

**Lee County Board Of County Commissioners
Agenda Item Summary**

Blue Sheet No. 20030917

1. REQUESTED MOTION:

ACTION REQUESTED: Approve the award of Formal Quote Q-030150, The Purchase of A/V Equipment for the Lee County Commission Chambers, to the low Quoter meeting all specification requirements, Encore Broadcast Equipment, for a grand total of \$165,903.70. Also approve the expenditure of a not-to-exceed amount of \$8,295 for incidentals that may occur as the installation begins.

WHY ACTION IS NECESSARY: Purchases over \$50,000 must be approved by the Board.

WHAT ACTION ACCOMPLISHES: Necessary for replacement of camera and television equipment used for broadcasting and to enhance audiovisual presentations.

2. DEPARTMENTAL CATEGORY:
COMMISSION DISTRICT #

C6A

3. MEETING DATE:

09-09-2003

4. AGENDA:

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC WALK ON
- TIME REQUIRED:

5. REQUIREMENT/PURPOSE:
(Specify)

- STATUTE
- ORDINANCE
- ADMIN. AC-4-1
- CODE
- OTHER

6. REQUESTOR OF INFORMATION:

- A. COMMISSIONER _____
- B. DEPARTMENT _____
- C. DIVISION Public Resources

BY: Libby Walker, Director

7. BACKGROUND: In order to improve the quality of live Commission television meetings and insure broadcast reliability some of the television equipment now over 12 years old needs to be replaced. A presentation system will be installed capable of providing computer, overhead camera and video tape presentations from the main podium. These presentations will be sent directly for broadcast to Commissioner's viewing monitors and a large projection screen for public viewing. Sealed two-step quotes were received by Purchasing on June 24, 2003. On that date, twelve responses were received, of which nine were no bids. The step one packages opened were from Custom Video Conferencing Solutions, Encore Broadcast Sales, and Whitlock Group. Encore Broadcast Sales was deemed qualified to proceed to step two of the process and a recommendation is being made to award the quote to this vendor.

Funding is available as follows: Broadcast Equipment KD5191515500 Cable Franchise Proceeds \$118,614 and Audiovisual Equipment GC5190300100 General Fund \$47,289

Please see attachments:

- (1) Tabulation Sheet – Step One: Qualifications
- (2) Tabulation Sheet – Step Two: Pricing
- (3) Division's request for Quotes
- (4) Specifications – Step One
- (5) Specifications – Step Two
- (6) Encore Broadcast Quote – Step One: Qualifications
- (7) Encore Broadcast Quote – Step Two: Pricing
- (8) Department's Recommendation of Award

8. MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL:

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
<i>[Signature]</i>	<i>Janet Sheehan PA 8-11-03</i>	<i>m/a</i>	<i>m/a</i>	<i>[Signature]</i>	OA <i>8/13/03</i>	OM <i>8/13/03</i>	Risk <i>8/13/03</i>	GC <i>8/13/03</i>	<i>[Signature]</i> <i>8-14-03</i>

10. COMMISSION ACTION:

- APPROVED
- DENIED
- DEFERRED
- OTHER

Rec. by CoAtty
Date: *8/13/03*
Time: *9:20 p.m.*
Forwarded To: *Budget*
8/13/03 11:05am

RECEIVED BY
COUNTY ADMIN: *CA*
11:30am
8/13/03
COUNTY ADMIN
FORWARDED TO: *PW*
8/13/03 11:00am

FORMAL QUOTATION #Q-030150	LEE COUNTY, FLORIDA TABULATION SHEET		
OPENING DATE: JUNE 24, 2003	FOR		
PA/BUYER: BOB FRANCESCHINI	A/V EQUIPMENT FOR THE LEE COUNTY COMMISSION CHAMBERS		
VENDORS	CUSTOM VIDEO	ENCORE BROADCAST SALES	WHITLOCK GROUP
	CONFERENCING SOLUTIONS		
STEP ONE			
ADDENDUM ACKNOWLEDGED	ONE AND TWO	ONE AND TWO	ONE AND TWO
IS THREE COPIES INCLUDED	YES	YES	YES
WILL YOU DELIVER WITH OWN VEHICLE	NO	YES	YES
IS QUOTE SIGNED	YES	YES	YES
REQUIRED SUBMITTALS INCLUDED	YES	YES	YES
OCCUPATIONAL LICENSE	N/A	N/A	N/A
QUALIFIED FOR STEP TWO	NO	YES	NO
NO BIDS			
MCSI INC			
SIRS PUBLISHING INC			
AUDIO VISUAL INC.			
CDW-G INC			
HUF COR DURKEE INK			
BOXLIGHT CORP			
BOXLIGHT CORP			
BURROUGHS MFG CORP			
PROFESSIONAL COMMUNICATIONS SYSTEMS			
POSTING TIME/DATE			
FROM: _____ / _____			
UNTIL: _____ / _____			
BY: _____			

ATTACHMENT 1

MEMORANDUM
FROM

ATTACHMENT 3



LEE COUNTY
SOUTHWEST FLORIDA

Division of Public Resources

Date: December 4, 2002
To: Bruce Loucks, Assistant County Manager
From: Libby Walker, Manager
RE: Funding for chamber upgrades

As you may be aware Public Resources is putting together an RFP for equipment upgrades and audiovisual enhancements in the Commission Chambers. Estimated costs for the upgrades and enhancements are about \$150,000 of which about two thirds will be paid with "Cable Franchise Proceeds" obtained from the local cable franchises. These costs include updating the cameras and rewiring of existing equipment and can be directly associated with benefiting cable subscribers which is what the fund is intended for. The cost for audiovisual equipment such as video projectors, screen, board and staff monitors cannot be paid from the same fund since they don't affect cable subscribers. Public Resources is anxious to move forward on this project we are therefore requesting funding the general fund not to exceed \$50,000.

Please indicate below on how you wish to proceed.*Thank you.

Please proceed with the RFP, funding for the audiovisual enhancements not to exceed \$50,000.

Funds are available in account string GC5190300/00. 5064/0

Please discuss this matter further with me.

Bruce Loucks
Bruce Loucks, Assistant County Manager

12-4-02
Date

From: Paul Arthur
To: Franceschini, Robert
Date: 5/8/03 3:06PM
Subject: Re: Q-030150 - AV equipment for the commission chambers...

Bob please proceed with this RFQ as amended below. Thank you for your assistance.

Paul Arthur
Technical Support Supervisor/Public Resources
arthurpx@leegov.com
Phone (239) 335-2630
Fax (239) 335-2449

>>> Robert Franceschini 05/06/03 01:01PM >>>
5/6

paul....

attached for your review are steps 1 and 2 for the above referenced project...i have a few comments and questions to bring to your attn....

- ✓ i have switched this over to a formal 2-step quote (rather than a proposal)...since we're front loading it with the specs, it makes more sense to do it as a quote). Good Idea
- ✓ please review the language covering the service plan rates in both steps...referred to as Option A in step 2...does this meet your needs as written? YES
- ✓ do you wish to obtain \$\$\$ figures on extended warranties for any or all of this equipment...? if so, we could add them in as options...please advise. NO
- ✓ are you going to want to have a conference with the awarded vendor before work commences? please advise. if so, we'll have to build that into the specs and clarify that the vendor would be responsible for travel, lodging, meals, etc. YES
- ✓ under "projection screen" on page 19 of step one....did you mean to say that a "wooden valance" would hide the mechanism? i changed it from "balance"....please advise if this is correct. Change to valance
- ✓ under "commissioner's monitors" on page 20 of step one....do you want 15" lcd flat panel or crt monitors? please advise. 15" lcd flat panel
- ✓ under "camera installation" on page 20 of step one....it states that "lens will consist of a minimum of 18x modification"....did you mean to say "magnification"? please advise. "magnification"

if these specs meet your approval as written, please state same via return g-wise (please include answers to the above) and we'll proceed with the quoting process. since we're going with a mandatory pre-bid, we'll have to advertise this in the news-press for one week...we'll need to discuss dates that the chambers would be open for a tour....

bob

i am also copying georgi jackson on this note...georgi...would you please review the specs and make a recommendation on the insurance coverage we'll need....i went with guide A - but i'll leave it your expertise....please advise....thx.

Robert D. Franceschini, C.P.M, CPPB
Purchasing Manager



LEE COUNTY
SOUTHWEST FLORIDA

PROJECT NO.: Q-030150

OPEN DATE: JUNE 24, 2003

AND TIME: 2:30 P.M.

MANDATORY

PRE-BID DATE: JUNE 6, 2003

AND TIME: 1:00 P.M.

LOCATION:

3434 HANCOCK BRIDGE PARKWAY
NORTH FORT MYERS, FL 33903

REQUEST FOR QUOTATIONS

(STEP ONE – QUALIFICATIONS)

TITLE:

A/V EQUIPMENT FOR THE LEE COUNTY
COMMISSION CHAMBERS

REQUESTER: LEE COUNTY BOARD OF COUNTY COMMISSIONERS
DIVISION OF PURCHASING

MAILING ADDRESS

P.O. BOX 398
FORT MYERS, FL 33902-0398

PHYSICAL ADDRESS

3434 HANCOCK BRIDGE PKWY, #307
NORTH FORT MYERS, FL 33903

BUYER: BOB FRANCESCHINI, CPPP, C.P.M.
PURCHASING AGENT
PHONE NO.: (239) 689-7385



LEE COUNTY
SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

Writer's Direct Dial Number: _____

Bob Janes
District One

Douglas R. St. Cerny
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing
Examiner

May 22, 2003

Quote No.: Q-030150

LEE COUNTY ADDENDUM NUMBER ONE TO THE SPECIFICATIONS
FOR A/V EQUIPMENT FOR THE
LEE COUNTY COMMISSION CHAMBERS

QUOTERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON
THE "PROPOSAL QUOTE FORM" FOR STEP ONE - PAGE 14, AND
STEP TWO - PAGE 13.

Lee County is deleting the requirement that the vendor have a Florida RCDD License. (See Page 18, Step One, under the heading: III Licensing)

LEE COUNTY DIVISION OF PURCHASING

Earl Pflaumer / for Bob Franceschini

Bob Franceschini, CPPB, C.P.M.
Purchasing Agent

cc: Paul Arthur, Public Resources
Lisa Pierce, Minutes Department
Quote File



LEE COUNTY
SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

Writer's Direct Dial Number: _____

Bob Janes
District One

Douglas R. St. Cerny
District Two

June 12, 2003

Ray Judah
District Three

Quote No.: Q-030150

Andrew W. Coy
District Four

John E. Albion
District Five

LEE COUNTY ADDENDUM NUMBER TWO TO THE SPECIFICATIONS
FOR A/V EQUIPMENT FOR THE
LEE COUNTY COMMISSION CHAMBERS

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing Examiner

QUOTERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE
"PROPOSAL QUOTE FORM" FOR STEP ONE - PAGE 14, AND STEP TWO -
PAGE 13.

The original specifications and other contract documents are amended as noted below:

Equipment List

Per vendor requests at the pre-bid conference, an equipment list of the components located in the television control room of the Lee County Courthouse is attached to, and is a part of, this addendum.

Step One, Page 18, Section V., Digital Projector

The text presently states, "The vendor will be responsible for all electrical wiring, cables, connectors and adaptors".

Per this addendum, "electrical wiring" is deleted from this sentence.

Step One, Page 18, Section V., Digital Projector

Specifications presently state that the digital projector will "have a minimum of 4 ANSI lumens".

Per this addendum, this is changed to read, "have a minimum of 4000 ANSI lumens".

Step One, Page 19, Section V., Projection Screen

A clarification has been requested regarding the width and height of the projection screen.

Lee County's response is as follows:

The screen size should be approximately 115 inches wide by 90 inches high.

Step One, Page 20, Section V., Commissioner's Monitors

A clarification was requested at the pre-bid conference as to who would be responsible for the woodworking around the Commissioner's monitors.

Lee County's response is as follows:

Lee County's Facilities Management's carpenters will work with the awarded quoter to complete the woodworking around the Commissioner's monitors.

Step One, Page 20, Section VI, Additional Cabling

Per this addendum, the section "Additional Cabling" is deleted in its entirety.

Step One, Page 21, Section VII, Additional Requirements and Submittals

Per this addendum, the following language is deleted in its entirety:

“*Lee County desires sole source responsibility for this project; therefore, any use of subcontractors must be approved by the County representative and must be limited to minor tasks (i.e., drywall repairs, etc.)

Please explain how your firm complies with this requirement.”

It will be replaced by the following language:

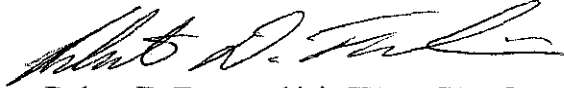
“*Lee County will use its own staff to perform all electrical work; therefore, the awarded quoter will not be responsible for employing electrical subcontractors. However, the awarded quoter will be responsible for any audio/visual subcontractors that may be required; as well as any subcontractors that may be required to perform miscellaneous minor tasks (i.e., drywall repairs, etc.). All subcontractors must be approved by the County representative. Note: The awarded quoter will be responsible for all work done by any subcontractor he may hire to do work under this contract.

Please explain how your firm complies with this requirement.”

Step One, Page 23, Sample A – Evaluation Sheets

Per this addendum, Item III. Licensing, is deleted in its entirety.

LEE COUNTY DIVISION OF PURCHASING

A handwritten signature in black ink, appearing to read "Robert D. Franceschini".

Robert D. Franceschini, CPPB, C.P.M.
Purchasing Agent

cc: Paul Arthur, Public Resources
Lisa Pierce, Minutes Department
Quote File

INTRODUCTION

OVERVIEW

The Lee County Board of County Commissioners is accepting qualifications from companies interested in providing A/V equipment to Lee County Public Resources.

TWO-STEP QUOTE PROCESS

NOTE: PLEASE SUBMIT STEPS 1 AND 2 TOGETHER ON THE PROJECT OPENING DATE.

PLEASE USE SEPARATE SEALED ENVELOPES MARKED "STEP 1" & "STEP 2"

Lee County is utilizing a two-step process to evaluate the qualifications of quoters and allow only qualified companies to have their pricing opened and considered under Step Two.

*Step One will require interested vendors to submit the qualifications of their company.

*In Step Two, only those companies qualified in Step One will be eligible to have their pricing opened and considered.

STEP ONE – REQUEST FOR QUALIFICATIONS

In Step One, please submit all requested information to Lee County Purchasing Services, 3434 Hancock Bridge Parkway, 3rd Floor, North Fort Myers, FL 33903, before the deadline given on the cover of this solicitation. Qualifications received after this date and time will not be accepted.

All of the qualifications received will then be reviewed and evaluated by County staff, and a decision made as to which companies are qualified and which are not. Each company submitting qualifications will receive a letter stating whether they are qualified or not. Only those companies found to be qualified will be allowed to proceed to Step Two.

In order for a company to be considered responsive in Step One, it should submit all information requested, including appropriate signatures. Failure to meet these requirements may cause your company to be declared non-responsive.

STEP TWO – REQUEST FOR QUOTATIONS – PRICES

Firms found to be qualified in Step One will be eligible to have their pricing opened and considered. This information must be completed and returned to Lee County Purchasing Services, 3434 Hancock Bridge Parkway 3rd Floor, North Fort Myers, FL 33903, before the given deadline. Pricing information received after this date and time will not be accepted.

GENERAL CONDITIONS

Sealed Quotations will be received by the DIVISION OF PURCHASING, until 2:30pm on the date specified on the cover sheet of this "Request for Quotations", and opened immediately thereafter by the Purchasing Director or designee.

Any question regarding this solicitation should be directed to the Buyer listed on the cover page of this solicitation, or by calling the Division of Purchasing at (239) 689-7385.

1. SUBMISSION OF QUOTE:

- a. Quotations shall be sealed in an envelope, and the outside of the envelope should be marked with the following information:
 - 1. Marked with the words "Sealed Quote"
 - 2. Name of the firm submitting the quotation
 - 3. Title of the quotation
 - 4. Quotation number

- b. The Quotation shall be submitted in triplicate as follows:
 - 1. The original consisting of the Lee County quotes forms completed and signed.
 - 2. A copy of the original quote forms for the Purchasing Director.
 - 3. A second copy of the original quote forms for use by the requesting department.

- c. The following should be submitted along with the quotation in a separate envelope. This envelope should be marked as described above, but instead of marking the envelope as "Sealed Quote", please indicate the contents; i.e., literature, drawings, submittals, etc. This information should be submitted in duplicate.
 - 1. Any information (either required or in addition to that asked for by the specifications) necessary to analyze your quotation; i.e., required submittals, literature, technical data, financial statements.
 - 2. Warranties and guarantees against defective materials and workmanship.

- d. **ALTERNATE QUOTE:** If the vendor elects to submit more than one quote, then the quotes should be submitted in separate envelopes and marked as indicated above. The second, or alternate quote should be marked as "Alternate".

- e. **QUOTES RECEIVED LATE:** It is the quoter's responsibility to ensure that his quote is received by the Division of Purchasing prior to the opening date and time specified. Any quote received after the opening date and time will be promptly returned to the quoter unopened. Lee County will not be responsible for quotes received late because of delays by a third party delivery service; i.e., U.S. Mail, UPS, Federal Express, etc.
- f. **QUOTE CALCULATION ERRORS:** In the event there is a discrepancy between the total quoted amount or the extended amounts and the unit prices quoted, the unit prices will prevail and the corrected sum will be considered the quoted price.
- g. **PAST PERFORMANCE:** All vendors will be evaluated on their past performance and prior dealings with Lee County (i.e., failure to meet specifications, poor workmanship, late delivery, etc.).
- h. **WITHDRAWAL OF QUOTE:** No quote may be withdrawn for a period of 90 days after the scheduled time for receiving quotes. A quote may be withdrawn prior to the quote-opening date and time. Such a request to withdraw should be made in writing to the Purchasing Director, who will approve or disapprove of the request.
- i. **COUNTY RESERVES THE RIGHT:** The County reserves the right to waive minor informalities in any quote; to reject any or all quotes with or without cause; and/or to accept the quote that in its judgment will be in the best interest of the County of Lee.
- j. **EXECUTION OF QUOTE:** All quotes shall contain the signature of an authorized representative of the quoter in the space provided on the quote proposal form. All quotes shall be typed or printed in ink. The bidder may not use erasable ink. All corrections made to the quote shall be initialed.

2. **ACCEPTANCE**

The materials and/or services delivered under the quote **shall** remain the property of the seller until a physical inspection and actual usage of these materials and/or services is accepted by the County and is to be in compliance with the terms herein, fully in accord with the specifications and of the highest quality. In the event the materials and/or services supplied to the County are found to be defective or do not conform to specifications, the County reserves the right to cancel the order upon written notice to the seller and return such product to the seller at the seller's expense.

3. **SUBSTITUTIONS**

Whenever in these specifications a brand name or make is mentioned, it is the intention of the County only to establish a grade or quality of materials and not to rule out other brands or makes of equality. However, if a product other than that specified is quote, it is the vendor's responsibility to name such product with his quote and to prove to the County that said product is equal to the product specified. Lee County **shall** be the sole judge as to whether a product being offered by the quoter is actually equivalent to the one being specified by the detailed specifications. (Note: This paragraph does not apply when it is determined that the technical requirements of this solicitation require only a specific product as stated in the detailed specifications.)

4. **RULES, REGULATIONS, LAWS, ORDINANCES & LICENSES**

The awarded vendor shall observe and obey all laws, ordinances, rules, and regulations, of the federal, state, and local government, which may be applicable to the supply of this product or service.

- a. Occupational License – Vendor shall submit within 10 calendar days after request.
- b. Specialty License(s) – Vendor shall possess at the time of the opening of the quote all necessary permits and/or license required for the sale of this product and/or service and upon the request of the County provide copies of licenses and/or permits within 10 calendar days after request.

5. **RECYCLED PRODUCTS**

It is the Lee County Board of County Commissioners' stated policy objective to "Ensure all departments are aware of the availability of recycled products..." (Administrative Code #AC-10-4). In an effort to provide the utmost opportunity for the use of recycled products by Lee County, vendors should list on their letterhead, all necessary information regarding any applicable recycled products they have available. Recycled products should meet all other specifications listed and have a minimum of 50%-recycled content. Whenever fiscally feasible, available recycled products will be purchased.

