMCORDER 66 MINUTE - Medium Medium size 66 minute DVC Pro videocassette. Fuji DVCPRO 66M or latest equivalent.	40		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
79	DVC PRO VIDEOCASSETTE CLEANING TAPE LARGE SIZE - DVC Pro head cleaning videocassette. Panasonic AJ-CL12L or latest equivalent.	24		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
80	DVC PRO VIDEOCASSETTE CLEANING TAPE MEDIUM SIZE - DVC Pro head cleaning videocassette. Panasonic AJ-CL12M or latest equivalent.	4		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
81	S-VHS VIDEOTAPE, 182 MINUTE. 182 minute S-VHS, back coated, broadcast quality videocassette. Maxell ST-182BQ or latest equivalent.	120		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
82	VHS VIDEOTAPE, 126 MINUTE. 126-minute S-VHS, back coated, broadcast quality videocassette. Maxell ST-126BQ or latest equivalent.	100		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
83	MINI IDEOTAPE, 63 MINUTE. 63-minute MiniDV videotape cassette, back coated, broadcast quality videocassette. Panasonic DVM63 or latest equivalent.	40		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
84	VIDEO CASSETTE VIDEOTAPE, 124 MINUTE 124-minute DV digital videocassette, back coated, broadcast quality videocassette. Panasonic AY-DV124MQ or latest equivalent.	40		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
85	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	30		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
86	PERSONAL STEREO AUDIO 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 HA2/MS-2F as above or latest equivalent	20		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
87	PERSONAL AUDIO STEREO HEADPHONE CLASS/LAB PACK (24 per kit) General Description 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	12		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
88	PERSONAL AUDIO STEREO HEADPHONE REFRESH KIT Refresh kit for Hamilton Electronics 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	30		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
89	PROFESSIONAL TELEVISION LIGHTING KIT	4		

General Description

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.

No substitutes accepted.

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
90	A/V RECEIVER, 7.1 CHANNEL SURROUND SOUND	5		

General Description

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.

A/V Receiver, 7.1 channel surround sound, 110 W/ Channel,

Seven High Definition Inputs versatile HD connection options with seven HD inputs, Four HDMI 1.4 inputs (up to 1080/24p capable)

Digital Cinema Auto Calibration – Quick Speaker Set Up by automatically optimizing sound levels based on the distance, room layout and placement of your speakers.

Assignable Digital Audio and Video Inputs with the ability to reassign inputs to support connected devices.

Digital Media Port to access music from your iPod, Walkman, Bluetooth or PC device. Blu-ray Disc Audio

Decoding with LPCM, Dolby TrueHD and DTS HD Master Audio processors.

Audio Return Channel, HDMI CEC standard compatible, 24p True Cinema Pass Through, Wireless Audio S-AIR Multi-room sharing feature

Standby Pass-Through of Audio and Video , 96k/24Bit PCM ,Cinema Studio EX. A/B/C mode ,Digital Cinema Sound Technology : Yes

Dolby Digital, Dolby Digital Decoding, LPCM, dts 96/24 Decoding , FM/AM Tuner , 30 AM/FM Memory

Presets Auto Tuning , HDMI, Component Video, Digital Optical Audio, Digital Coaxial Audio

Specifications

Stereo RMS Power	110 Watts x 2 (8 ohms, 1 kHz, THD 1%)
Surround RMS Power	150 Watts Per Channel (8 ohms, 1 kHz, THD 10%)

No. of Channels	7.1 (5.1 and 6.1 Optional)
Dolby Digital	Yes, Also: Dolby Digital Plus
Dolby Digital EX	Dolby Digital Surround EX
Dolby Pro Logic II	Yes, Also: Dolby Pro Logic IIx Dolby Pro Logic IIz Dolby TrueHD Dolby Digital Dual Mono
DTS	Yes, Also: DTS 96/24 DTS HD Master Audio DTS HD High Resolution Audio DTS HD Low Bit Rate
DTS ES	Yes (MATRIX 6.1, DISCRETE 6.1)
DTS Neo:6	Yes
THX Surround EX	No
THX Certified	No
Speaker Selector	Yes, 3-Way
Multi Room/Source	Up to 10 Rooms With Optional S-AIR Card and S-AIR Receiver/Speaker Systems
AM/FM Tuner	30 AM, 30 FM Memory Presets
FM Sensitivity	<i>Not Specified By Manufacturer</i>
Remote Control	IR Wireless
Analog Inputs	Component Video Input (Rear - Y/Pb/Pr) x 3 Composite Video Input (1 Front/3 Rear) x 4

	RCA Audio Input (Rear) x 5 Headphone Output (Gold) x 1
Digital Inputs	HDMI 1.4 (Rear) x 4 Digital Audio Optical (Rear) x 3 Digital Audio Coaxial (Rear) x 1 Digital Media Port (Rear) x 1
Analog Outputs	Component Video (Rear - Y/Pb/Pr) x 1 Composite Video (Rear) x 1 RCA Audio (Rear) x 2 Subwoofer (Rear) x 1 Subwoofer x 1
Digital Outputs	HDMI 1.4 Output (Rear) x 1
Other Ports	Antenna Terminal (AM Loop Rear) x 1 Antenna Terminal (FM 75 Ohm Rear) x 1
Video Input Conversion	No
Power Requirements	120 V AC 60 Hz
Dimensions (WxHxD)	17 x 6 1/4 x 12 3/4" (430 x 157.5 x 322 mm)
Weight	17 lb 7 oz (7.9 kg)