6. **WARRANTY/GUARANTY** (unless otherwise specified)

All materials and/or services furnished under this quote shall be warranted by the vendor to be free from defects and fit for the intended use.

7. **PRE-BID CONFERENCE**

A pre-bid conference will be held at the location, date, and time specified on the cover of this solicitation. Pre-bid conferences are generally non-mandatory, but it is highly recommended that everyone planning to submit a quote attend.

In the event a pre-bid conference is classified as mandatory, it will be so specified on the cover of this solicitation and it will be the responsibility of the quoter to ensure that they are represented at the pre-bid. Only those quoters who attend the pre-bid conference will be allowed to quote on this project.

8. **BIDDERS LIST MAINTENANCE**

A bidder should respond to "Request for Quotations" in order to be kept on the Bidder's List. Failure to respond to three different "request for quotations" may result in the vendor being removed from the Bidder's List. A bidder may do one of the following, in order to respond properly to the request:

- a. Submission of a quotation prior to the quote receipt deadline.
- b. Submission of a "no bid" notice prior to the quote receipt deadline.

9. **LEE COUNTY PAYMENT PROCEDURES**

All vendors are requested to mail one original invoice and one invoice copy to:

Lee County Finance Department
Post Office Box 2238
Fort Myers, FL 33902-2238

All invoices will be paid as directed by the Lee County payment procedure unless otherwise differently stated in the detailed specification portion of this quote.

Lee county will not be liable for request of payment deriving from aid, assistance, or help by any individual, vendor, quoter, or bidder for the preparation of these specifications.

Lee County is generally a tax-exempt entity subject to the provisions of the 1987 legislation regarding sales tax on services. Lee County will pay those taxes for which it is obligated, or it will provide a Certificate of Exemption furnished by the Department of Revenue. All contractors or quoters should include in their quote all sales or use taxes, which they will pay when making purchases of material or subcontractor's services.

10. **LEE COUNTY BID PROTEST PROCEDURE**

Any contractor/vendor/firm that has submitted a formal bid/quote/proposal to Lee County, and who is adversely affected by an intended decision with respect to the award of the formal bid/quote/proposal, shall file with the County's Purchasing Director or Public Works Director a written "Notice of Intent to File a Protest" not later than seventy-two (72) hours (excluding Saturdays, Sundays and Legal Holidays) after receipt of a "Notice of Intended Decision" from the County with respect to the proposed award of the formal bid/quote/proposal.

The "Notice of Intent to File a Protest" is one of two documents necessary to perfect Protest. The second document is the "Formal Written Protest", both documents are described below.

The "Notice of Intent to File a Protest" document shall state all grounds claimed for the Protest, and clearly indicate it as the "Notice of Intent to File a Protest". Failure to clearly indicate the Intent to file the Protest shall constitute a waiver of all rights to seek any further remedies provided for under this Protest Procedure.

The "Notice of Intent to File a Protest" shall be received ("stamped in") by the Purchasing Director or Public Works Director not later than Four o'clock (4:00) PM on the third working day following the day of receipt of the County's Notice of Intended Decision.

The affected party shall then file its Formal Written Protest within ten (10) calendar days after the time for the filing of the Notice of Intent to File a Protest has expired. Except as provided for in the paragraph below, upon filing of the Formal Written Protest, the contractor/vendor/firm shall post a bond, payable to the Lee County Board of County Commissioners in an amount equal to five percent (5%) of the total bid/quote/proposal, or Ten Thousand Dollars (\$10,000.00), whichever is less. Said bond shall be designated and held for payment of any costs that may be levied against the protesting contractor/vendor/firm by the Board of County Commissioners, as the result of a frivolous Protest.

A clean, Irrevocable Letter of Credit or other form of approved security, payable to the County, may be accepted. Failure to submit a bond, letter of credit, or other approved security simultaneously with the Formal Written Protest shall invalidate the protest, at which time the County may continue its procurement process as if the original "Notice of Intent to File a Protest" had never been filed.

Any contractor/vendor/firm submitting the County's standard bond form (CSD: 514), along with the bid/quote/proposal, shall not be required to submit an additional bond with the filing of the Formal Written Protest.

The Formal Written Protest shall contain the following:

- County bid/quote/proposal identification number and title.
- Name and address of the affected party, and the title or position of the person submitting the Protest.
- A statement of disputed issues of material fact. If there are no disputed material facts, the Formal Protest must so indicate.
- A concise statement of the facts alleged, and of the rules, regulations, statutes, or constitutional provisions, which entitle the affected party to relief.
- All information, documents, other materials, calculations, and any statutory or case law authority in support of the grounds for the Protest.
- A statement indicating the relief sought by the affected (protesting) party.
- Any other relevant information that the affected party deems to be material to Protest.

Upon receipt of a timely filed "Notice of Intent to File a Protest", the Purchasing Director or Public Works Director (as appropriate) may abate the award of the formal bid/quote/proposal as appropriate, until the Protest is heard pursuant to the informal hearing process as further outlined below, except and unless the County Manager shall find and set forth in writing, particular facts and circumstances that would require an immediate award of the formal bid/quote/proposal for the purpose of avoiding a danger to the public health, safety, or welfare. Upon such written finding by the County Manager, the County Manager may authorize an expedited Protest hearing procedure. The expedited Protest hearing shall be held within ninety-six (96) hours of the action giving rise to the contractor/vendor/firm's Protest, or as soon as may be practicable for all parties. The "Notice of Intent to File a Protest" shall serve as the grounds for the affected party's presentation and the requirements for the submittal of a formal, written Protest under these procedures, to include the requirement for a bond, shall not apply.

The Dispute Committee shall conduct an informal hearing with the protesting contractor/vendor/firm to attempt to resolve the Protest, within seven working days (excluding Saturdays, Sundays and legal holidays) from receipt of the Formal Written Protest. The Chairman of the Dispute Committee shall ensure that all affected parties may make presentations and rebuttals, subject to reasonable time limitations, as appropriate. The purpose of the informal hearing by the Dispute Committee, the protestor and other affected parties is to provide and opportunity: (1) to review the basis of the Protest; (2) to evaluate the facts and merits of the Protest; and (3) to make a determination whether to accept or reject the Protest.

Once a determination is made by the Dispute Committee with respect to the merits of the Protest, the Dispute Committee shall forward to the Board of County Commissioners its recommendations, which shall include relevant background information related to the procurement.

Upon receiving the recommendation from the Dispute Committee, the Board of County Commissioners shall conduct a hearing on the matter at a regularly scheduled meeting. Following presentations by the affected parties, the Board shall render its decision on the merits of the Protest.

If the Board's decision upholds the recommendation by the Dispute Committee regarding the award, and further finds that the Protest was either frivolous and/or lacked merit, the Board, at its discretion, may assess costs, charges, or damages associated with any delay of the award, or any costs incurred with regard to the protest. These costs, charges or damages may be deducted from the security (bond or letter of credit) provided by the contractor/vendor/firm. Any costs, charges or damages assessed by the Board in excess of the security shall be paid by the protesting contractor/vendor/firm within thirty (30) calendar days of the Board's final determination concerning the award.

All formal bid/quote/proposal solicitations shall set forth the following statement:

“FAILURE TO FOLLOW THE BID PROTEST PROCEDURE REQUIREMENTS WITHIN THE TIMEFRAMES AS PRESCRIBED HEREIN AND ESTABLISHED BY LEE COUNTY BOARD OF COUNTY COMMISSIONERS, FLORIDA, SHALL CONSTITUTE A WAIVER OF YOUR PROTEST AND ANY RESULTING CLAIMS.”

11. PUBLIC ENTITY CRIME

Any person or affiliate as defined by statute who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid or a contract to provide any goods or services to the County; may not submit a bid on a contract with the County for the construction or repair of a public building or a public work; may not submit bids or leases of real property to the County; may not be awarded or perform works as a contractor, supplier, subcontractor, or consultant under a contract with the County, and may not transact business with the County in excess of \$25,000.00 for a period of 36 months from the date of being placed on the convicted vendor list.

12. **QUALIFICATION OF QUOTERS** (unless otherwise noted)

Quotes will be considered only from firms normally engaged in the sale and distribution or provision of the services as specified herein. Quoters shall have adequate organization, facilities, equipment, and personnel to ensure prompt and efficient service to Lee County. The County reserves the right before recommending any award to inspect the facilities and organization; or to take any other action necessary to determine ability to perform is satisfactory, and reserves the right to reject quotes where evidence submitted or investigation and evaluation indicates an inability of the quoter to perform.

13. **MATERIAL SAFETY DATA SHEETS**

In accordance with Chapter 443 of the Florida Statutes, it is the vendor's responsibility to provide Lee County with Materials Safety Data Sheets on quoted materials, as may apply to this procurement.

14. **MISCELLANEOUS**

If a conflict exists between the General Conditions and the detailed specifications, then the detailed specifications shall prevail.

15. **WAIVER OF CLAIMS**

Once this contract expires, or final payment has been requested and made, the awarded contractor shall have no more than 30 days to present or file any claims against the County concerning this contract. After that period, the County will consider the Contractor to have waived any right to claims against the County concerning this agreement.

16. **AUTHORITY TO PIGGYBACK**

It is hereby made a precondition of any quote and a part of these specifications that the submission of any quote in response to this request constitutes a quote made under the same conditions, for the same price, and for the same effective period as this quote, to any other governmental entity.

17. **COUNTY RESERVES THE RIGHT**

a) **State Contract**

If applicable, the County reserves the right to purchase any of the items in this quote from State Contract Vendors if the prices are deemed lower on State Contract than the prices we receive in this quotation.

b) **Any Single Large Project**

The County, in its sole discretion, reserves the right to separately quote any project that is outside the scope of this quote, whether through size, complexity, or dollar value.

c) **Disadvantaged Business Enterprises**

The County, in its sole discretion, reserves the right to purchase any of the items in this quote from Disadvantage Business Enterprise vendor if the prices are determined to be in the best interest of the County, to assist the County in the fulfillment of any of the County's grant commitments to federal or state agencies.

The County further reserves the right to purchase any of the items in this quote from DBE's to fulfill the County's state policy toward DBE's as outlined in County Ordinance 88-45 and 90-04, as amended.

d) **Anti-Discrimination**

The vendor for itself, its successors in interest, and assignees, as part of the consideration there of covenant and agree that:

In the furnishing of services to the County hereunder, no person on the grounds of race, religion, color, age, sex, national origin, handicap or marital status shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination.

The vendor will not discriminate against any employee or applicant for employment because of race, religion, color, age, sex, national origin, handicap or marital status. The vendor will make affirmative efforts to insure that applicants are employed and that employees are treated during employment without regard to their race, religion, color, age, sex, national origin, handicap or marital status. Such action shall include, but not be limited to, acts of employment, upgrading, demotion or transfer; recruitment advertising; layoff or termination, rates of pay or other forms of compensation and selection for training, including apprenticeship.

Vendor agrees to post in a conspicuous place, available to employees and applicants for employment, notices setting forth the provisions of this anti-discrimination clause.

Vendor will provide all information and reports required by relevant regulations and/or applicable directives. In addition, the vendor shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County to be pertinent to

ascertain compliance. The vendor shall maintain and make available relevant data showing the extent to which members of minority groups are beneficiaries under these contracts.

Where any information required of the vendor is in the exclusive possession of another who fails or refuses to furnish this information, the vendor shall so certify to the County its effort made toward obtaining said information. The vendor shall remain obligated under this paragraph until the expiration of three (3) years after the termination of this contract.

In the event of breach of any of the above anti-discrimination covenants, the County shall have the right to impose sanctions as it may determine to be appropriate, including withholding payment to the vendor or canceling, terminating, or suspending this contract, in whole or in part.

Additionally, the vendor may be declared ineligible for further County contracts by rule, regulation or order of the Board of County Commissioners of Lee County, or as otherwise provided by law.

The vendor will send to each union, or representative of workers with which the vendor has a collective bargaining agreement or other contract of understanding, a notice informing the labor union of worker's representative of the vendor's commitments under this assurance, and shall post copies of the notice in conspicuous places available to the employees and the applicants for employment.

The vendor will include the provisions of this section in every subcontract under this contract to insure its provisions will be binding upon each subcontractor. The vendor will take such actions with respect to any subcontractor, as the contracting agency may direct, as a means of enforcing such provisions, including sanctions for non-compliance.

18. **AUDITABLE RECORDS**

The awarded vendor shall maintain auditable records concerning the procurement adequate to account for all receipts and expenditures, and to document compliance with the specifications. These records shall be kept in accordance with generally accepted accounting methods, and Lee County reserves the right to determine the record-keeping method required in the event of non-conformity. These records shall be maintained for two years after completion of the project and shall be readily available to County personnel with reasonable notice, and to other persons in accordance with the Florida Public Disclosure Statutes.

19. **DRUG FREE WORKPLACE**

Whenever two or more quotes/proposals, which are equal with respect to price, quality and service, are received for the procurement of commodities or contractual services, a quote/proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall comply with the requirements of Florida Statutes 287.087.

20. **REQUIRED SUBMITTALS**

Any submittals requested should be returned with the quote response. This information may be accepted after opening, but no later than 10 calendar days after request.

21. **TERMINATION**

Any agreement as a result of this quote may be terminated by either party giving thirty (30) calendar days advance written notice. The County reserves the right to accept or not accept a termination notice submitted by the vendor, and no such termination notice submitted by the vendor shall become effective unless and until the vendor is notified in writing by the County of its acceptance.

The Purchasing Director may immediately terminate any agreement as a result of this quote for emergency purposes, as defined by the Lee County Purchasing and Payment Procedure Manual.

Any vendor who has voluntarily withdrawn from a formal quote/proposal without the County's mutual consent during the contract period shall be barred from further County procurement for a period of 180 days. The vendor may apply to the Board of Lee County Commissioners for waiver of this debarment. Such application for waiver of debarment must be coordinated with and processed by Purchasing.

22. **CONFIDENTIALITY**

Vendors should be aware that all submittals (including financial statements) provided with a quote/proposal are subject to public disclosure and will **not** be afforded confidentiality.

23. **ANTI-LOBBYING CLAUSE**

All firms are hereby placed on formal notice that neither the County Commissioners nor candidates for County Commission, nor any employees from the Lee County Government, Lee County staff members, nor any members of the Qualification/Evaluation Review Committee are to be lobbied, either individually

or collectively, concerning this project. Firms and their agents who intend to submit qualifications, or have submitted qualifications, for this project are hereby placed on *formal notice* that they are *not* to contact County personnel for such purposes as holding meetings of introduction, meals, or meetings relating to the selection process outside of those specifically scheduled by the County for negotiations. Any such lobbying activities may cause immediate disqualification for this project.

24. **INSURANCE (AS APPLICABLE)**

Insurance shall be provided, per the attached insurance guide. Upon request, an insurance certificate complying with the attached guide may be required prior to award.

**LEE COUNTY, FLORIDA
PROPOSAL QUOTE FORM
FOR THE PURCHASE OF A/V EQUIPMENT
FOR THE LEE COUNTY COMMISSION CHAMBERS**

DATE SUBMITTED: _____

VENDOR NAME: _____

TO: The Board of County Commissioners
 Lee County
 Fort Myers, Florida

Having carefully examined the "General Conditions", and the "Detailed Specifications", all of which are contained herein, the Undersigned proposes to furnish the following which meet these specifications:

The undersigned acknowledges receipt of Addenda numbers: _____

WILL YOU DELIVER WITH YOUR OWN VEHICLE AS OPPOSED TO COMMON CARRIER?

YES _____ NO _____

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. NOTE: NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE OR AGENT ARE PERMITTED EITHER WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIAL (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME _____

BY (Printed): _____

BY (Signature): _____

TITLE: _____

FEDERAL ID # OR S.S.# _____

ADDRESS: _____

PHONE NO.: _____

FAX NO.: _____

CELLULAR PHONE/PAGER NO.: _____

LEE COUNTY OCCUPATIONAL LICENSE NUMBER: _____

E-MAIL ADDRESS: _____

REVISED: 7/28/00

Revised: 5/28/02

PROJECT OVERVIEW

General Description:

Project Name: Lee County Commission Chambers Upgrade

Project Locations: Lee County Commission Chambers & Control Room
2115 First Street, Fort Myers, FL

PLEASE USE ADDITIONAL SHEETS OF PAPER AS NECESSARY TO RESPOND IN FULL TO THE FOLLOWING QUESTIONS/REQUIREMENTS.

PLEASE SUBMIT ALL REQUIRED SUBMITTALS IN TRIPPLICATE.

QUESTIONS FOR THE PRE-BID CONFERENCE

As noted on the cover sheet of this package, a **MANDATORY** pre-bid conference will be held for this project at 1:00 p.m. on Friday, June 6, 2003. It would be appreciated if interested vendors could submit any technical questions they may have (i.e., wiring, etc.) on their letterhead in advance of this date and time so that Lee County personnel will be prepared to answer these inquiries in a timely fashion.

Questions should be sent to Bob Franceschini, Lee County Purchasing via regular mail at the address given on the cover sheet; fax – 239-689-7390; or e-mail: rfranceschini@leegov.com.

CONTRACTS/AGREEMENTS

If your firm will require Lee County to sign any type of contract and/or agreement as part of this purchase; please include a copy of these documents with Step One of the quotation.

PRE-CONSTRUCTION CONFERENCE

Lee County Public Resources will conduct a conference prior to the commencement of any work activities at the project locations listed above at a date to be determined following award. The awarded vendor will bear all costs (travel, lodging, meals etc.) associated with his/her attendance at this conference.

VENDOR QUALIFICATIONS

To qualify for consideration for selection as a qualified vendor, a vendor must meet certain designated minimum experience and qualifications. These minimum qualifications are outlined in the following sections. A vendor must also demonstrate that he/she is financially qualified.

NOTE: IN ORDER TO QUALIFY TO PROCEED TO STEP TWO AS A QUALIFIED VENDOR; A "PASS" MUST BE OBTAINED FOR ALL OF THE EVALUATION CRITERIA – SEE "SAMPLE A – EVALUATION SHEETS FOR REQUEST FOR QUALIFICATIONS".

REQUIRED SUBMITTALS FOR THIS RFQ ARE AS FOLLOWS:

I. EXPERIENCE

Companies submitting this prequalification request shall have demonstrable, professional experience and background in the sale and installation of equipment such as that specified in this quotation. Further, all companies submitting a prequalification request shall provide a minimum of three (3) references listing customer names, addresses, telephone numbers, and contact person, for whom equipment, similar to that detailed in this quotation, has been installed and is currently in use.

Describe experience in narrative form, no longer than two (2) 8-1/2" x 11" pages and include references.

II. FINANCIAL QUALIFICATIONS (MINIMUM)

GUIDE "A"

INSURANCE REQUIREMENTS FOR PRODUCTS

Your certificate of insurance must meet the following requirements

Requirement #1: The Lee County Board of County Commissioners shall be added as an additional insured on the comprehensive general liability policy.

Requirement #2: Certificate holder shall be listed as follows:

Lee County Board of County Commissioners
C/O Lee County Purchasing
P.O. Box 398
Fort Myers, FL 33902

Requirement #3: **Each policy shall provide a 30 day notification clause in the event of cancellation, non-renewal or adverse change.**

This Standard Insurance Language is to be utilized for Contracts, or Agreements meeting these circumstances. Certain conditions and/or exposures may not relieve or limit the liability of the vendor. These requirements may not be sufficient or adequate to protect the vendor's interests or liabilities, but are merely minimums.

Circumstances

Project is for vendors providing a tangible product, and not labor, such as, but not limited to , hardware, supplies, and other merchandise.

Worker's Compensation

Statutory benefits as defined by FS 440 encompassing all operations contemplated by this contract or agreement to apply to all owners, officers, and employees regardless of the number of employees. Individual employees may be exempted per State Law. Employees liability will have minimum limits of:

- \$100,000 per accident
- \$500,000 disease limit
- \$100,000 disease limit per employee

Commercial General Liability

Coverage shall apply to premises and/or operations, products and/or completed operations, independent contractors, contractual liability, and broad form property damage exposures with minimum limits of:

- \$100,000 bodily injury per person (BI)
- \$300,000 bodily injury per occurrence (BI)
- \$100,000 property damage (PD) or
- \$300,000 combined single limit (CSL) of BI and PD

Business Automobile Liability

If the vendor indicates on the price page that vehicles other than their own (common carrier) will be used for delivery, then the following Automobile Liability will not be required.

Coverage shall apply to owned vehicles and/or hired and non-owned vehicles and employee non-ownership use with minimum limits of:

- \$100,000 bodily injury per person (BI)
- \$300,000 bodily injury per occurrence (BI)
- \$100,000 property damage (PD) or
- \$300,000 combined single limit (CSL) of BI and PD

Certificate of Insurance

An original hand signed certificate shall be on file with and approved by the Lee County Risk Management Office prior to the commencement of any work activities.

In the event the insurance coverage expires prior to the completion of the project, a renewal certificate shall be on file with Risk Management at least 15 days prior to the expiration date.
Revised 10/18/00

Please include copies of current Certificates of Insurance or a letter from your insurance company evidencing the ability of your company to be insured for the amounts required under this RFQ.

III. LICENSING

Companies submitting this prequalification request must be a licensed Registered Communications Distribution Designer (RCDD) in the State of Florida.

Please include a copy of your current State of Florida RCDD license.

IV. EMERGENCY REPAIR RESPONSE TIME

Companies submitting this prequalification must be able to provide 24-hour or less response times to perform emergency on-site repairs.

Please explain how your firm complies with this requirement.

V. A/V EQUIPMENT IN COMMISSION CHAMBERS

NOTE: THE A/V EQUIPMENT YOU ARE QUOTING MUST COMPLY WITH THE FOLLOWING OVERALL REQUIREMENTS.

Does your quoted equipment meet all of the following requirements?

Yes _____ No _____

***Digital Projector**

Installation of video projector on the ledge of the chambers balcony. Lee County Facilities Management will be responsible for the construction of the projector platform. The video projector will have the ability to be turned on and have zoom and focus abilities at the main podium and the control room located in the rear of the commission chambers. The vendor will be responsible for all electrical wiring, cables, connectors and adaptors. The digital projector will have the ability for both for data and video signals i.e. PAL, SECAM, NTSC Video capabilities. It will have a minimum of 4 ANSI lumens with brightness controls from the podium and the control room. The long zoom lens adaptor will consists of a minimum of 2.70 - 4.8:1 throw ratio.

Please explain how your firm complies with this requirement.

***Projection Screen**

Installation of the projection screen will be in the rear of the commissioner's dais directly in front of the General Lee portrait. The ceiling mount depth of screen is 16 inches. Lee County Facilities Management will provide a wooden valance to hide the mechanism. Operation of the screen will be from the main podium and the control room. The screen will be high quality providing a bright, uniform image with no color shift no matter at what the angles are. The screen should have a high 1.3 Goniophotometer reflectance reading. Screen size should be approximately 115 inches by 90 inches.

Please explain how your firm complies with this requirement.

***Presentation Podium**

NOTE: A diagram or photo of the presentation podium is required and should be submitted with Step One of this quotation.

The vendor will provide a multi purpose podium matching the oak wood decor of the Commission Chambers. Installed equipment will consist of a networked computer (provided by the County) and a VCR/DVD player provided by the vendor. A slide out tray will be house an overhead video camera (provided by the vendor) consisting of a true XGA resolution plus NTSC/PAL video output 1/3" 850,000 (1,077 x 778) pixels progressive-Scan CCD, Analog RGB (XGA-75Hz) output. This camera will also be able to converts the external analog RGB input into video output. Other features to include high quality 10x optical zoom, auto focus and a wireless remote control.

The Podium will also include LCD screen using the tethered stylus to control, edit and annotate over computer-based material. This device will enable the presenter to smoothly make transitions between three peripherals, computer, laptop and overhead camera. The laptop feature should be easily connected to the unit, gaining access to all the console's interactive features.

Projection and audio signals emanating from the main podium include, VCR, DVD, computer signals, and overhead video camera will be routed through the control room to be distributed separately or combined to the following sources; video projector, TV broadcast, media room and 5 display monitors at the Commissioners Dais. The vendor will install and wire all equipment components.

Please explain how your firm complies with this requirement.

*Commissioner's Monitors.

Five (5) 15-inch LCD flat panel high-resolution color monitors will be installed on the commissioner's dais capable of receiving computer and video signals. These monitors are to be unobtrusive to the audience and easily visible to the user without encumbering a large amount of workable space. **NOTE: Quoters should include a plan or drawing on how the monitors will swing, fold and/or angle with Step One of this quotation.**

Please explain how your firm complies with this requirement.

VI. INSTALLATION OF BROADCAST EQUIPMENT IN COMMISSION CHAMBERS

NOTE: THE INSTALLATION YOU ARE QUOTING MUST COMPLY WITH THE FOLLOWING OVERALL REQUIREMENTS.

Does your quoted installation meet all of the following requirements?

Yes _____ No _____

*Camera Installation.

Removal of existing cameras and installation/wiring of four (4) 1/2" IT type 3-CCD system video cameras with approx. 410,000 Pixels. Camera lens will consist of a minimum of 18x magnification. All cameras will be mounted on pan and tilt heads connected to control panel in the control room. The remote camera controls of the cameras will include pan, tilt, zoom focus, and white/black balances. Vendor will be responsible for all hardware, brackets, wiring and cabling.

A fifth camera matching the other cameras will be required. This camera will need to be studio configured with a studio viewfinder. This camera will be mounted on the County's tripod and will have zoom and focus capabilities. This will provide an RGB signal back into the control room via portable cable.

Please explain how your firm complies with this requirement.

*Additional Cabling

The vendor will route an additional XLR audio cable from the staff minutes table to the control room to be tied into mixer providing a 4th channel to the minutes department.

Please explain how your firm complies with this requirement.

*Control Room Upgrade.

A 6-channel switcher with six (6) black and white monitors will replace the 4-channel switcher and existing monitors. Label all wiring and cabling in the control room that is required due to the modifications in this RFQ. Modify wiring, routing components to equipment distribution points that is required in this modification in order to meet professional video production standards.

Please explain how your firm complies with this requirement.

VII. ADDITIONAL REQUIREMENTS AND SUBMITTALS

NOTE: YOUR QUOTE MUST COMPLY WITH THE FOLLOWING OVERALL REQUIREMENTS.

Does your quote meet all of the following requirements?

Yes _____ No _____

*A comprehensive equipment list that includes, at a minimum, the quantity, manufacturer, model, and manufacturer's part number for the equipment listed in this RFQ should be submitted with Step One of this quotation.

Please explain how your firm complies with this requirement.

*All wiring diagrams and photos as requested throughout the specifications should be submitted with Step One of this quotation.

Please explain how your firm complies with this requirement.

*A detailed service plan on the equipment should be submitted with Step One of this quotation. Included with this plan should be all cabling, wiring and distribution components covered in this RFQ. The plan should include telephone technical support, emergency on site repair and preventive maintenance. (Rates for this plan should be included under Option A in Step Two of this RFQ.)

Please explain how your firm complies with this requirement.

*Lee County desires sole source responsibility for this project; therefore, any use of subcontractors must be approved by the County representative and must be limited to minor tasks (i.e., drywall repairs, etc).

Please explain how your firm complies with this requirement.

VIII. WARRANTY

*A minimum of one (1) year on-site warranty coverage (including parts, labor and travel time) shall be provided on all installation work and equipment covered under these specifications.

Please explain how your firm complies with this requirement.

SAMPLE A

EVALUATION SHEETS FOR
REQUEST FOR QUALIFICATIONS

Project Name: A/V Equipment for Commission Chambers

Quotation No.: Q-030150

Committee Evaluation Date/Time: _____

I. EXPERIENCE

Companies submitting this prequalification request shall have demonstrable, professional experience and background in the sale and installation of equipment such as that specified in this quotation. Was the narrative describing this provided and are the qualifications acceptable?

_____ PASS _____ FAIL

All companies submitting a prequalification request shall provide a minimum of three (3) references listing customer names, addresses, telephone numbers, and contact person, for whom equipment, similar to that detailed in this quotation, has been installed and is currently in use. Were the references and accompanying information provided? Were the reference checks acceptable?

_____ PASS _____ FAIL

II. FINANCIAL QUALIFICATIONS

Were current Certificates of Insurance or letter from insurance company evidencing the Vendor's ability to obtain insurance provided and acceptable?

_____ PASS _____ FAIL

III. LICENSING

Was a copy of the vendor's current State of Florida RCDD license submitted and acceptable?

_____ PASS _____ FAIL

IV. EMERGENCY REPAIR RESPONSE TIME

Did this vendor adequately explain its ability to provide 24-hour or less response times to perform emergency on-site repairs.

_____ PASS _____ FAIL

V. A/V EQUIPMENT IN COMMISSION CHAMBERS

Could this firm answer "Yes" to all of the questions under "Overall Requirements" in Section V – A/V Equipment In Commission Chambers? Did it adequately prove that its equipment complies with the requirements under this section?

_____ PASS _____ FAIL

VI. INSTALLATION OF BROADCAST EQUIPMENT IN COMMISSION CHAMBERS

Could this firm answer "Yes" to all of the questions under "Overall Requirements" in Section VI – Installation of Broadcast Equipment in Commission Chambers? Did it adequately prove that its installation plan complies with the requirements under this section?

_____ PASS _____ FAIL

VII. ADDITIONAL REQUIREMENTS AND SUBMITTALS

Could this firm answer "Yes" to all of the questions under "Overall Requirements" in Section VII – Additional Requirements and Submittals? Did it adequately prove that its quote complies with the requirements under this section?

_____ PASS _____ FAIL

VIII. WARRANTY

Did this firm provide adequate proof of a minimum of one (1) year on-site warranty coverage (including parts, labor and travel time) on all installation work and equipment covered under these specifications.

_____ PASS _____ FAIL

SAMPLE B

REFERENCE CHECK FORM

Project Name: A/V Equipment for Commission Chambers

Quotation No.: Q-030150

1. Has this company provided A/V equipment and installation similar to that being quoted to Lee County to your firm/entity?

Yes _____

No _____

2. During the installation of the system, how was their response time to your requests?

Excellent _____

Satisfactory _____

Poor _____

3. Once the installation was completed, how would you rate the follow-up and availability of their managerial and support staff?

Excellent _____

Satisfactory _____

Poor _____

4. Would you recommend employment of this company?

Yes _____

No _____

If no, please explain: _____

OVERALL COMMENTS: _____

REFERENCE CALLED: _____

NAME: _____

DATE: _____

TIME: _____

CHECKER'S SIGNATURE: _____

LEE COUNTY PURCHASING - BIDDERS CHECK LIST

IMPORTANT: Please read carefully and return with your bid proposal.

Please check off each of the following items as the necessary action is completed:

- 1. The Quote has been signed.
- 2. The Quote prices offered have been reviewed.
- 3. The price extensions and totals have been checked.
- 4. The original (must be manually signed) and 2 copies of the quote have been submitted.
- 5. Three (3) identical sets of descriptive literature, brochures and/or data (if required) have been submitted under separate cover.
- 6. All modifications have been acknowledged in the space provided.
- 7. All addendums issued, if any, have been acknowledged in the space provided.
- 8. Erasures or other changes made to the quote document have been initialed by the person signing the quote.
- 9. Bid Bond and/or certified Check, (if required) have been submitted with the quote in amounts indicated.
- 10. Any Delivery information required is included.

- 11. The mailing envelope has been addressed to:

MAILING ADDRESS	PHYSICAL ADDRESS
Lee County Purchasing	Lee County Purchasing
P.O. Box 398	3434 Hancock Bridge Pkwy #307
Ft. Myers, FL 33902-0398	N. Ft. Myers, FL 33903

- 12. The mailing envelope **MUST** be sealed and marked with:
 Quote Number
 Opening Date and/or Receiving Date

- 13. The quote will be mailed or delivered in time to be received no later than the specified opening date and time. (Otherwise quote cannot be considered or accepted.)

- 14. If submitting a "NO BID" please write quote number here _____ and check one of the following:
 - Do not offer this product
 - Insufficient time to respond.
 - Unable to meet specifications (why)
 - Unable to meet bond or insurance requirement.
 - Other: _____

Company Name and Address:

ATTACHMENT 5



LEE COUNTY
SOUTHWEST FLORIDA

PROJECT NO.: Q-030150

OPEN DATE: JUNE 24, 2003

AND TIME: 2:30 P.M.

MANDATORY

PRE-BID DATE: JUNE 6, 2003

AND TIME: 1:00 P.M.

LOCATION:

3434 HANCOCK BRIDGE PARKWAY
NORTH FORT MYERS, FL 33903

REQUEST FOR QUOTATIONS

(STEP TWO - PRICING)

TITLE:

A/V EQUIPMENT FOR THE LEE COUNTY
COMMISSION CHAMBERS

REQUESTER: LEE COUNTY BOARD OF COUNTY COMMISSIONERS
DIVISION OF PURCHASING

MAILING ADDRESS

P.O. BOX 398
FORT MYERS, FL 33902-0398

PHYSICAL ADDRESS

3434 HANCOCK BRIDGE PKWY, #307
NORTH FORT MYERS, FL 33903

BUYER: BOB FRANCESCHINI, C.P.P.B., CPM
PURCHASING AGENT
PHONE NO.: (239) 689-7385

GENERAL CONDITIONS

Sealed Quotations will be received by the DIVISION OF PURCHASING, until 2:30pm on the date specified on the cover sheet of this "Request for Quotations", and opened immediately thereafter by the Purchasing Director or designee.

Any question regarding this solicitation should be directed to the Buyer listed on the cover page of this solicitation, or by calling the Division of Purchasing at (239) 689-7385.

1. SUBMISSION OF QUOTE:

- a. Quotations shall be sealed in an envelope, and the outside of the envelope should be marked with the following information:
 - 1. Marked with the words "Sealed Quote"
 - 2. Name of the firm submitting the quotation
 - 3. Title of the quotation
 - 4. Quotation number
- b. The Quotation shall be submitted in triplicate as follows:
 - 1. The original consisting of the Lee County quotes forms completed and signed.
 - 2. A copy of the original quote forms for the Purchasing Director.
 - 3. A second copy of the original quote forms for use by the requesting department.
- c. The following should be submitted along with the quotation in a separate envelope. This envelope should be marked as described above, but instead of marking the envelope as "Sealed Quote", please indicate the contents; i.e., literature, drawings, submittals, etc. This information should be submitted in duplicate.
 - 1. Any information (either required or in addition to that asked for by the specifications) necessary to analyze your quotation; i.e., required submittals, literature, technical data, financial statements.
 - 2. Warranties and guarantees against defective materials and workmanship.
- d. **ALTERNATE QUOTE:** If the vendor elects to submit more than one quote, then the quotes should be submitted in separate envelopes and marked as indicated above. The second, or alternate quote should be marked as "Alternate".

- e. **QUOTES RECEIVED LATE:** It is the quoter's responsibility to ensure that his quote is received by the Division of Purchasing prior to the opening date and time specified. Any quote received after the opening date and time will be promptly returned to the quoter unopened. Lee County will not be responsible for quotes received late because of delays by a third party delivery service; i.e., U.S. Mail, UPS, Federal Express, etc.
- f. **QUOTE CALCULATION ERRORS:** In the event there is a discrepancy between the total quoted amount or the extended amounts and the unit prices quoted, the unit prices will prevail and the corrected sum will be considered the quoted price.
- g. **PAST PERFORMANCE:** All vendors will be evaluated on their past performance and prior dealings with Lee County (i.e., failure to meet specifications, poor workmanship, late delivery, etc.).
- h. **WITHDRAWAL OF QUOTE:** No quote may be withdrawn for a period of 90 days after the scheduled time for receiving quotes. A quote may be withdrawn prior to the quote-opening date and time. Such a request to withdraw should be made in writing to the Purchasing Director, who will approve or disapprove of the request.
- i. **COUNTY RESERVES THE RIGHT:** The County reserves the right to waive minor informalities in any quote; to reject any or all quotes with or without cause; and/or to accept the quote that in its judgment will be in the best interest of the County of Lee.
- j. **EXECUTION OF QUOTE:** All quotes shall contain the signature of an authorized representative of the quoter in the space provided on the quote proposal form. All quotes shall be typed or printed in ink. The bidder may not use erasable ink. All corrections made to the quote shall be initialed.

2. **ACCEPTANCE**

The materials and/or services delivered under the quote **shall** remain the property of the seller until a physical inspection and actual usage of these materials and/or services is accepted by the County and is to be in compliance with the terms herein, fully in accord with the specifications and of the highest quality. In the event the materials and/or services supplied to the County are found to be defective or do not conform to specifications, the County reserves the right to cancel the order upon written notice to the seller and return such product to the seller at the seller's expense.

3. **SUBSTITUTIONS**

Whenever in these specifications a brand name or make is mentioned, it is the intention of the County only to establish a grade or quality of materials and not to rule out other brands or makes of equality. However, if a product other than that specified is quote, it is the vendor's responsibility to name such product with his quote and to prove to the County that said product is equal to the product specified. Lee County **shall** be the sole judge as to whether a product being offered by the quoter is actually equivalent to the one being specified by the detailed specifications. (Note: This paragraph does not apply when it is determined that the technical requirements of this solicitation require only a specific product as stated in the detailed specifications.)

4. **RULES, REGULATIONS, LAWS, ORDINANCES & LICENSES**

The awarded vendor shall observe and obey all laws, ordinances, rules, and regulations, of the federal, state, and local government, which may be applicable to the supply of this product or service.

- a. Occupational License – Vendor shall submit within 10 calendar days after request.
- b. Specialty License(s) – Vendor shall possess at the time of the opening of the quote all necessary permits and/or license required for the sale of this product and/or service and upon the request of the County provide copies of licenses and/or permits within 10 calendar days after request.

5. **RECYCLED PRODUCTS**

It is the Lee County Board of County Commissioners' stated policy objective to "Ensure all departments are aware of the availability of recycled products..." (Administrative Code #AC-10-4). In an effort to provide the utmost opportunity for the use of recycled products by Lee County, vendors should list on their letterhead, all necessary information regarding any applicable recycled products they have available. Recycled products should meet all other specifications listed and have a minimum of 50%-recycled content. Whenever fiscally feasible, available recycled products will be purchased.

6. **WARRANTY/GUARANTY** (unless otherwise specified)

All materials and/or services furnished under this quote shall be warranted by the vendor to be free from defects and fit for the intended use.

7. **PRE-BID CONFERENCE**

A pre-bid conference will be held at the location, date, and time specified on the cover of this solicitation. Pre-bid conferences are generally non-mandatory, but it is highly recommended that everyone planning to submit a quote attend.

In the event a pre-bid conference is classified as mandatory, it will be so specified on the cover of this solicitation and it will be the responsibility of the quoter to ensure that they are represented at the pre-bid. Only those quoters who attend the pre-bid conference will be allowed to quote on this project.

8. **BIDDERS LIST MAINTENANCE**

A bidder should respond to "Request for Quotations" in order to be kept on the Bidder's List. Failure to respond to three different "request for quotations" may result in the vendor being removed from the Bidder's List. A bidder may do one of the following, in order to respond properly to the request:

- a. Submission of a quotation prior to the quote receipt deadline.
- b. Submission of a "no bid" notice prior to the quote receipt deadline.

9. **LEE COUNTY PAYMENT PROCEDURES**

All vendors are requested to mail one original invoice and one invoice copy to:

Lee County Finance Department
Post Office Box 2238
Fort Myers, FL 33902-2238

All invoices will be paid as directed by the Lee County payment procedure unless otherwise differently stated in the detailed specification portion of this quote.

Lee county will not be liable for request of payment deriving from aid, assistance, or help by any individual, vendor, quoter, or bidder for the preparation of these specifications.

Lee County is generally a tax-exempt entity subject to the provisions of the 1987 legislation regarding sales tax on services. Lee County will pay those taxes for which it is obligated, or it will provide a Certificate of Exemption furnished by the Department of Revenue. All contractors or quoters should include in their quote all sales or use taxes, which they will pay when making purchases of material or subcontractor's services.