Warranty: Minimum One Year

Sony STR-DH810 7.1 Channel A/V Receiver or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
91	LOUDSPEAKER, WALL MOUNT 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.	8		

JBL LC2 Studio L Series 4-Way Dual 6" 150-Watts or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
92	PORTABLE HD CAMCORDER	7		

General Specifications

Intelligent 42x Zoom and HYBRID O.I.S.

33.7mm Wide Angle Lens

Zoom Mic and Wind Noise Canceller

16GB built-in memory

SDXC/SDHC/SD Memory Card Recording

High Definition Camcorder, 16GB internal flash memory and optional SD/SDHC/SDXC memory cards;.flash memory recording, digital still capture, and options for archiving, editing, and sharing.

1/5.8" CMOS, touch screen 2.7" LCD, 33.7mm wide-angle lens, 42x Intelligent zoom, and optical image stabilization, built-in zoom mic and wind noise canceller.

Intelligent Auto, Face Recognition, Pre-Rec HD Writer AE 3.0

Intelligent 42x Zoom and HYBRID O.I.S. (Optical Image Stabilizer)

O.I.S. (Optical Image Stabilizer) Lock

33.7mm Wide Angle

Intelligent Resolution Technology

Zoom Mic and Wind Noise Canceller

Zoom Mic:

Wind Noise Canceller:

Still Picture Recording at 3.0MP with Intelligent Resolution Technology

Scene Mode

(Automatically selecting the most suitable shutter speed and aperture)

Soft Skin Mode,Tele-Macro

iA (Intelligent Auto) ,

HYBRID O.I.S. (Optical Image Stabilizer)

Face Recognition, AF/AE Tracking

Intelligent Scene Selector

Face Detection,

Intelligent Contrast Control,Special iA Mode for Still Images ,Smile Shot (Still Image)

2.7" Wide LCD with Intuitive Touch Operation

ated for 5 minutes. This reduces wasted power consumption, and enables a longer battery life

Relay Recording,Pre-Rec Function, Auto Power LCD ,Wide Viewing Angle

AGS (Auto Ground-Directional Standby)

60 Frames/Sec High-Speed Burst Shooting

Focus Assist

Composition Guide Lines

HA/HG/HX/HE Mode

LED Video Light

Color Night Rec/Color Night View

World Time setting, Advanced Highlight Playback

Playback image effect mode (Natural,Pop,Dynamic,Classical)

Face Highlight, Highlight, and Time Frame Index

Easy Connecting, Easy Viewing

Archiving and Playback

Direct connection to DVD burner via a USB cable

Easy AVCHD to MPEG-2 Conversion:

Playback with a DVD burner:

Editing, Archiving, and YouTube Upload with HD Writer AE 3.0 software

It's easy to add titles, rearrange scenes, provide transition effects, and edit images in

Technical Details

Brand Name:

Media Type: Flash card

Lens Type: Zoom lens

Optical zoom: 37 x

Maximum Aperture Range: F/1.8-4

Shooting Modes: Digital photo mode

Video Input: Camcorder

Display Size: 2.7 inches

Optical Sensor Resolution: 1.5 MP

Optical Sensor Technology: MOS

Optical Sensor Size: 1/5.8"

Viewfinder Type: None

Audio Input: Microphone

Microphone Operation Mode: Stereo

Height: 2.3 inches

Weight: 6.8 Ounces

Depth: 4.3 inches

Width: 2 inches

Include:

16GB SDHC Card

IR Remote

A/C Adapter & Cable

DC Cable

LI Battery Pack, Battery Charger

USB

A/V Cables

Component video cables,

Operations Manual

One Year Warranty

Panasonic HDC-TM80K or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
93	CAMCORDER, MULTI-FORMAT, DIGITAL, HD General Description 1.1 million active pixels with a spatial offset , 14-bit A/D conversion and 19-bit inner processing ,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, Wider Angle (13X) Leica Dicomar® Zoom Lens, Optical Image Stabilizer, Cam-driven manual zoom, large manual iris control, focus assist, gain, two ND filters (1/8th and 1/64th) as well as slow, synchro and high-speed shutter	3		

Specifications

Support for 1080/60i, 1080/24p, 1080/24pA, 1080/30p, 720p/60p, 720/24p (over 60p), 720/30p (over 60p),
720/24pN native, 720/30pN native 480/60i, 480/24p (over 60i), 480/24pA (over 60i), 480/30p (over 60i)
Uncompressed 4-channel, 16-bit digital audio recording in DVCPRO HD and DVCPRO50
Eight Gamma settings for various shooting scenarios,
Internal downconversion to Mini-DV Tape
3.5" LCD monitor
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,