10. **LEE COUNTY BID PROTEST PROCEDURE**

Any contractor/vendor/firm that has submitted a formal bid/quote/proposal to Lee County, and who is adversely affected by an intended decision with respect to the award of the formal bid/quote/proposal, shall file with the County's Purchasing Director or Public Works Director a written "Notice of Intent to File a Protest" not later than seventy-two (72) hours (excluding Saturdays, Sundays and Legal Holidays) after receipt of a "Notice of Intended Decision" from the County with respect to the proposed award of the formal bid/quote/proposal.

The "Notice of Intent to File a Protest" is one of two documents necessary to perfect Protest. The second document is the "Formal Written Protest", both documents are described below.

The "Notice of Intent to File a Protest" document shall state all grounds claimed for the Protest, and clearly indicate it as the "Notice of Intent to File a Protest". Failure to clearly indicate the Intent to file the Protest shall constitute a waiver of all rights to seek any further remedies provided for under this Protest Procedure.

The "Notice of Intent to File a Protest" shall be received ("stamped in") by the Purchasing Director or Public Works Director not later than Four o'clock (4:00) PM on the third working day following the day of receipt of the County's Notice of Intended Decision.

The affected party shall then file its Formal Written Protest within ten (10) calendar days after the time for the filing of the Notice of Intent to File a Protest has expired. Except as provided for in the paragraph below, upon filing of the Formal Written Protest, the contractor/vendor/firm shall post a bond, payable to the Lee County Board of County Commissioners in an amount equal to five percent (5%) of the total bid/quote/proposal, or Ten Thousand Dollars (\$10,000.00), whichever is less. Said bond shall be designated and held for payment of any costs that may be levied against the protesting contractor/vendor/firm by the Board of County Commissioners, as the result of a frivolous Protest.

A clean, Irrevocable Letter of Credit or other form of approved security, payable to the County, may be accepted. Failure to submit a bond, letter of credit, or other approved security simultaneously with the Formal Written Protest shall invalidate the protest, at which time the County may continue its procurement process as if the original "Notice of Intent to File a Protest" had never been filed.

Any contractor/vendor/firm submitting the County's standard bond form (CSD: 514), along with the bid/quote/proposal, shall not be required to submit an additional bond with the filing of the Formal Written Protest.

The Formal Written Protest shall contain the following:

- County bid/quote/proposal identification number and title.
- Name and address of the affected party, and the title or position of the person submitting the Protest.
- A statement of disputed issues of material fact. If there are no disputed material facts, the Formal Protest must so indicate.
- A concise statement of the facts alleged, and of the rules, regulations, statutes, or constitutional provisions, which entitle the affected party to relief.
- All information, documents, other materials, calculations, and any statutory or case law authority in support of the grounds for the Protest.
- A statement indicating the relief sought by the affected (protesting) party.
- Any other relevant information that the affected party deems to be material to Protest.

Upon receipt of a timely filed "Notice of Intent to File a Protest", the Purchasing Director or Public Works Director (as appropriate) may abate the award of the formal bid/quote/proposal as appropriate, until the Protest is heard pursuant to the informal hearing process as further outlined below, except and unless the County Manager shall find and set forth in writing, particular facts and circumstances that would require an immediate award of the formal bid/quote/proposal for the purpose of avoiding a danger to the public health, safety, or welfare. Upon such written finding by the County Manager, the County Manager may authorize an expedited Protest hearing procedure. The expedited Protest hearing shall be held within ninety-six (96) hours of the action giving rise to the contractor/vendor/firm's Protest, or as soon as may be practicable for all parties. The "Notice of Intent to File a Protest" shall serve as the grounds for the affected party's presentation and the requirements for the submittal of a formal, written Protest under these procedures, to include the requirement for a bond, shall not apply.

The Dispute Committee shall conduct an informal hearing with the protesting contractor/vendor/firm to attempt to resolve the Protest, within seven working days (excluding Saturdays, Sundays and legal holidays) from receipt of the Formal Written Protest. The Chairman of the Dispute Committee shall ensure that all affected parties may make presentations and rebuttals, subject to reasonable time limitations, as appropriate. The purpose of the informal hearing by the Dispute Committee, the protestor and other affected parties is to provide and opportunity: (1) to review the basis of the Protest; (2) to

evaluate the facts and merits of the Protest; and (3) to make a determination whether to accept or reject the Protest.

Once a determination is made by the Dispute Committee with respect to the merits of the Protest, the Dispute Committee shall forward to the Board of County Commissioners its recommendations, which shall include relevant background information related to the procurement.

Upon receiving the recommendation from the Dispute Committee, the Board of County Commissioners shall conduct a hearing on the matter at a regularly scheduled meeting. Following presentations by the affected parties, the Board shall render its decision on the merits of the Protest.

If the Board's decision upholds the recommendation by the Dispute Committee regarding the award, and further finds that the Protest was either frivolous and/or lacked merit, the Board, at its discretion, may assess costs, charges, or damages associated with any delay of the award, or any costs incurred with regard to the protest. These costs, charges or damages may be deducted from the security (bond or letter of credit) provided by the contractor/vendor/firm. Any costs, charges or damages assessed by the Board in excess of the security shall be paid by the protesting contractor/vendor/firm within thirty (30) calendar days of the Board's final determination concerning the award.

All formal bid/quote/proposal solicitations shall set forth the following statement:

“FAILURE TO FOLLOW THE BID PROTEST PROCEDURE REQUIREMENTS WITHIN THE TIMEFRAMES AS PRESCRIBED HEREIN AND ESTABLISHED BY LEE COUNTY BOARD OF COUNTY COMMISSIONERS, FLORIDA, SHALL CONSTITUTE A WAIVER OF YOUR PROTEST AND ANY RESULTING CLAIMS.”

11. **PUBLIC ENTITY CRIME**

Any person or affiliate as defined by statute who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid or a contract to provide any goods or services to the County; may not submit a bid on a contract with the County for the construction or repair of a public building or a public work; may not submit bids or leases of real property to the County; may not be awarded or perform works as a contractor, supplier, subcontractor, or consultant under a contract with the County, and may not transact business with the County in excess of \$25,000.00 for a period of 36 months from the date of being placed on the convicted vendor list.

12. **QUALIFICATION OF QUOTERS** (unless otherwise noted)

Quotes will be considered only from firms normally engaged in the sale and distribution or provision of the services as specified herein. Quoters shall have adequate organization, facilities, equipment, and personnel to ensure prompt and efficient service to Lee County. The County reserves the right before recommending any award to inspect the facilities and organization; or to take any other action necessary to determine ability to perform is satisfactory, and reserves the right to reject quotes where evidence submitted or investigation and evaluation indicates an inability of the quoter to perform.

13. **MATERIAL SAFETY DATA SHEETS**

In accordance with Chapter 443 of the Florida Statutes, it is the vendor's responsibility to provide Lee County with Materials Safety Data Sheets on quoted materials, as may apply to this procurement.

14. **MISCELLANEOUS**

If a conflict exists between the General Conditions and the detailed specifications, then the detailed specifications shall prevail.

15. **WAIVER OF CLAIMS**

Once this contract expires, or final payment has been requested and made, the awarded contractor shall have no more than 30 days to present or file any claims against the County concerning this contract. After that period, the County will consider the Contractor to have waived any right to claims against the County concerning this agreement.

16. **AUTHORITY TO PIGGYBACK**

It is hereby made a precondition of any quote and a part of these specifications that the submission of any quote in response to this request constitutes a quote made under the same conditions, for the same price, and for the same effective period as this quote, to any other governmental entity.

17. **COUNTY RESERVES THE RIGHT**

a) **State Contract**

If applicable, the County reserves the right to purchase any of the items in this quote from State Contract Vendors if the prices are deemed lower on State Contract than the prices we receive in this quotation.

b) **Any Single Large Project**

The County, in its sole discretion, reserves the right to separately quote any project that is outside the scope of this quote, whether through size, complexity, or dollar value.

c) **Disadvantaged Business Enterprises**

The County, in its sole discretion, reserves the right to purchase any of the items in this quote from Disadvantage Business Enterprise vendor if the prices are determined to be in the best interest of the County, to assist the County in the fulfillment of any of the County's grant commitments to federal or state agencies.

The County further reserves the right to purchase any of the items in this quote from DBE's to fulfill the County's state policy toward DBE's as outlined in County Ordinance 88-45 and 90-04, as amended.

d) **Anti-Discrimination**

The vendor for itself, its successors in interest, and assignees, as part of the consideration there of covenant and agree that:

In the furnishing of services to the County hereunder, no person on the grounds of race, religion, color, age, sex, national origin, handicap or marital status shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination.

The vendor will not discriminate against any employee or applicant for employment because of race, religion, color, age, sex, national origin, handicap or marital status. The vendor will make affirmative efforts to insure that applicants are employed and that employees are treated during employment without regard to their race, religion, color, age, sex, national origin, handicap or marital status. Such action shall include, but not be limited to, acts of employment, upgrading, demotion or transfer; recruitment advertising; layoff or termination, rates of pay or other forms of compensation and selection for training, including apprenticeship.

Vendor agrees to post in a conspicuous place, available to employees and applicants for employment, notices setting forth the provisions of this anti-discrimination clause.

Vendor will provide all information and reports required by relevant regulations and/or applicable directives. In addition, the vendor shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County to be pertinent to

ascertain compliance. The vendor shall maintain and make available relevant data showing the extent to which members of minority groups are beneficiaries under these contracts.

Where any information required of the vendor is in the exclusive possession of another who fails or refuses to furnish this information, the vendor shall so certify to the County its effort made toward obtaining said information. The vendor shall remain obligated under this paragraph until the expiration of three (3) years after the termination of this contract.

In the event of breach of any of the above anti-discrimination covenants, the County shall have the right to impose sanctions as it may determine to be appropriate, including withholding payment to the vendor or canceling, terminating, or suspending this contract, in whole or in part.

Additionally, the vendor may be declared ineligible for further County contracts by rule, regulation or order of the Board of County Commissioners of Lee County, or as otherwise provided by law.

The vendor will send to each union, or representative of workers with which the vendor has a collective bargaining agreement or other contract of understanding, a notice informing the labor union of worker's representative of the vendor's commitments under this assurance, and shall post copies of the notice in conspicuous places available to the employees and the applicants for employment.

The vendor will include the provisions of this section in every subcontract under this contract to insure its provisions will be binding upon each subcontractor. The vendor will take such actions with respect to any subcontractor, as the contracting agency may direct, as a means of enforcing such provisions, including sanctions for non-compliance.

18. **AUDITABLE RECORDS**

The awarded vendor shall maintain auditable records concerning the procurement adequate to account for all receipts and expenditures, and to document compliance with the specifications. These records shall be kept in accordance with generally accepted accounting methods, and Lee County reserves the right to determine the record-keeping method required in the event of non-conformity. These records shall be maintained for two years after completion of the project and shall be readily available to County personnel with reasonable notice, and to other persons in accordance with the Florida Public Disclosure Statutes.

19. **DRUG FREE WORKPLACE**

Whenever two or more quotes/proposals, which are equal with respect to price, quality and service, are received for the procurement of commodities or contractual services, a quote/proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall comply with the requirements of Florida Statutes 287.087.

20. **REQUIRED SUBMITTALS**

Any submittals requested should be returned with the quote response. This information may be accepted after opening, but no later than 10 calendar days after request.

21. **TERMINATION**

Any agreement as a result of this quote may be terminated by either party giving thirty (30) calendar days advance written notice. The County reserves the right to accept or not accept a termination notice submitted by the vendor, and no such termination notice submitted by the vendor shall become effective unless and until the vendor is notified in writing by the County of its acceptance.

The Purchasing Director may immediately terminate any agreement as a result of this quote for emergency purposes, as defined by the Lee County Purchasing and Payment Procedure Manual.

Any vendor who has voluntarily withdrawn from a formal quote/proposal without the County's mutual consent during the contract period shall be barred from further County procurement for a period of 180 days. The vendor may apply to the Board of Lee County Commissioners for waiver of this debarment. Such application for waiver of debarment must be coordinated with and processed by Purchasing.

22. **CONFIDENTIALITY**

Vendors should be aware that all submittals (including financial statements) provided with a quote/proposal are subject to public disclosure and will **not** be afforded confidentiality.

23. **ANTI-LOBBYING CLAUSE**

All firms are hereby placed on formal notice that neither the County Commissioners nor candidates for County Commission, nor any employees from the Lee County Government, Lee County staff members, nor any members of the Qualification/Evaluation Review Committee are to be lobbied, either individually

or collectively, concerning this project. Firms and their agents who intend to submit qualifications, or have submitted qualifications, for this project are hereby placed on *formal notice* that they are *not* to contact County personnel for such purposes as holding meetings of introduction, meals, or meetings relating to the selection process outside of those specifically scheduled by the County for negotiations. Any such lobbying activities may cause immediate disqualification for this project.

24. **INSURANCE (AS APPLICABLE)**

Insurance shall be provided, per the attached insurance guide. Upon request, an insurance certificate complying with the attached guide may be required prior to award.

**LEE COUNTY, FLORIDA
PROPOSAL QUOTE FORM
FOR THE PURCHASE OF A/V EQUIPMENT
FOR THE LEE COUNTY COMMISSION CHAMBERS**

DATE SUBMITTED: _____

VENDOR NAME: _____

TO: The Board of County Commissioners
Lee County
Fort Myers, Florida

Having carefully examined the "General Conditions", and the "Detailed Specifications", all of which are contained herein, the Undersigned proposes to furnish the following which meet these specifications:

The undersigned acknowledges receipt of Addenda numbers:

WILL YOU DELIVER WITH YOUR OWN VEHICLES AS OPPOSED TO COMMON CARRIER?

YES _____ NO _____

GRAND TOTAL COST FOR THE EQUIPMENT AND INSTALLATION AS SPECIFIED:

\$ _____

OPTION A – SERVICE PLAN RATES

ANNUAL COST FOR A SERVICE PLAN AS DETAILED IN STEP ONE OF THIS QUOTATION:

\$ _____ PER YEAR

TO BE STARTED WITHIN _____ CALENDAR DAYS AFTER RECEIPT OF AWARD AND PURCHASE ORDER.

Is your firm interested in being considered for the Local Vendor Preference?

Yes _____ No _____

If yes, then read the paragraph entitled "Local Vendor Preference" included in these specifications. Also complete the Local Vendor Preference Questionnaire and return with your quotation.

Quoters should carefully read all the terms and conditions of the specifications. Any representation of deviation or modification to the quote may be grounds to reject the quote.

Are there any modifications to the quote or specifications:

Yes _____ No _____

Failure to clearly identify any modifications in the space below or on a separate page may be grounds for the quoter being declared nonresponsive or to have the award of the quote rescinded by the County.

MODIFICATIONS:

Quoter shall submit his/her quote on the County's Proposal Quote Form, including the firm name and authorized signature. Any blank spaces on the Proposal Quote Form, qualifying notes or exceptions, counter offers, lack of required submittals, or signatures, on County's Form may result in the Quoter/Quote being declared non-responsive by the County.

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. NOTE: NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE OR AGENT ARE PERMITTED EITHER WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIAL (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME _____

BY (Printed): _____

BY (Signature): _____

TITLE: _____

FEDERAL ID # OR S.S.# _____

ADDRESS: _____

PHONE NO.: _____

FAX NO.: _____

CELLULAR PHONE/PAGER NO.: _____

LEE COUNTY OCCUPATIONAL LICENSE NUMBER: _____

E-MAIL ADDRESS: _____

REVISED: 7/28/00

**LEE COUNTY, FLORIDA
DETAILED SPECIFICATIONS
FOR THE PURCHASE OF A/V EQUIPMENT
FOR THE LEE COUNTY COMMISSION CHAMBERS**

SCOPE

This Request For Quotations (RFQ) is issued by Lee County, Florida ("County") to request sealed quotations from vendors interested in providing A/V equipment for the Lee County Commission Chambers.

REQUIRED PRODUCTS

The specifications for the equipment, installation, and annual maintenance and support services required were detailed in Step One of this quotation.

DELIVERY REQUIREMENTS

The total cost quoted shall include **INSIDE DELIVERY**, (F.O.B. Ft. Myers, FL) of the equipment, etc. as directed to Lee County.

BASIS OF AWARD

The basis of award for this quotation will be the overall low quoter (lowest grand total cost) meeting specifications.

OPTION A – SERVICE PLAN RATES

Lee County may wish to purchase an annual service plan as detailed in Step One of this quotation (after the expiration of the initial warranty). This pricing shall be firm for a minimum of one (1) year from the date of award of this quotation. Please indicate your pricing for this option in the space provided on the Proposal Quote Form.

LOCAL BIDDER'S PREFERENCE

Note: In order for your firm to be considered for the local vendor preference, you must complete and return the attached "Local Vendor Preference Questionnaire" with your quotation.

The Lee County Local Bidder's Preference Ordinance No. 00-10 is being included as part of the award process for this project. As such, Lee County at its sole discretion, may choose to award a preference to any qualified "Local Contractor/Vendor" in an amount not to exceed 3 % of the total amount quoted by that firm.

"Local Contractor / Vendor" shall mean: a) any person, firm, partnership, company or corporation whose principal place of business in the sole opinion of the County, is located within the boundaries of Lee County, Florida; or b) any person, firm, partnership, company or corporation that has provided goods or services to Lee County on a regular

basis for the preceding consecutive five (5) years, and that has the personnel, equipment and materials located within the boundaries of Lee County sufficient to constitute a present ability to perform the service or provide the goods.

The County reserves the exclusive right to compare, contrast and otherwise evaluate the qualifications, character, responsibility and fitness of all persons, firms, partnerships, companies or corporations submitting formal bids or formal quotes in any procurement for goods or services when making an award in the best interests of the County.

ATTACHMENT A
LOCAL VENDOR PREFERENCE QUESTIONNAIRE
(LEE COUNTY ORDINANCE NO. 00-10)

Instructions: Please complete either Part A or B whichever is applicable to your firm

PART A: VENDOR'S PRINCIPAL PLACE OF BUSINESS IS LOCATED WITHIN LEE COUNTY (Only complete Part A if your principal place of business is located within the boundaries of Lee County)

1. What is the physical location of your principal place of business that is located within the boundaries of Lee County, Florida?

2. What is the size of this facility (i.e. sales area size, warehouse, storage yard, etc.)

PART B: VENDOR'S PRINCIPAL PLACE OF BUSINESS IS NOT LOCATED WITHIN LEE COUNTY OR DOES NOT HAVE A PHYSICAL LOCATION WITHIN LEE COUNTY (Please complete this section.)

1. How many employees are available to service this contract? _____

2. Describe the types and amount of equipment you have available to service this contract.

LOCAL VENDOR PREFERENCE QUESTIONNAIRE CONTINUED

3. Describe the types and amount of material stock that you have available to service this contract.

4. Have you provided goods or services to Lee County on a regular basis for the preceding, consecutive five years?

Yes _____ No _____

If yes, please provide your contractual history with Lee County for the past five, consecutive years. Attach additional pages if necessary.

GUIDE "A"

INSURANCE REQUIREMENTS FOR PRODUCTS

Your certificate of insurance must meet the following requirements

Requirement #1: The Lee County Board of County Commissioners shall be added as an additional insured on the comprehensive general liability policy.

Requirement #2: Certificate holder shall be listed as follows:

**Lee County Board of County Commissioners
C/O Lee County Purchasing
P.O. Box 398
Fort Myers, FL 33902**

Requirement #3: Each policy shall provide a 30 day notification clause in the event of cancellation, non-renewal or adverse change.

This Standard Insurance Language is to be utilized for Contracts, or Agreements meeting these circumstances. Certain conditions and/or exposures may not relieve or limit the liability of the vendor. These requirements may not be sufficient or adequate to protect the vendor's interests or liabilities, but are merely minimums.

Circumstances

Project is for vendors providing a tangible product, and not labor, such as, but not limited to , hardware, supplies, and other merchandise.

Worker's Compensation

Statutory benefits as defined by FS 440 encompassing all operations contemplated by this contract or agreement to apply to all owners, officers, and employees regardless of the number of employees. Individual employees may be exempted per State Law. Employees liability will have minimum limits of:

- \$100,000 per accident
- \$500,000 disease limit
- \$100,000 disease limit per employee

Commercial General Liability

Coverage shall apply to premises and/or operations, products and/or completed operations, independent contractors, contractual liability, and broad form property damage exposures with minimum limits of:

\$100,000 bodily injury per person (BI)
\$300,000 bodily injury per occurrence (BI)
\$100,000 property damage (PD) or
\$300,000 combined single limit (CSL) of BI and PD

Business Automobile Liability

If the vendor indicates on the price page that vehicles other than their own (common carrier) will be used for delivery, then the following Automobile Liability will not be required.

Coverage shall apply to owned vehicles and/or hired and non-owned vehicles and employee non-ownership use with minimum limits of:

\$100,000 bodily injury per person (BI)
\$300,000 bodily injury per occurrence (BI)
\$100,000 property damage (PD) or
\$300,000 combined single limit (CSL) of BI and PD

Certificate of Insurance

An original hand signed certificate shall be on file with and approved by the Lee County Risk Management Office prior to the commencement of any work activities.

In the event the insurance coverage expires prior to the completion of the project, a renewal certificate shall be on file with Risk Management at least 15 days prior to the expiration date.

Revised 10/18/00

LEE COUNTY PURCHASING - BIDDERS CHECK LIST

IMPORTANT: Please read carefully and return with your bid proposal.

Please check off each of the following items as the necessary action is completed:

- _____ 1. The Quote has been signed.
- _____ 2. The Quote prices offered have been reviewed.
- _____ 3. The price extensions and totals have been checked.
- _____ 4. The original (must be manually signed) and 2 copies of the quote have been submitted.
- _____ 5. Three (3) identical sets of descriptive literature, brochures and/or data (if required) have been submitted under separate cover.
- _____ 6. All modifications have been acknowledged in the space provided.
- _____ 7. All addendums issued, if any, have been acknowledged in the space provided.
- _____ 8. Erasures or other changes made to the quote document have been initialed by the person signing the quote.
- _____ 9. Bid Bond and/or certified Check, (if required) have been submitted with the quote in amounts indicated.
- _____ 10. Any Delivery information required is included.

_____ 11. The mailing envelope has been addressed to:

MAILING ADDRESS

Lee County Purchasing
P.O. Box 398 or
Ft. Myers, FL 33902-0398

PHYSICAL ADDRESS

Lee County Purchasing
3434 Hancock Bridge Pkwy #307
N. Ft. Myers, FL 33903

_____ 12. The mailing envelope **MUST** be sealed and marked with:

Quote Number
Opening Date and/or Receiving Date

_____ 13. The quote will be mailed or delivered in time to be received no later than the specified opening date and time. (Otherwise quote cannot be considered or accepted.)

_____ 14. If submitting a "NO BID" please write quote number here _____

and check one of the following:

_____ Do not offer this product . _____ Insufficient time to respond.

_____ Unable to meet specifications (why)

_____ Unable to meet bond or insurance requirement.

Other: _____

Company Name and Address:

ATTACHMENT 6

LEE COUNTY, FLORIDA
PROPOSAL QUOTE FORM
FOR THE PURCHASE OF A/V EQUIPMENT
FOR THE LEE COUNTY COMMISSION CHAMBERS

DATE SUBMITTED: June 20, 2003
VENDOR NAME: ENCORE BROADCAST SALES

TO: The Board of County Commissioners
Lee County
Fort Myers, Florida

Having carefully examined the "General Conditions", and the "Detailed Specifications", all of which are contained herein, the Undersigned proposes to furnish the following which meet these specifications:

The undersigned acknowledges receipt of Addenda numbers: Addenda #1 & #2

WILL YOU DELIVER WITH YOUR OWN VEHICLE AS OPPOSED TO COMMON CARRIER?

YES X NO _____

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. NOTE: NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE OR AGENT ARE PERMITTED EITHER WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIAL (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME ENCORE BROADCAST SALES

BY (Printed): Douglas Taylor

BY (Signature): [Signature]

TITLE: Sales Manager

FEDERAL ID # OR S.S.# 59-3081792

ADDRESS: 2104 W. Kennedy Blvd.

Tampa, FL 33606-1535

PHONE NO.: 813-253-2774

FAX NO.: 813-254-5907

CELLULAR PHONE/PAGER NO.: 813-267-2375

LEE COUNTY OCCUPATIONAL LICENSE NUMBER: _____

E-MAIL ADDRESS: dtaylor@encore-encore.com

REVISED: 7/28/00

PROJECT OVERVIEW

General Description:

Project Name: Lee County Commission Chambers Upgrade

Project Locations: Lee County Commission Chambers & Control Room
2115 First Street, Fort Myers, FL

PLEASE USE ADDITIONAL SHEETS OF PAPER AS NECESSARY TO RESPOND IN FULL TO THE FOLLOWING QUESTIONS/REQUIREMENTS.

PLEASE SUBMIT ALL REQUIRED SUBMITTALS IN TRIPLICATE.

QUESTIONS FOR THE PRE-BID CONFERENCE

As noted on the cover sheet of this package, a **MANDATORY** pre-bid conference will be held for this project at 1:00 p.m. on Friday, June 6, 2003. It would be appreciated if interested vendors could submit any technical questions they may have (i.e., wiring, etc.) on their letterhead in advance of this date and time so that Lee County personnel will be prepared to answer these inquiries in a timely fashion.

Questions should be sent to Bob Franceschini, Lee County Purchasing via regular mail at the address given on the cover sheet; fax – 239-689-7390; or e-mail: rfranceschini@leegov.com.

CONTRACTS/AGREEMENTS

If your firm will require Lee County to sign any type of contract and/or agreement as part of this purchase; please include a copy of these documents with Step One of the quotation.

PRE-CONSTRUCTION CONFERENCE

Lee County Public Resources will conduct a conference prior to the commencement of any work activities at the project locations listed above at a date to be determined following award. The awarded vendor will bear all costs (travel, lodging, meals etc.) associated with his/her attendance at this conference.

In the event the insurance coverage expires prior to the completion of the project, a renewal certificate shall be on file with Risk Management at least 15 days prior to the expiration date.
Revised 10/18/00

Please include copies of current Certificates of Insurance or a letter from your insurance company evidencing the ability of your company to be insured for the amounts required under this RFQ.

III. LICENSING

Companies submitting this prequalification request must be a licensed Registered Communications Distribution Designer (RCDD) in the State of Florida.

Please include a copy of your current State of Florida RCDD license.

IV. EMERGENCY REPAIR RESPONSE TIME

Companies submitting this prequalification must be able to provide 24-hour or less response times to perform emergency on-site repairs.

Please explain how your firm complies with this requirement.

V. A/V EQUIPMENT IN COMMISSION CHAMBERS

NOTE: THE A/V EQUIPMENT YOU ARE QUOTING MUST COMPLY WITH THE FOLLOWING OVERALL REQUIREMENTS.

Does your quoted equipment meet all of the following requirements?

Yes X No

***Digital Projector**

Installation of video projector on the ledge of the chambers balcony. Lee County Facilities Management will be responsible for the construction of the projector platform. The video projector will have the ability to be turned on and have zoom and focus abilities at the main podium and the control room located in the rear of the commission chambers. The vendor will be responsible for all electrical wiring, cables, connectors and adaptors. The digital projector will have the ability for both for data and video signals i.e. PAL, SECAM, NTSC Video capabilities. It will have a minimum of 4 ANSI lumens with brightness controls from the podium and the control room. The long zoom lens adaptor will consists of a minimum of 2.70 - 4.8:1 throw ratio.

Please explain how your firm complies with this requirement.

***Commissioner's Monitors.**

Five (5) 15-inch LCD flat panel high-resolution color monitors will be installed on the commissioner's dais capable of receiving computer and video signals. These monitors are to be unobtrusive to the audience and easily visible to the user without encumbering a large amount of workable space. **NOTE: Quoters should include a plan or drawing on how the monitors will swing, fold and/or angle with Step One of this quotation.**

Please explain how your firm complies with this requirement.

VI. INSTALLATION OF BROADCAST EQUIPMENT IN COMMISSION CHAMBERS

NOTE: THE INSTALLATION YOU ARE QUOTING MUST COMPLY WITH THE FOLLOWING OVERALL REQUIREMENTS.

Does your quoted installation meet all of the following requirements?

Yes X No

***Camera Installation.**

Removal of existing cameras and installation/wiring of four (4) 1/2" IT type 3-CCD system video cameras with approx. 410,000 Pixels. Camera lens will consist of a minimum of 18x magnification. All cameras will be mounted on pan and tilt heads connected to control panel in the control room. The remote camera controls of the cameras will include pan, tilt, zoom focus, and white/black balances. Vendor will be responsible for all hardware, brackets, wiring and cabling.

A fifth camera matching the other cameras will be required. This camera will need to be studio configured with a studio viewfinder. This camera will be mounted on the County's tripod and will have zoom and focus capabilities. This will provide an RGB signal back into the control room via portable cable.

Please explain how your firm complies with this requirement.

***Additional Cabling**

The vendor will route an additional XLR audio cable from the staff minutes table to the control room to be tied into mixer providing a 4th channel to the minutes department.

Please explain how your firm complies with this requirement.

***Control Room Upgrade.**

A 6-channel switcher with six (6) black and white monitors will replace the 4-channel switcher and existing monitors. Label all wiring and cabling in the control room that is required due to the modifications in this RFQ. Modify wiring, routing components to equipment distribution points that is required in this modification in order to meet professional video production standards.

Please explain how your firm complies with this requirement.

VII. ADDITIONAL REQUIREMENTS AND SUBMITTALS

NOTE: YOUR QUOTE MUST COMPLY WITH THE FOLLOWING OVERALL REQUIREMENTS.

Does your quote meet all of the following requirements?

Yes X No

*A comprehensive equipment list that includes, at a minimum, the quantity, manufacturer, model, and manufacturer's part number for the equipment listed in this RFQ should be submitted with Step One of this quotation.

Please explain how your firm complies with this requirement.

*All wiring diagrams and photos as requested throughout the specifications should be submitted with Step One of this quotation.

Please explain how your firm complies with this requirement.

*A detailed service plan on the equipment should be submitted with Step One of this quotation. Included with this plan should be all cabling, wiring and distribution components covered in this RFQ. The plan should include telephone technical support, emergency on site repair and preventive maintenance. (Rates for this plan should be included under Option A in Step Two of this RFQ.)

Please explain how your firm complies with this requirement.

*Lee County desires sole source responsibility for this project; therefore, any use of subcontractors must be approved by the County representative and must be limited to minor tasks (i.e., drywall repairs, etc).

Please explain how your firm complies with this requirement.

LEE COUNTY PURCHASING - BIDDERS CHECK LIST

IMPORTANT: Please read carefully and return with your bid proposal.
Please check off each of the following items as the necessary action is completed:

- 1. The Quote has been signed.
- 2. The Quote prices offered have been reviewed.
- 3. The price extensions and totals have been checked.
- 4. The original (must be manually signed) and 2 copies of the quote have been submitted.
- 5. Three (3) identical sets of descriptive literature, brochures and/or data (if required) have been submitted under separate cover.
- 6. All modifications have been acknowledged in the space provided.
- 7. All addendums issued, if any, have been acknowledged in the space provided.
- 8. Erasures or other changes made to the quote document have been initialed by the person signing the quote.
- 9. Bid Bond and/or certified Check, (if required) have been submitted with the quote in amounts indicated.
- 10. Any Delivery information required is included.
- 11. The mailing envelope has been addressed to:

MAILING ADDRESS	PHYSICAL ADDRESS
Lee County Purchasing	Lee County Purchasing
P.O. Box 398 or	3434 Hancock Bridge Pkwy #307
Ft. Myers, FL 33902-0398	N. Ft. Myers, FL 33903
- 12. The mailing envelope **MUST** be sealed and marked with:
Quote Number
Opening Date and/or Receiving Date
- 13. The quote will be mailed or delivered in time to be received no later than the specified opening date and time. (Otherwise quote cannot be considered or accepted.)
- 14. If submitting a "NO BID" please write quote number here _____ and check one of the following:
 Do not offer this product Insufficient time to respond.
 Unable to meet specifications (why)
 Unable to meet bond or insurance requirement.
 Other: _____

Company Name and Address:



LEE COUNTY
SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

Bob Janes
District One

Douglas R. St. Cerny
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing
Examiner

May 22, 2003

Quote No.: Q-030150

LEE COUNTY ADDENDUM NUMBER ONE TO THE SPECIFICATIONS
FOR A/V EQUIPMENT FOR THE
LEE COUNTY COMMISSION CHAMBERS

QUOTERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON
THE "PROPOSAL QUOTE FORM" FOR STEP ONE - PAGE 14, AND
STEP TWO - PAGE 13.

Lee County is deleting the requirement that the vendor have a Florida RCDD License. (See Page 18, Step One, under the heading: III Licensing)

LEE COUNTY DIVISION OF PURCHASING

Earl Pflaumer for Bob Franceschini

Bob Franceschini, CPPB, C.P.M.
Purchasing Agent

Post-It® Fax Note	7671	Date	5/23	# of pages	7
To	Douglas Taylor	From	Bob		
Co./Dept.	Encore Broadcast	Co.	LC Purchasing		
Phone #		Phone #			
Fax #	813 254-5907	Fax #			

cc: Paul Arthur, Public Resources
Lisa Pierce, Minutes Department
Quote File



LEE COUNTY

SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

Bob Janes
District One

Douglas R. St. Cerny June 12, 2003
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stillwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing
Examiner

Post-it® Fax Note	7671	Date	6-12-03	# of pages	4
To	DOUG TAYLOR	From	PATI ARMOUR		
Co./Dept	ENCORE	Co.	LEE CO PURCHASING		
Phone #	813-254-5907	Phone #	239-689-7385		
Fax #	813-255-2774	Fax #	239-689-7390		

Quote No.: Q-030150

**LEE COUNTY ADDENDUM NUMBER TWO TO THE SPECIFICATIONS
FOR A/V EQUIPMENT FOR THE
LEE COUNTY COMMISSION CHAMBERS**

**QUOTERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE
"PROPOSAL QUOTE FORM" FOR STEP ONE - PAGE 14, AND STEP TWO -
PAGE 13.**

The original specifications and other contract documents are amended as noted below:

Equipment List

Per vendor requests at the pre-bid conference, an equipment list of the components located in the television control room of the Lee County Courthouse is attached to, and is a part of, this addendum.

Step One, Page 18, Section V., Digital Projector

The text presently states, "The vendor will be responsible for all electrical wiring, cables, connectors and adaptors".

Per this addendum, "electrical wiring" is deleted from this sentence.

Step One, Page 18, Section V., Digital Projector

Specifications presently state that the digital projector will "have a minimum of 4 ANSI lumens".

Per this addendum, this is changed to read, "have a minimum of 4000 ANSI lumens".

Step One, Page 19, Section V., Projection Screen

A clarification has been requested regarding the width and height of the projection screen.

Lee County's response is as follows:

The screen size should be approximately 115 inches wide by 90 inches high.

Step One, Page 20, Section V., Commissioner's Monitors

A clarification was requested at the pre-bid conference as to who would be responsible for the woodworking around the Commissioner's monitors.

Lee County's response is as follows:

Lee County's Facilities Management's carpenters will work with the awarded quoter to complete the woodworking around the Commissioner's monitors.

Step One, Page 20, Section VI, Additional Cabling

Per this addendum, the section "Additional Cabling" is deleted in its entirety.

Step One, Page 21, Section VII, Additional Requirements and Submittals

Per this addendum, the following language is deleted in its entirety:

"*Lee County desires sole source responsibility for this project; therefore, any use of subcontractors must be approved by the County representative and must be limited to minor tasks (i.e., drywall repairs, etc.)

Please explain how your firm complies with this requirement."

It will be replaced by the following language:

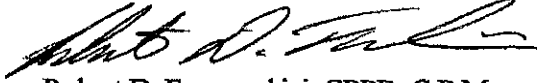
"*Lee County will use its own staff to perform all electrical work; therefore, the awarded quoter will not be responsible for employing electrical subcontractors. However, the awarded quoter will be responsible for any audio/visual subcontractors that may be required; as well as any subcontractors that may be required to perform miscellaneous minor tasks (i.e., drywall repairs, etc.). All subcontractors must be approved by the County representative. Note: The awarded quoter will be responsible for all work done by any subcontractor he may hire to do work under this contract.

Please explain how your firm complies with this requirement."

Step One, Page 23, Sample A – Evaluation Sheets

Per this addendum, Item III. Licensing, is deleted in its entirety.

LEE COUNTY DIVISION OF PURCHASING



Robert D. Franceschini, CPPB, C.P.M.
Purchasing Agent

cc: Paul Arthur, Public Resources
Lisa Pierce, Minutes Department
Quote File

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Proposal for Lee County BOCC

A/V Equipment for the Lee County
Commission Chambers

Project #Q-030150

Submitted on June 24th, 2003

To

Lee County BOCC
Division of Purchasing
3434 Hancock Bridge Parkway
Suite #307
North Fort Myers, FL 33903

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Table of Contents

History of Firm

Section I - Staff Qualifications & Past Performance

Section II – Financial Qualifications

Section III - None

Section IV – Emergency Response Time

Section V – A/V Equipment in Commission Chambers

Section VI – Installation of Broadcast Equipment
In Commission Chambers

Section VII – Additional Requirements & Submittals

Section VIII – Warranty

Section IX – Optional Information

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Section A – History

Company Philosophy

“Encore Broadcast Equipment Sales, Inc. is dedicated to providing the highest quality service and support with an emphasis on customer satisfaction. To be competitive in today’s market, we will take every step necessary to ensure that our customer’s needs are taken care of; before and after the sale.”

Encore, a Florida Corporation was established in 1992 to fulfill the needs of government, education, and religious enterprises that wished to become involved in television and video production. We felt that there was a need for a full service organization that could meet the needs of these organizations today and help them plan for future technological changes in the industry. Our continued mission is to service and support our clients in making the educated decisions needed to fulfill their objectives of today, while planning for tomorrow.

Encore specializes in the design and installation of fully integrated boardrooms, council chambers, distance learning laboratories, government access and instructional television facilities, with many of our installations using the latest in broadcast technology. We have been very successful in helping our clients utilize these resources to produce effective television for their marketplace.

Since 1992 Encore Broadcast Sales has been providing the following:

- *Professional & Broadcast A/V Sales
- *Systems Design
- *Training
- *Installation
- *Post-sale Support

- *Service / Repair
- *Technical Support
- *Rentals
- *Duplication
- *Blank Tape Sales

We have two locations representing over 150 manufacturers and 14 employees in Florida.

Encore Broadcast Sales
2104 W. Kennedy Boulevard
Tampa, FL 33606-1535
Douglas Taylor, Sales Manager

Encore Broadcast Sales
301 W. SR 434, Suite 313
Winter Springs, FL 32708-2567
Ross Weigandt, Branch Manager

(813) 253-2774
(800) 780-8857
(813) 254-5907 (fax)

(407) 327-9006
(800) 567-0438
(407) 327-2202 (fax)

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Section A – Staff Qualifications

Encore currently employs individuals meeting the various needs of our clients. Our engineering department has over 25 years of experience in television and video production. We also have staff that is certified in AMX programming, computer support, and multi-media streaming technology. We are able to answer the needs of our clients and provide the expertise they have come to expect from our full service approach to this industry. We have been involved in numerous installations of projects similar to what Lee County has planned for this installation and feel very confident that we will not only meet, but also far exceed your current expectations.

Section A – Past Performance

City of Clearwater

Contact: Shawn Stafford

100 S. Myrtle Avenue

Clearwater, FL 34616

727-562-4686

Projects:

Installed Television Studio & Control Room – summer of 1995- Est. Cost \$225,000.00

-Complete installation & integration of studio cameras, production switcher, and various recording media formats, and automated playback system with video bulletin board integration.

Installed Council Chambers A/V Equipment & Control Room – summer of 1997 – Est. Cost \$250,000.00

-Complete installation & integration of automated / remote controlled cameras, multi-media podium, house audio reinforcement, and complete video production control room.

Continuing to service and maintain equipment and discuss future projects of mobile production unit and technological upgrades.