Include:

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 AGH VX200A HD or Latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
94	NLE EDITING, TURN-KEY SYSTEM, FINAL CUT PRO	3		

General Description

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
95	NON LINEAR EDITING, TURN-KEY SYSTEM- AVID	3		

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: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
96	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, Auxilary 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	10		

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
97	MULTI TRACK PORTABLE HANDHELD RECORDER General Description 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	10		

Zoom H4n Handy Portable Digital Recorder or latest equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
98	PORTABLE PA SYSTEM	5		

This integrated, portable unit is meant to be used for sound reinforcement for small gathering at locations. Portable, Lightweight, 40 watts speaker system, VHF wireless microphone, long-life high-capacity rechargeable battery and a 12V/DC adapter. one handheld transmitter/microphone and one body-pack transmitter, microphone input jack , audio input jack ideal for outdoor activities microphone system: Built-in VHF wireless

Audio Power: 40 watts

Battery: Built-in rechargeable & replaceable high-capacity

Input: additional microphone jack

Product Dimensions: 11.5 x 4.5 x 7 inches ; 6 pounds

One year manufacturer's warranty

Include:

Speaker

one handheld microphone

one body-pack transmitter

one headset microphone

one lavalier microphone

power cord

two 9V batteries

12VDC adapter (cigarette lighter adapter)

carrying bag

Hisonic HS120B **Portable PA System** or **latest** equivalent

Model Offered: _____

ITEM NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL PRICE
99	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: 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	7		

Model Offered: _____

AFFIDAVIT

This document must be completed, signed by an authorized company official & submitted with your bid response. The signature must be an original (signed in ink) or your bid will be ruled non-responsive.

Contractor _____ Bid No. _____

Address _____

City, State and Zip _____

Telephone _____ Fax _____ Email _____

FOR MINORITY USE ONLY

LOCALLY BASED MINORITY BUSINESS: PGC MBE _____ PGC MWE _____ MD MBE _____ MD MWE _____

INDICATE IF YOU ARE A MINORITY BUSINESS CERTIFIED BY:

P.G. COUNTY GOVERNMENT: Certification No.: _____

MD. STATE DEPT. OF TRANSPORTATION: Certification No.: _____

AFFIDAVIT I

The Contractor, his agent, servants and/or employees, have not in any way colluded with anyone for and on behalf of the contractor or themselves, to obtain information that would give the Contractor an unfair advantage over others, not have they colluded with anyone for and on behalf of the contractor, or themselves, to gain any favoritism in the award of the contract herein.

AFFIDAVIT II

No officer or employee of the Board of Education Prince George's County Public Schools, whether elected or appointed, has in any manner whatsoever, any interest in or has received prior hereto or will receive subsequent hereto any benefit, monetary or material, or consideration from the profits or emoluments of this contract, job, work or service for the Board, and that no officer or employee has accepted or received or will receive in the future a service or thing of value, directly or indirectly, upon more favorable terms than those granted to the public generally, nor has any such officer or employee of the Board received or will receive, directly or indirectly, any part of any fee, commission or other compensation paid or payable to the Board in connection with this contract, job, work, or service for the Board, excepting, however, the receipt of dividends on corporation stock.

AFFIDAVIT III

Neither I, nor the Contractor, nor any officer, director, or partners, or any of its employees who are directly involved in obtaining contracts with the Board have been convicted of bribery, attempted bribery, or conspiracy to bribe under the laws of any state, or of the federal government for acts of omissions committed.

AFFIDAVIT IV

Neither I, nor the Contractor, nor any of our agents, partners, or employees who are directly involved in obtaining contracts with the Board have been convicted within the past 12 months of discrimination against any employee or applicant for employment, nor have we engaged in unlawful employment practices as set forth in Section 16 of Article 49B of the Annotated Code of Maryland or, of Sections 703 and 704 of Title VII of the Civil Rights Act of 1964.

AFFIDAVIT V

I further affirm that neither I nor the above firm shall knowingly enter into a contract with the Board under which a person or business debarred or suspended from contracting with a public body under Title 16 of the State Finance and Procurement Article of the Annotated Code of Maryland, will provide, directly or indirectly, supplies, services, architectural services, construction related services, leases of real property, or construction. I acknowledge that this Affidavit is to be furnished to the Board. I acknowledge that I am executing this Affidavit in compliance with the provisions of Title 16 of the State Finance and Procurement Article of the Annotated Code of Maryland which provides that persons who have engaged in certain prohibited activity may be disqualified, either by operation in law or after a hearing, from entering into contracts with the Board. I further acknowledge that if the representations set forth in this Affidavit are not true and correct, the Board may terminate any contract awarded, and take any other appropriate action.

I do solemnly declare and affirm under the penalties of perjury that the contents of the foregoing affidavit are true and correct to the best of my knowledge, information and belief.

Signature _____ Date _____ Printed Name _____ Title- Authorized Official _____
If a corporation, it was organized under the laws of the state of _____, in the year _____ a partnership, list names of partners _____