Manatee County Instructional Television

Contact: Jerry Parker

109 26th Avenue West

Bradenton, FL 34205

941-741-3470 x220

Projects:

Installed Head-End Broadcast Equipment – fall of 1998 – Est. Cost \$75,000.00

- Complete automated playback system with MPEG playback and integration with master control for their facility utilizing existing equipment with current technology.

Installed various Video Production Studios for Educational Applications – 1996-2001 - \$45,000 - \$75,000

- Installed & trained various high school production studios with high-end broadcast cameras, production switchers, character generators, and the accessories needed to educate students in television production.

Continuing to service and maintain equipment and discuss future projects with AMX boardroom upgrades and studio upgrades to their head-end.

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Lee County B.O.C.C.

Contact: Mike Skweir / Paul Arthur

2115 Second Street

Ft. Myers, FL 33901

941-335-2591

Projects:

Integrated Multi-media systems into Master Control Facility -- fall of 1999 -- Est. Cost \$150,000.00

-Complete redesign of master control with integration of automated playback system, video bulletin board messaging system, broadcast character generator, and nonlinear editing production system.

Continuing to maintain & service equipment, and provide training to staff, as well as discussing their upcoming upgrade to their playback system.

City of Tampa

Contact: Dan Foglia

202 W. 7th Avenue

Tampa, FL 33602

813-274-7036

Projects:

Installed A/V multi-media equipment in city council chambers. -- Fall of 1998 -- Est. Cost \$150,000.00

-Complete installation & integration of multi-media podium, audience monitors, house audio reinforcement, television lighting, and remote controlled camera system upgrade.

Delivered and Supported Complete Studio Camera Upgrade -- summer of 1998 -- Est. Cost \$350,000.00

-Included broadcast cameras and pedestals for studio and field production

Delivered & Installed display devices into City's Council Chambers -- spring of 2003 -- Est. Cost of \$35,000.00

-Included Plasma Display Monitors utilizing DVI technology for video distribution.

Continuing to service and support equipment, while also discussing future projects and provide technical support for on going projects.

Speak-Up Tampa Bay (Public Access Television)

Contact: Greg Koss

1001 North B Street

Tampa, FL 33606

813-254-1687

Projects:

Redesigned & Installed Master Control A/V Equipment -- spring of 2001 -- Est. Cost \$250,000.00

-Complete redesign of facility integrating new digital technology and automated playback

Redesigned & Installed (3) Television Studios and (2) Editing Production Rooms -- Summer/Fall of 2001 -- Est. Cost \$350,000.00

-Complete redesign and integration of existing equipment with new digital technology for live applications as well as post production capabilities.

Continuing to maintain and service existing equipment as well as discuss future projects involving mobile production and future expansion.

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Sarasota County Government

Contact: Joe Gaither

1660 Ringling Boulevard

Sarasota, FL 34236

941-951-5288

Projects:

Designed & Installed Multi-Media Message Board System – spring of 1999 – Est. Cost \$50,000.00

-Installation & integration of broadcast bulletin board system.

Designed & Installed Automated Playback / Duplication System – fall of 2000 – Est. Cost \$35,000.00

-Installation & integration of playback system for broadcast.

Designed & Installed R.L. Anderson Commission Chambers – fall of 2002 – Est. Cost \$275,000.00

-Installation & integration of remote cameras, display devices, multi-media podium, AMX control, & studio lighting.

Designed & Installed Sarasota County Council Chambers – winter of 2002 – Est. Cost \$135,000.00

-Installation & integration of remote cameras, studio lighting, and production control.

Continuing to maintain and support equipment and discuss future projects.

Charlotte County Public Schools

Contact: Jan Williams

1150 Education Way

Punta Gorda, FL 33948

941-575-5400

Projects:

Designed & Installed Sound Re-enforcement System in Board Room –

Summer of 2000 – Est. Cost \$75,000.00

- Complete redesign and installation of entire audio system for County Boardroom.

Designed & installed various Television Studios and Post Production Facilities

1999 – 2003 – Range \$15,000 - \$75,000

- Installation and training of various facilities from Elementary to High School.

Continuing to maintain and support equipment and discuss future projects

Section II – Financial Qualifications

“Letter from Insurance Company Attached”

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Section III – None

Section IV – Emergency Repair Response Time

Encore prides itself on the service we provide to our clients. As our headquarters is located in Tampa, Florida, we believe that we will be able to service Lee County's needs in a timely fashion. The process to declare an emergency is as follows: (1) Call Encore's offices at 813-253-2774. (2) Talk to one of our experienced sales executives and explain the problem. (3) One of our engineers will call Lee County back with either a solution to the problem or schedule a visit to arrive within the next 24 hours as needed.

Encore has already been selected to provide general service & maintenance on Lee County's existing video and audio equipment, so if awarded this bid, we will continue to monitor the equipment periodically as Encore's engineers make their bi-monthly visits under this previous contract.

Section V – A/V Equipment in Commission Chamber

Digital Projector

Encore will be providing the Canon LV-7555; this is the latest in technology as it was just released in June of 2003. The projector provides a fiery 4600 ANSI lumens, which makes it a shining star in large venues and conference rooms. The unit produces Native XGA (1024 x 768) with an outstanding 900:1 contrast ratio that helps keep the colors sharp for any application. We will utilize a long focus zoom lens that will fill the screen with clear & vivid images. This projector provides for connectivity for VGA, DVI, Component, and Composite & S-VHS video signals. The unit also offers an RS-232 interface that will be connected to a control system-allowing interface from the podium and the control room.

Projection Screen

Encore will be providing the DaLite Tensioned Cosmopolitan Electrol 150" Diagonal Screen. This unit is tensioned for an extra flat surface for optimum image quality when using data or graphics. We have also added an extra 12" (total of 24") of drop to allow better viewing from the audience. The viewing area will be 87" x 116" utilizing a Video Spectra surface providing a surface reflectance of 1.5 that is especially designed for demanding video and overhead LCD projection applications where a balance of higher gain and greater viewing angle is required. The special pearlescent surface may be cleaned with mild soap and water. The screen will be hung utilizing a floating mount bracket for ease of installation and adjustment in the future. The unit also offers an IR interface that will be connected to a control system-allowing interface from the podium and the control room.

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Presentation Podium

Encore will provide a custom designed podium that matches the oak wood décor of the commission chambers. The podium will have the ability to interface with a computer, a laptop, a document camera, a

VCR, and a DVD player. All of these devices will send signals thru a digital switcher / scaler that interacts with a touch screen mounted on the work surface of the podium. Software installed in the digital switcher / scaler will allow switching of the inputs mentioned above, control of the video screen and of the LCD projector all from the installed touch screen. A stylus or the touch of a finger can operate the touch screen.

Included with the podium will be a rack mount vcr, a rack mount dvd player, and a document camera that provides True XGA resolution, a 12x Zoom lens, ½" CCD 850,000 pixels in progressive scan at a full 15 frames per second.

The signal from the podium will be sent to the dais, the video projector, the control room, and the media room. This will allow for control of the system if no one is available for the control room or for meetings that are not being broadcast but still need the podium and it's functionality.

A diagram has been attached showing the proposed design & layout of the podium.

Commissioner's Monitors

Encore will provide (5) 15" LCD Monitors for the Commissioner's dais. These monitors are capable of receiving both VGA and NTSC video signals. These monitors will be installed in an unobtrusive well cut into the existing dais to allow for easy viewing by the commissioner's, but also not block any camera shots from the video cameras to be installed. Encore will work with the county's personnel to make sure that this does not encumber any more workable space then needed. The monitor's will receive both the VGA signal from the podium, but also the NTSC signal that is being sent for TV broadcast from the control room.

A diagram has been attached showing the proposed design & layout of the dais.

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Section V – Installation of Broadcast Equipment in Commission Chambers

Camera Installation

Encore will provide for the removal of the existing camera system and install a new camera system consisting of (4) ½” 3CCD color cameras with 19x teleconference lenses mounted on a serial controlled pan/tilt system allowing for remote control of these cameras from the current control room, and allowing for the potential control from the existing production room on the first floor. Also provided will be a fifth camera similar to the installed cameras and also a suitable addition to the existing ENG field camera. This fifth camera will include zoom and focus lens controls, a 19x servo zoom lens, a 4” viewfinder, tripod adapter plate, and a 20 meter ccu cable attached to a camera control unit in the control room.

All needed cables, connector, brackets and accessories will be provided.

Control Room Upgrade

Encore will provide a 6 input switcher, 6 b&w monitors, and all necessary accessories to upgrade the facility with the additional equipment being provided and installed to professional video production standards. Also installed in the control room will be another touch screen allowing for control of the podium switcher / scaler, the video screen, and the LCD projector.

A diagram is included to show the proposed layout of the control room.

Section VII – Additional Requirements & Submittals

Equipment List

An equipment list has been provided and is attached.

Wiring Diagrams & Photos

Diagrams & Manufacturer Cut Sheets are attached.

***ENCORE* Broadcast Equipment Sales, Inc.**

2104 West Kennedy Blvd. Tampa, Florida 33606-1535

Ph (813) 253-2774 Fax (813) 254-5907

Website: www.encore-encore.com

Email: dtaylor@encore-encore.com

Service Plan

Address & Telephone #'s

ENCORE Broadcast Equipment Sales, Inc.

2104 W. Kennedy Blvd.

Tampa, FL 33606-1535

Ph 813-253-2774

Fax 813-254-5907

Technical phone support is sold in 10 call increments. The cost for each 10-call increment is \$750.00. Encore believes that this should be more than enough to cover most needs by a county government facility, but if more is needed, they can be purchased separately.

On-site repair emergency info

See "Section IV – Emergency Repair Response Time"

This was discussed in detail there.

The cost for this service will be \$1,100 / visit to be scheduled within 24 hours of being contacted by the county. If an annual contract for this service is required then the cost for this will be \$13,350.00 annually.

Preventative Maintenance Contract

This contract will cover four quarterly visits in both the first and second year after the installation is completed. These visits will be used to perform system operation and equipment checks, adjust monitors for optimum picture quality, and perform all required maintenance suggested by the respective manufacturer of the equipment sold and installed by Encore. The cost for this service is \$4,800.00 annually and must be paid prior to the first scheduled visit, which will fall three months after the completion of the installation.

Section VIII – Warranty

All items being provided by Encore come with a (1) year parts & labor warranty.

Section IX – Optional Information

We would like to inform your panel that our company is a certified minority business enterprise in the state of Florida, and as a holy owned corporation in the state of Florida, we are pleased to work with the various state, county, city, and educational institutions within the state that benefit from corporations headquartered in the state from the revenues generated from our sales force and the various taxes we help support that are generated from those sales, and help keep Florida a viable economic entity.

<u>QTY</u>	<u>Manufacturer</u>	<u>Model #</u>	<u>Description</u>
<u>PROJECTOR</u>			
1	Canon	LV-7555	4600 ANSI LCD Projector
1	Canon	LV-IL04	111.6-155.2mm Zoom Lens
1	Peerless	WallMount	Mount
<u>SCREEN</u>			
1	DaLite	87854	150" Hi-Contrast Video Screen
1	DaLite	77028	Floating Mount Brackets
1	DaLite	82434	IR Remote Control
<u>DAIS MONITORS</u>			
5	WinMate	WT1500B	15" LCD Monitor w/ Video inputs
1	HRS	HRS-06-DR5	1x6 SVGA DA
5	Comprehensive	VGA15P-5BP-15	HD15 M to 5 BNC 15ft
<u>PODIUM</u>			
1	VanSan	Custom	Custom Podium
1	ELO	1567L	Touch Screen w/ Stylus
1	Boeckler	PVI-X90L	Video Scaler / Switcher
1	Boeckler	UTROL-MT	A/V Remote Control System Software
1	Boeckler	RKMT	Rackmount for PVI-X90L
1	Boeckler	COMM-4(A)	4 Additional Comm Ports w/ Audio follow Video
1	MediaTech	MT-462	Control Mate Plus
1	Samsung	SDP-900	True XGA Presenter
1	HRS	HRS-2x1-SVA	2x1 VGA Switcher
1	JVC	SRV10U	VHS VCR
1	FEC	RK10U	Rackmount for SRV10U
1	Panasonic	DVD-RV35	DVD Player
1	MAP	US1	Rack Shelf DVD-RV35
1	ETA	PD8	8 Outlet Power Conditioner
1	HRS	HRS-02-DR5	1x2 SVGA DA (ceiling)
1	Tec	WPL-1154	Laptop Interface w/ Audio
3	Comprehensive	VGA15PJ6	HD15M to F- 6ft
2	Comprehensive	VGA15PP6	HD15M to M - 6ft
2	Comprehensive	VGA15PJ10	HD15M to F - 10ft
1000	Comprehensive	CVC-RGBHV/HR	Hi Res VGA Cable

CAMERAS

1	Telemetrics	CP-D-2A	Desktop Control Panel
1	Telemetrics	CA-RS-10	Serial Control Cable - 10ft
1	Telemetrics	TM-ST5	STS Control Transfer Switch
1	Telemetrics	TMO-ST5-232IN	STS Transfer Switch RS232IN
2	Telemetrics	TMO-ST5-232OUT	STS Transfer Switch RS232OUT
4	Telemetrics	CAST55BS-6	STS to COAX BS Cable - 6ft
4	Telemetrics	55C-BS	TM9255C Coax Base Station
1	Telemetrics	55C-SV-Manual	TM-9255C Service Manual
4	Telemetrics	55C-CA-PT	TM9255C Pan/Tilt Adapter
4	Telemetrics	PT-CP-S2	CP Servo Pan/Tilt Head
8	Telemetrics	CA-COAX-002	TM9255 BNC Mini Coax Cable 2ft
4	Telemetrics	CA-PWR-AWE-002	TM9255 PT-AWE PWR Cable - 2ft
4	Telemetrics	CA-CTL-AWE-002	TM9255 PT-AWE CTL Cable - 2ft
4	Telemetrics	CA-RS-2	Serial Control Cable - 2ft
4	Telemetrics	CA-PWR-6XLR-2	Power PT, TR/EP Cable - 2ft
4	Telemetrics	ADJ-WMBKT-15	MA Adjust Wall Mount
4	Telemetrics	LENSMOD	Lens modification
4	Panasonic	AWE600	3CCD Camera Head
4	Panasonic	WV-CB700A	Remote Control Panel
4	Canon	YH19x6.7KTS	19x Teleconference Lens
2000	Belden	8281	Camera cable
1	JVC	DV550-STPACC	3CCD Studio Camera Pkg GY-DV550 Camera Head YH19X67KRS 19X Camera Lens HZFM15U Focus Control HZZS13U Zoom Control VFP400U 4" Viewfinder SAK400U VF Bracket RM-P210 Camera Control Unit Camera Control Cable (20M)
1	JVC	VCP112U	

CONTROL ROOM

1	Echolab	MVS3-1W	6input Composite Switcher
2	Panasonic	WV-BM503	Triple 5" B&W Monitors
1	Focus	ProAV 1280	Genlockable Scan Converter
1	ELO	1567L	Touch Screen
1	HRS	HRS-04-DR5	1x4 SVGA DA (control room)
1	Boeckler	TSX-DRV	Touch Screen Line Driver
2	Videotek	VDA-16	1x6 Video DA
1	Videotek	ADA-16	1x6 Audio DA
1	Videotek	DAT-1	Rackmount for DA's

CERTIFICATE OF INSURANCE

The company indicated below certifies that the insurance afforded by the policy or policies numbered and described below is in force as of the effective date of this certificate. This Certificate of Insurance does not amend, extend, or otherwise alter the Terms and Conditions of Insurance coverage contained in any policy numbered and described below.

CERTIFICATE HOLDER:

LEE COUNTY BOARD OF COUNTY
COMMISSIONERS
ATTN LEE COUNTY PURCHASING
PO BOX 398
FORT MYERS, FL 33902

INSURED:

ENCORE BROADCAST EQUIPMENT
SALES, INC
2104 W KENNEDY BLVD
TAMPA, FL 33606

TYPE OF INSURANCE	POLICY NUMBER & ISSUING CO.	POLICY EFF. DATE	POLICY EXP. DATE	LIMITS OF LIABILITY (*LIMITS AT INCEPTION)
LIABILITY	77-80-373679-3001	11-10-02	11-10-03	
<input checked="" type="checkbox"/> Liability and Medical Expense	NATIONWIDE MUTUAL			Any One Occurrence..... \$ 2,000,000
<input type="checkbox"/> Personal and Advertising Injury	INSURANCE CO.			Included in Above - Any One Person or Organization
<input checked="" type="checkbox"/> Medical Expenses				ANY ONE PERSON \$ 5,000
<input checked="" type="checkbox"/> Fire Legal Liability				Any One Fire or Explosion \$ 50,000
				General Aggregate* \$ 4,000,000
				Prod/Comp Ops Aggregate* . \$ 2,000,000
<input type="checkbox"/> Other Liability				
AUTOMOBILE LIABILITY				
<input type="checkbox"/> BUSINESS AUTO				Bodily Injury (Each Person) \$
<input type="checkbox"/> Owned				(Each Accident) \$
<input type="checkbox"/> Hired				Property Damage (Each Accident) \$
<input type="checkbox"/> Non-Owned				Combined Single Limit \$
EXCESS LIABILITY				
<input type="checkbox"/> Umbrella Form				Each Occurrence \$
				Prod/Comp Ops/Disease Aggregate* \$
STATUTORY LIMITS				
<input type="checkbox"/> Workers' Compensation and				BODILY INJURY/ACCIDENT ... \$
<input type="checkbox"/> Employers' Liability				Bodily Injury by Disease EACH EMPLOYEE \$
				Bodily Injury by Disease POLICY LIMIT \$

Should any of the above described policies be cancelled before the expiration date, the insurance company will endeavor to mail written notice to the above named certificate holder, but failure to mail such notice shall impose no obligation or liability upon the company, its agents, or representatives.

DESCRIPTION OF OPERATIONS/LOCATIONS
VEHICLES/RESTRICTIONS/SPECIAL ITEMS

Effective Date of Certificate: 11-10-2002
Date Certificate Issued: 06-17-2003

Authorized Representative: BRIER SHEA GRIEVES
Countersigned at: 4303 WEST KENNEDY BLVD
TAMPA, FL 33609

Canon

Portable Multimedia Projector **LV-7555**

... results for services implemented during 2002 under the Company's New Ventures Initiative.

• Fast establishment & yielding ventures

• Consistent profit margin period

• Rapid expansion strategic

• Operating year's

Deliver a Powerful Message with a Powerful Projector

Turn on the LV-7555 and prepare yourself for a projection experience like none other. At a fiery 4,600 ANSI lumens, it's Canon's most powerful projector ever, shining like a star in large venues and conference rooms. Outstanding image quality and a host of advanced controls allow you to project with excellence, not compromise.

Exceptional Brightness

Canon's Turbo Bright System gives you added brightness whenever you need it. With the LV-7555, the system boosts brightness from 4,000 ANSI lumens to a blazing 4,600 ANSI lumens. The projected image can fill a 400" screen with 90% uniform brightness.

Crisp XGA Resolution

The LV-7555 produces Native XGA (1,024 x 768) and projects SXGA (1,280 x 1,024) by using advanced, high-quality compression. An outstanding 900:1 contrast ratio helps keep colors sharp for any application.

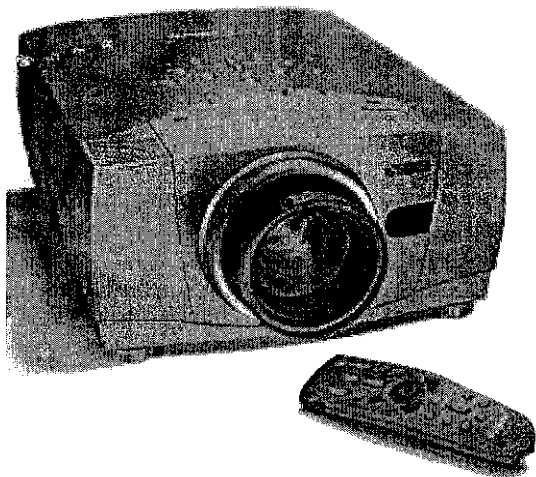
Sophisticated Image Control

The LV-7555 features Canon's newly developed circuitry which provides expert image control in all situations. New tools include Color Management, which lets you target a specific color for manual adjustment, Auto Picture Control for automatically optimizing images, and Intelligent Digital Sharpness.

Optional Lenses

With a variety of Genuine Canon lenses to choose from, you can customize the LV-7555 to best match your venue. Four optional lenses are available: ultra-wide-angle, wide-angle zoom, long focus zoom, and ultra-long focus zoom.

www.canonprojectors.com



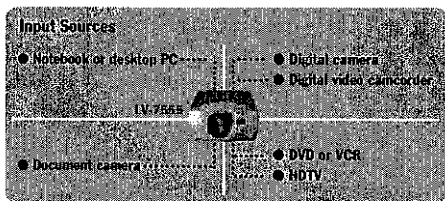
Turbo Bright System

Canon's innovative Turbo Bright System offers the advantage of clear, vivid images in any kind of room lighting. That's because when extra brightness is needed, you can switch the projector to Brighter Mode (4,600 ANSI lumens) with the touch of a button. In addition, the Turbo Bright System does not increase power consumption or sacrifice bulb life.



Advanced Connectivity

The LV-7555 can connect to virtually any electronic device. Digital RGB input can be fed into its DVI terminal, and the RGB Analog (VGA) terminal can be switched to handle input or output. Video terminals include S-Video, Composite, and Component. The LV-7555 also features 5BNC input, which sustains high quality when connecting long cables. It uses progressive scanning which reduces flicker when connecting an interlaced signal. This conversion is effective for all HDTV signals including 1080i.



Network Imager (Optional)

The optional Network Imager connects the LV-7555 to your computer network, enabling remote management of the projector through a simple, graphic user interface. This makes a number of tasks easier, such as programming the LV-7555 for operation on a daily or weekly schedule. The Network Imager allows input mode switching and picture adjustment. It can even send status alerts via e-mail. Furthermore, it offers remote transfer of images, and centralized control of multiple projectors.



Network Imager

Quiet Operation

The LV-7555 features a special Silent Mode that reduces fan noise to a quiet 35 decibels. This allows your audience to stay focused on your presentation, not the projector.

Distortion-free Images

The LV-7555 features Horizontal and Vertical Keystone Correction to keep your images perfectly proportioned. Optical keystone correction through lens shifting is provided as well.

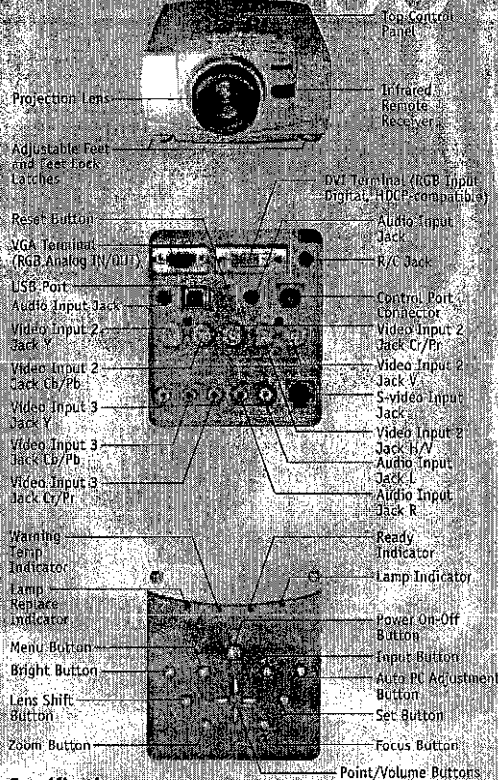
LV-7555 Kit Contents:

- LV-7555 projector • Power cable
- VGA computer cable • MAC/VGA adapter • Wireless/Wired remote control (AA alkaline batteries)
- Wired remote cable • Mouse control cable (PS/2, Serial and Mac)
- Lens cap • Dust cover • Warranty card
- User's manual

Available Options:

- Ultra Wide Angle Lens LV-IL01
- Wide Angle Zoom Lens LV-IL02
- Long Focus Zoom Lens LV-IL03
- Ultra Long Focus Zoom Lens LV-IL04
- Network Imager
- DVI Cable LV-CA29
- Ceiling Mount Adapter LV-CL07

Nomenclature



Specifications

Type: Portable LCD Projector
 LCD Panel: 1.3" polysilicon active matrix TFT x 3, 4:3 aspect ratio
 Number of Pixels: 786,432 x 3 (1,024 x 768 dots)
 Supported Display Standards: Native XGA, SXGA (Compression), SVGA, VGA
 Light Source: 300W NSH
 Brightness: 4,600 ANSI lumens (Brighter-Mode), 4,000 ANSI lumens (True Color Mode)
 Uniformity: 90%
 Contrast Ratio: 900:1 (All white/All black)
 Horizontal Resolution: 800 TV lines (HDTV)
 Projection Lens: 48.2 to 62.6mm, F1.7 to 2.0, 1.3x zoom
 Lens Shifting: 1:1 to 10:0
 Elevation Adjustment: Up to 10.5° (One-touch adjustment)
 Projected Image Size Diagonal (Projection Distance): WIDE mode: 40" (4.6ft/1.4m), 100" (11.8ft/3.6m), 200" (24.0ft/7.3m), 300" (36.1ft/11.0m), 400" (48.3ft/14.7m) TELE mode: 31" (4.6ft/1.4m), 77" (11.8ft/3.6m), 154" (24.0ft/7.3m), 231" (36.1ft/11.0m), 308" (48.3ft/14.7m)
 Digital Keystone Distortion Compensation Angle: ±40° (vertical), ±10° (horizontal)
 Noise: 35 dBA (Silent Mode), 39 dBA (Normal Mode)
 Other Features: 2-3 pulldown, HDCP compatibility, HDTV compatibility
 Color System: NTSC/PAL/SECAM/NTSC 4.43/PAL-M/PAL-N
 Supported Computers: PC, Macintosh compatible, workstation (Some workstations are not supported.)
 Scanning Frequency: 15 to 100kHz for horizontal sync, 50 to 100Hz for vertical sync, 160MHz for dot clock
 Audio Output: 2W + 2W Stereo
 Built-in Speaker: 2.0" (5cm), x2
 Rated Supply Voltage: 100 to 120/200 to 240V AC, 50/60Hz
 Power Consumption: 450W
 Ambient Operation Temperature: 41 to 95°F (5 to 35°C)
 Storage Temperature: 14 to 140°F (-10 to 60°C)
 Dimensions (W x H x D): 12.5 x 6.2 x 16.9 in./319 x 158 x 429.5 mm excluding legs and lens (Legs: 0.4 in./10 mm, lens: 1.4 in./35.7 mm)
 Weight of Main Unit: Approx. 20.5 lbs (9.3 kg)

Errors and omissions excepted. Weight and dimensions are approximate. Specifications are subject to change without notice. Canon is a trademark of Canon Inc.

Canon KNOW HOW™

Canon U.S.A., Inc.
 One Canon Plaza
 Lake Success, NY 11042, U.S.A.

Canon Canada Inc.
 6390 Dixie Road
 Mississauga,
 Ontario L5T 1P7, Canada

Canon Mexicana, S. DE R.L. DE C.V.
 Periférico Sur No. 4124, 5ª y 6ª pisos,
 Col. Ex-Rancho de Anzaldó,
 01900 México, D.F.

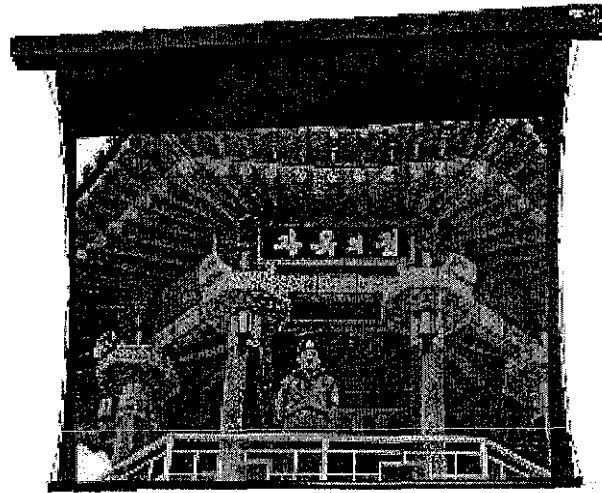
Canon Latin America
 6505 Blue Lagoon Dr., Suite 325,
 Miami, FL 33126, U.S.A.

1-800-OK-CANON www.canonprojectors.com

TENSIONED COSMOPOLITAN ELECTROL®

Electric Screen that Mounts on Wall or Ceiling

- Same great features as our Cosmopolitan Electrol except screen is tensioned for an extra flat surface for optimum image quality when using data or graphics.
- Tab guide cable system maintains even lateral tension to hold surface flat while custom slat bar with added weight maintains vertical tension.
- Handsome black textured case blends with any decor.



Optional floating mounting bracket allows screen to be mounted onto wall or ceiling studs and aligned left or right after installation by releasing two sets of screws.



Optional remote control operation.

All fabrics will be seamless.

SQUARE FORMAT

Size H x W in./ft.	cm.	Overall Length of Case in.	cm.	Da-Mat™	High Contrast Da-Mat™	Pearlescent	Cinema Vision	Da-Tex™ (Rear)	Dual Vision
50" x 50"	127 x 127	69"	175	x	x	x	x	x	x
60" x 60"	152 x 152	80"	203	x	x	x	x	x	x
70" x 70"	178 x 178	91-1/2"	232	x	x	x	x	x	x
84" x 84"	213 x 213	108"	274	x	x	x	x	x	x
96" x 96"	243 x 243	118"	300	x	x	x	x	x	x
8' x 8'	244 x 244	121-1/2"	309	x	x	x	x	x	x
7' x 9'	213 x 274	113-1/2"	322	x	x	x	x	x	x
9' x 9'	274 x 274	130-1/2"	332	x	x	x	x	x	x
8' x 10'	244 x 305	116-1/2"	370	x	x	x	x	x	x
10' x 10'	305 x 305	142-1/2"	362	x	x	x	x	x	x
9' x 12'	274 x 366	166-1/2"	423	x	x	x	x	x	x

VIDEO FORMAT

Viewing Area H x W in.	cm.	Nominal Diagonal in.	cm.	Overall Length of Case in.	cm.	Da-Mat™	High Contrast Da-Mat™	Pearlescent	Cinema Vision	Audio Vision	Da-Tex™ (Rear)	Dual Vision
49" x 57"	109 x 145	72"	183	75"	191	x	x	x	x	x	x	x
50" x 67"	127 x 170	84"	213	86"	218	x	x	x	x	x	x	x
60" x 80"	152 x 203	100"	254	100"	254	x	x	x	x	x	x	x
69" x 92"	175 x 234	120"	305	114"	290	x	x	x	x	x	x	x
87" x 116"	221 x 295	150"	381	141"	358	x	x	x	x	x	x	x
108" x 144"	274 x 356	180"	457	166"	422	x	x	x	x	x	x	x
120" x 160"	305 x 406	200"	508	183"	465	x	x	x	x	x	x	x

HDTV FORMAT

Viewing Area H x W in.	cm.	Nominal Diagonal in.	cm.	Overall Length of Case in.	cm.	Da-Mat™	High Contrast Da-Mat™	Pearlescent	Cinema Vision	Audio Vision	Da-Tex™ (Rear)	Dual Vision
45" x 80"	114 x 203	92"	234	98-1/2"	250	x	x	x	x	x	x	x
52" x 92"	132 x 234	106"	269	111"	282	x	x	x	x	x	x	x
58" x 104"	147 x 264	119"	302	124"	315	x	x	x	x	x	x	x
65" x 116"	165 x 295	133"	338	137"	348	x	x	x	x	x	x	x
78" x 139"	198 x 353	159"	403	162"	412	x	x	x	x	x	x	x

Rec KU 35



TENSIONED COSMOPOLITAN® ELECTROL®

Automatic Electric Projection Screen Model

DA-LITE SCREEN COMPANY, INC.
3100 North Detroit Street
Post Office Box 137
Warsaw, Indiana 46581-0137
Phone: 574/267-8101
800-622-3737
Fax: 574/267-7804
http://www.da-lite.com
e-mail: info@da-lite.com

SPECIFICATION DATA

SUGGESTED SPECIFICATIONS: _____ projection screen(s), _____ (H) x _____ (W), electrically operated 120 volt (60 Hz) 1.4 amp. To have Da-Mat, High Contrast Da-Mat, Pearlescent, Cinema Vision, High Contrast Cinema Vision, High Contrast Cinema Perf, Audio Vision, High Contrast Audio Vision, Da-Tex (Rear) or Dual Vision seamless surfaces with black masking borders standard on flame retardant and mildew resistant fabric mounted on 3-3/16" diameter rigid metal roller. Each side of the fabric to have tab guide cable system to maintain even lateral tension and hold surface flat. Custom slat bar with added weight maintains vertical tension on the screen surface. Shall have specially designed motor mounted inside the roller with a patented noise silencer, to be three wire quick reversal type, capacitor and an electric brake to prevent coasting. To have preset but adjustable limit switches to automatically stop picture surface in the "up" and "down" position. Case to be 22-gauge embossed steel, hexagon in shape with flat back to prevent scraping fabric. Finished in black enamel paint. Case end caps to be heavy duty, allowing no exposed roller pins, powder coated. Caps shall form sturdy brackets for wall or ceiling installation. To be complete with three position control switch in box with cover plate. Screen to be listed by Underwriters' Laboratories and CSA.



All viewing surfaces will be seamless.

Audio Vision, High Contrast Audio Vision and High Contrast Cinema Perf available in sizes up to 69" x 92" in Video Format and 65" x 116" in HDTV Format.

SQUARE FORMAT

Sizes		Overall Length		Between Hanger Eyes		Overall Length of Slat		Approx. Shipping Wt.	
In.	Cm	In.	Cm	In.	Cm	In.	Cm	Lbs.	Kg
50" x 50"	127 x 127	69"	175	67-1/2"	172	60-1/4"	153	54	24.50
60" x 60"	152 x 152	80"	203	78-1/2"	199	71-1/4"	181	61	27.67
70" x 70"	178 x 178	91-1/2"	232	90"	229	82-3/4"	210	68	30.85
84" x 84"	213 x 213	108"	274	106-1/2"	271	99-1/4"	252	76	34.47
6' x 8'	183 x 244	118"	300	116-1/2"	296	109-1/4"	277	83	37.65
8' x 8'	244 x 244	121-1/2"	309	120"	305	112-3/4"	286	85	38.56
7' x 9'	213 x 274	132"	335	130-1/2"	332	123-1/4"	313	97	39.46
9' x 9'	274 x 274	130-1/2"	332	129"	328	121-1/4"	309	90	40.82
8' x 10'	244 x 305	145-1/2"	370	144"	366	136-3/4"	347	101	45.81
10' x 10'	305 x 305	142-1/2"	362	141"	358	133-3/4"	340	109	49.44
9' x 12'	274 x 366	166-1/2"	423	165"	419	157-1/4"	399	119	53.98

VIDEO FORMAT

Sizes		Nominal Diagonal		Overall Length		Between Hanger Eyes		Overall Length of Slat		Approx. Shipping Weight	
In.	Cm	In.	Cm	In.	Cm	In.	Cm	In.	Cm	Lbs.	Kg
43" x 57"	109 x 145	72"	183	75"	191	73-1/2"	187	66-1/4"	168	59	26.76
50" x 67"	127 x 170	84"	213	86"	218	84-1/2"	215	77-1/4"	196	65	29.48
60" x 80"	152 x 203	100"	254	100"	254	98-1/2"	250	91-1/4"	231	74	33.57
69" x 92"	175 x 234	120"	305	114"	290	112-1/2"	286	105-1/4"	267	83	37.65
87" x 116"	221 x 295	150"	381	141"	358	139-1/2"	354	132-1/4"	335	101	45.81
108" x 144"	267 x 356	180"	457	166"	422	164-1/2"	418	157-1/4"	400	119	53.98
120" x 160"	305 x 406	200"	508	183"	465	181-1/2"	461	174-1/4"	443	131	59.42

HDTV FORMAT

Sizes		Nominal Diagonal		Overall Length		Between Hanger Eyes		Overall Length of Slat		Approx. Shipping Weight	
In.	Cm	In.	Cm	In.	Cm	In.	Cm	In.	Cm	Lbs.	Kg
45" x 80"	114 x 203	92"	234	98-1/2"	250	97"	206	89-3/4"	660	65	29.48
52" x 92"	132 x 234	106"	269	111"	282	109-1/2"	278	102-1/4"	260	72	32.66
58" x 104"	147 x 264	119"	302	124"	315	122-1/2"	311	115-1/4"	293	83	37.65
65" x 116"	165 x 295	133"	338	137"	348	135-1/2"	344	128-1/4"	326	101	45.81
78" x 139"	201 x 353	159"	404	162"	412	160-1/2"	408	153-1/4"	389	119	53.98

Extra drop may alter dimensions. Contact Da-Lite for details.

Overall case length dimensions ± 1/4".

Specifications subject to change without notice.

All screens standard with 12" black drop at the top except 200" diagonal which has 4".

NOTE: Letterbox formats available upon request.

WHEN ORDERING, MARK APPROPRIATE SELECTIONS:

Select size from charts on the other side.

Select viewing surface:

- Da-Mat™
- Cinema Vision
- Da-Tex (Rear)
- High Contrast Da-Mat™
- High Contrast Audio Vision
- Pearlescent
- Audio Vision
- Dual Vision
- High Contrast Cinema Vision
- High Contrast Cinema Perf

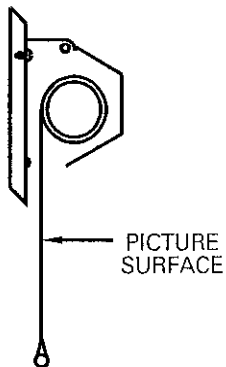
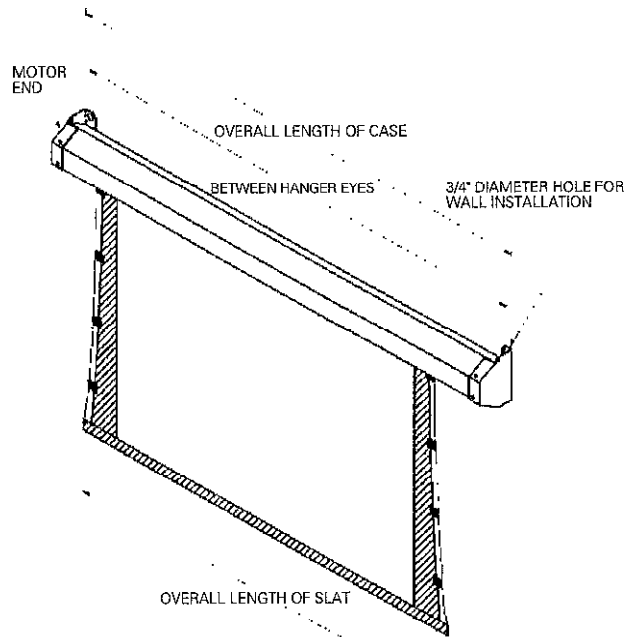
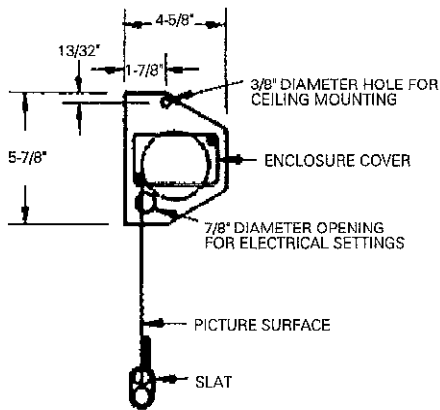
Options:

- Floating Mounting Bracket.
 - Allows the screen to be mounted either on the wall or ceiling at most secure position. Releasing two set screws, the screen can then be moved left or right for proper centering on the wall or alignment to projector.
 - Retrofit Capabilities.
 - Available in black or white.
- Single Motor Low Voltage Control System - 3 Button.
- Wireless Remote Control for L.V.C. system.
 - Radio Frequency Remote.
 - Infrared Remote.
- Locking Switch Cover Plate for 120V or 3-Button Switch.
- Key Operated Switch for 120V only (NOTE: Cannot be used with low voltage system).
- 220 Volt (50 Hz) Motor.

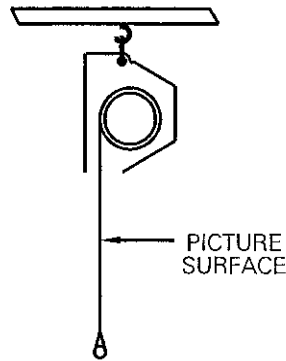
Project:	_____
Architect:	_____
Phone:	_____
Contractor:	_____
Phone:	_____
Supervisor:	_____
Phone:	_____
Date:	_____
Revised:	_____

- Video Projector Interface Control - 12V or 5V.
- External SCB-100 - RS-232 Serial Control Board
 - NET-100 Ethernet-Serial Adapter
 - MNC-100 Master Network Controller Software

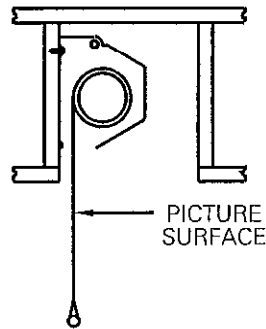
SUGGESTED METHODS OF INSTALLATION



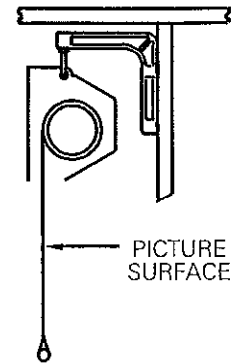
WALL MOUNTED



CEILING MOUNTED

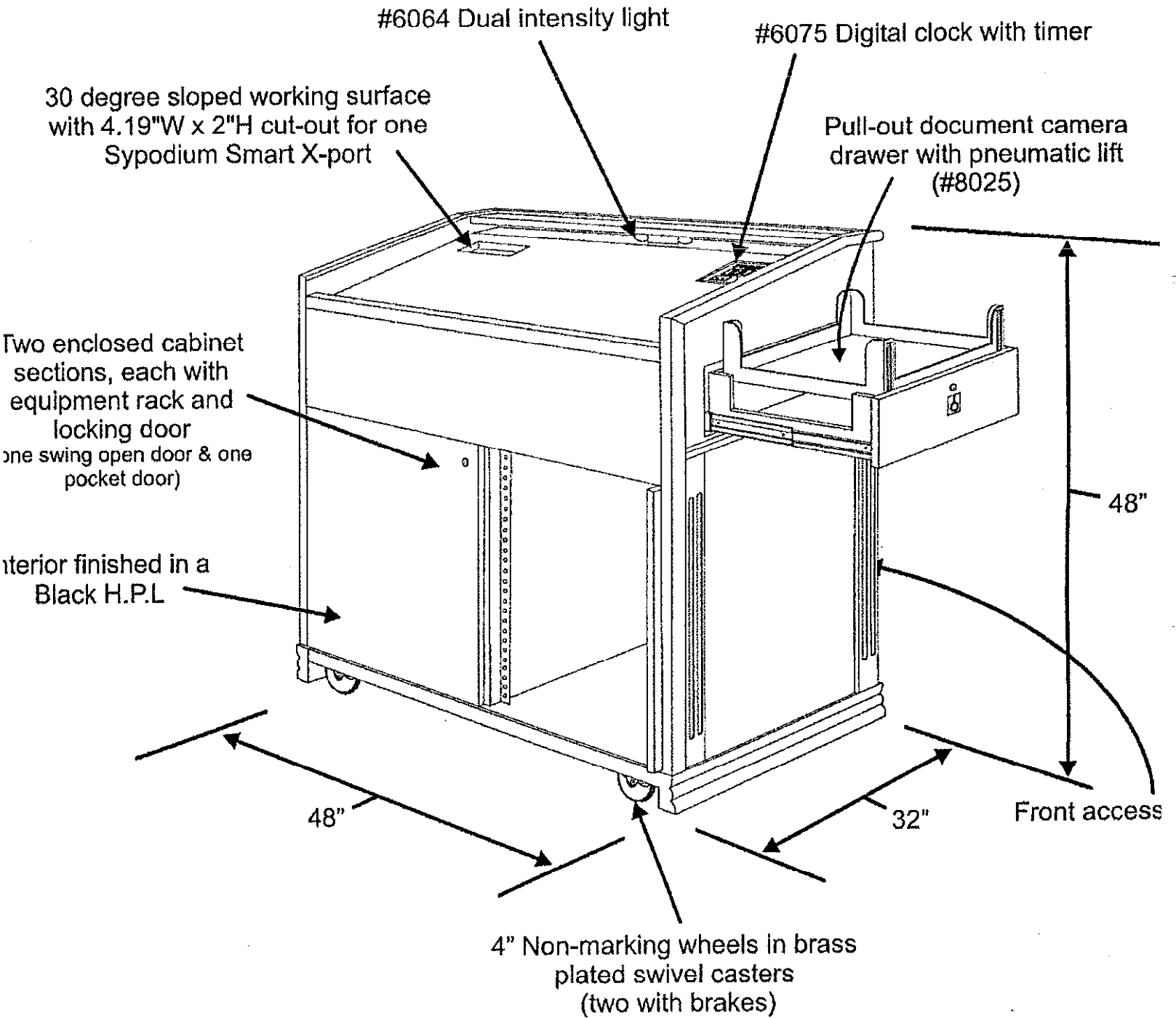


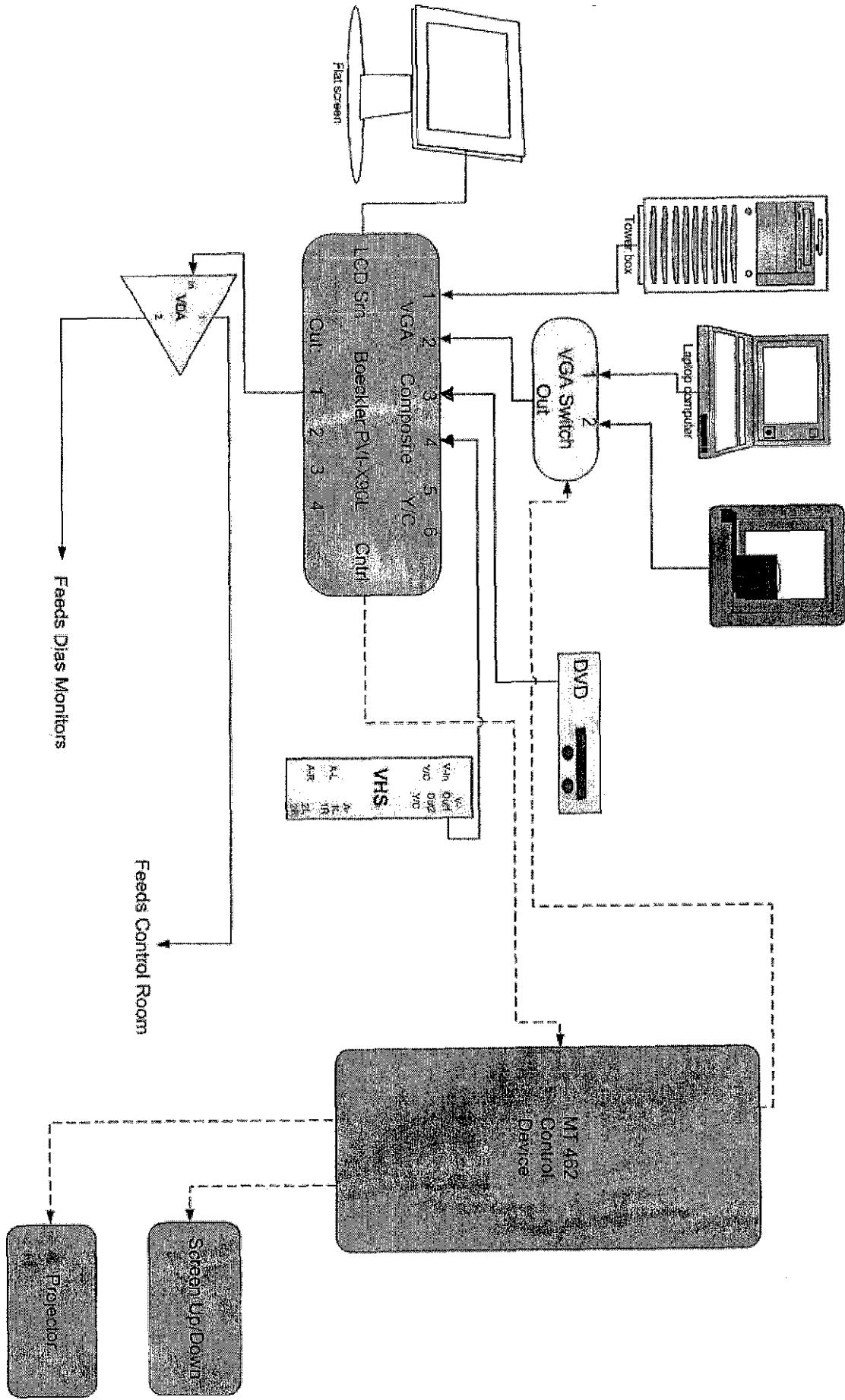
CONCEALED



USE No. 6 BRACKETS TO HANG BEHIND BEAM OR VALANCE

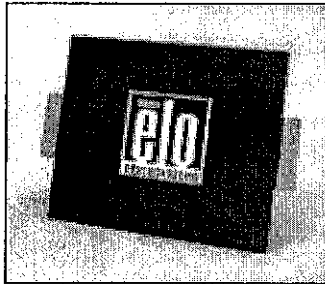
Custom Multimedia Console







3000 Series Elo Entuitive 1567L 15" LCD Panel Mount Touchmonitor



Images: [front](#) • [back](#)

- [Features](#)
- [Specifications](#)
- [Documentation/Support](#)
- [Part Number Information](#)
- [Pricing Information](#)
- [Accessories](#)

Elo's chassis LCD monitors have a long-lasting product cycle because the enclosure is controlled by Elo's specifications. Future panel improvements are therefore possible without external changes. The monitors are available with multiple touch technologies and all feature a unique, injection-molded minibezel and watertight seal, plus a multitude of mounting options.

Features

- Long lasting product cycle—enclosure controlled by Elo specifications
- Panels upgrades possible in the future without external changes
- Integrated precision minibezel with water-tight 0.5mm seal
- Front/panel mount or VESA mount
- Choice of touch technologies: [AccuTouch Five-Wire Resistive](#), [IntelliTouch Surface Wave](#), or impact resistant [SecureTouch Surface Wave](#)
- Serial or USB touch interface
- Multilingual remote on-screen display (OSD)
- Internal power supply
- Worldwide power and agency approvals
- 3-D electronic design files available

Specifications

Model	1567L
Series	3000
Availability	Worldwide
Case/Bezel color	Black hard anodized aluminum (5052-H32) front panel 4.8 mm thick
Display type	Active matrix TFT LCD
Display size	15.0" diagonal
Useful screen area	Horizontal: 11.97" (304 mm)

Pointmaker® PVI-X90 Presentation System

FEATURES

VIDEO MARKER WITH VIDEO SCALING

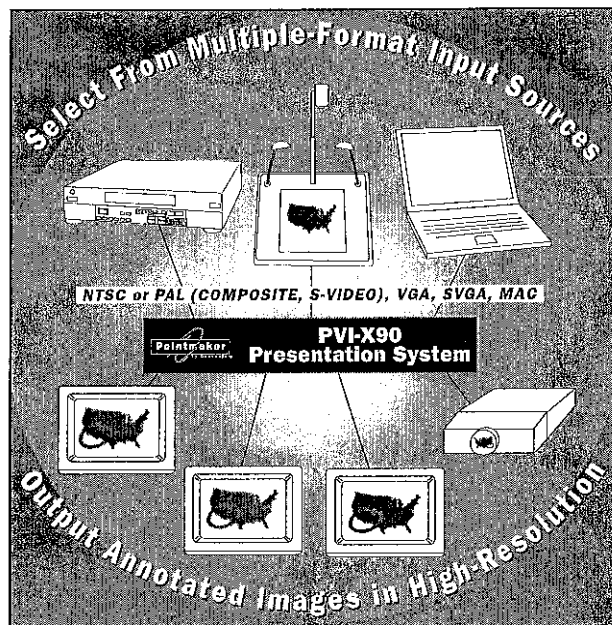
The *Pointmaker* PVI-X90 is a feature rich machine for both integrators and presenters. In addition to providing **the power to focus audience attention** with colorful markings and pointers, it **transforms incoming NTSC or PAL video into outgoing high-resolution computer video**. That means being able to connect diverse video units, such as an NTSC composite VCR or an S-Video document camera with the PVI-X90, and then easily select any of them for output to high-resolution computer displays or projectors. **Life becomes much simpler:** configuration and hook-up is a snap, and many video formats are reduced to one. **Money is saved:** fewer cables and components, less time interconnecting equipment.

STRENGTHS AT A GLANCE

- Annotates images with multicolored pointers and markings
- Scales low-resolution, interlaced video into high-resolution computer video
- Selects from any of 6 inputs at a touch
- Feeds up to 4 high-resolution display devices
- Reduces component and cable clutter
- Saves time and labor in configuration & hook-up
- Saves rack space

GET YOUR POINTS ACROSS

In classrooms, boardrooms, courtrooms, or anywhere points are made using video and/or computer technology, *Pointmaker* video markers are essential. They not only direct attention where it's needed most, but also enhance images through brightly colored markings.



Connect up to 4 different sources:
2 Composite, 2 S-Video(Y/C), and 2 computer.

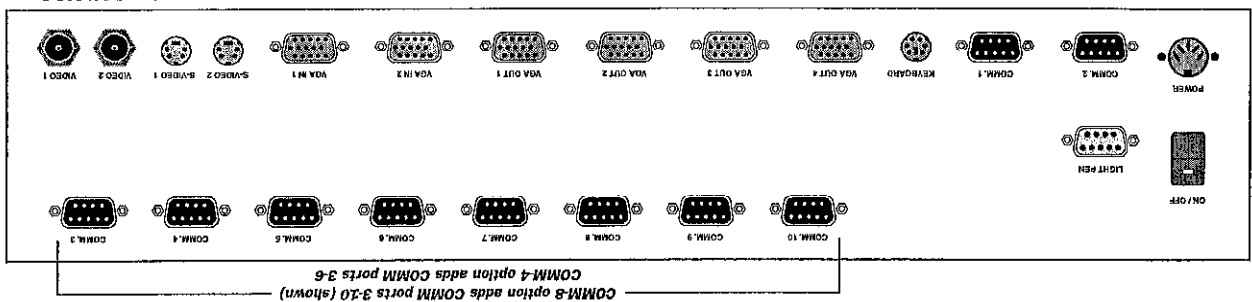
EXPANDABLE CONTROL

Both video marking and component input selection are easily achieved through the use of **up to 10 controllers**, including:

- Touch Screens or Touch Panels
- Digitizing Tablets
- One Light Pen

All PVI-X90 models come with a keyboard and are compatible with the presenter's most popular marking device – a **touch screen** or **touch panel** (purchased separately, certain manufacturers). The **PVI-X90D** model comes with **digitizing tablet**. Model **PVI-X90L** comes with a **light pen** that is used for drawing directly on a CRT computer monitor.

SPECIFICATIONS



VIDEO INPUT (NTSC/PAL) (2) Composite, (2) S-Video (Y/C), (2) VGA compatible (pass through)

INPUT ASPECT RATIOS 4:3 Normal

SCALED TO OUTPUTS 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024 @ 85 Hz

VIDEO OUTPUT SVGA (15-pin HD)

Video signal: RGB 0.7Vp-p analog; up to 71.7 kHz. Scaled resolution up to 1280 x 1024, pass through most resolutions up to 1600 x 1200. Separate horizontal and vertical sync signal (TTL level positive/negative).

BANDWIDTH Video signal: 200 MHz

POWER SOURCE 100-120/200-240 VAC (50/60 Hz)

CURRENT .5 AMP/.25 AMP

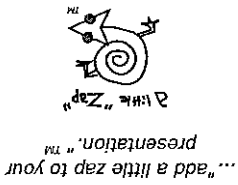
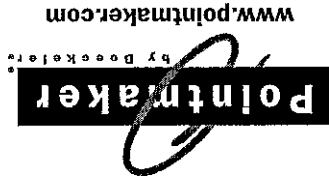
POWER CONS. 50/60 watts

OPERATING TEMP. 34° F to 131° F (0° C to 55° C).

DIMENSIONS Standard 17.0" (W) x 3.75" x 14.0" (D) 43.2 cm x 9.5 cm x 35.6 cm
With rack-mount option 19.0" (W) x 3.5" (H) or two rack units x 14.0" (D) 48.3 cm x 8.9 cm x 35.6 cm

APPROX. WEIGHT 9 lbs. (4.05 kg)

WARRANTY One (1) year parts and labor.



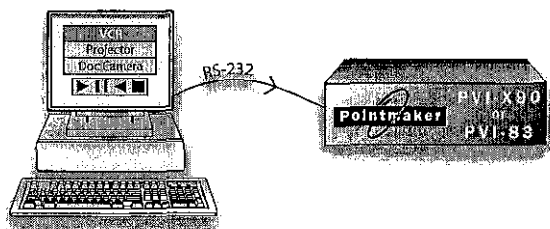
Boeckeler Instruments, Inc. • 4650 South Butterfield Drive • Tucson, AZ • 85714 • U.S.A.
Phone (520) 745-0001 • **Fax** (520) 745-0004 • **E-Mail** info@boeckeler.com
 © 1994-2002 Boeckeler Instruments, Inc. Pointmaker and Boeckeler are registered trademarks of Boeckeler Instruments, Inc., Tucson, Arizona. All other trademarks are the property of their respective owners. All specifications subject to change without notice.
 pvi-x90-0802.indd/RE

Pointmaker® UTROL-MT A/V Remote Control System

FEATURES

INTEGRATION MADE SIMPLE

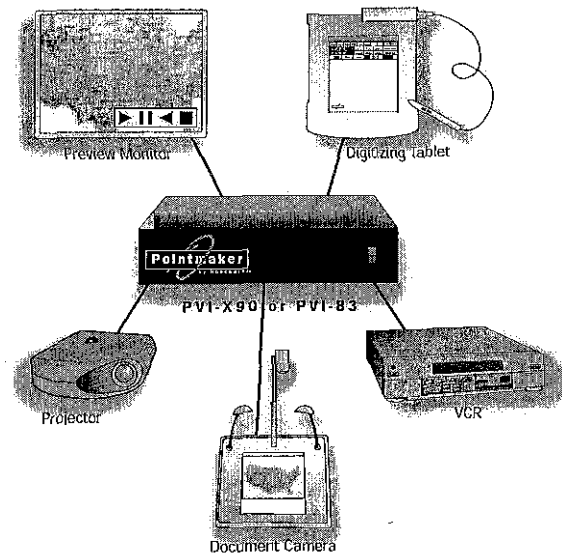
A/V remote control comes to Pointmaker video markers (PVI-X90 and PVI-83) with the UTROL-MT remote control system. It starts with Mediatech's Room/Media Control (MTBuilder) software, which lets you easily design any required control panels on a PC. Panels or panel groups are then downloaded into the Pointmaker's memory. Once downloaded, panels become a seamless part of the Pointmaker menu system. During a presentation, users can quickly recall panels to activate A/V commands. When a panel button is activated, the designated A/V device receives the appropriate RS-232 command(s) from the Pointmaker. Just as quickly, the user can return the Pointmaker to video marking.



Design control panels using PC software, then download to Pointmaker for easy activation through its menu system.

PRACTICAL AND COST-EFFECTIVE

Integrating A/V remote control into the Pointmaker reduces component clutter, making multimedia configurations easier to both set up and operate. UTROL-MT with MTBuilder gives your customer more for their money, allowing the Pointmaker to do double duty, eliminating the need for additional control units. Wiring is simplified, reducing costs again for cables and setup time. Maybe best of all: A/V systems can be easily configured through software with MTBuilder.



A simple configuration for controlling and marking over video from three input devices. (See back for higher-end setup)

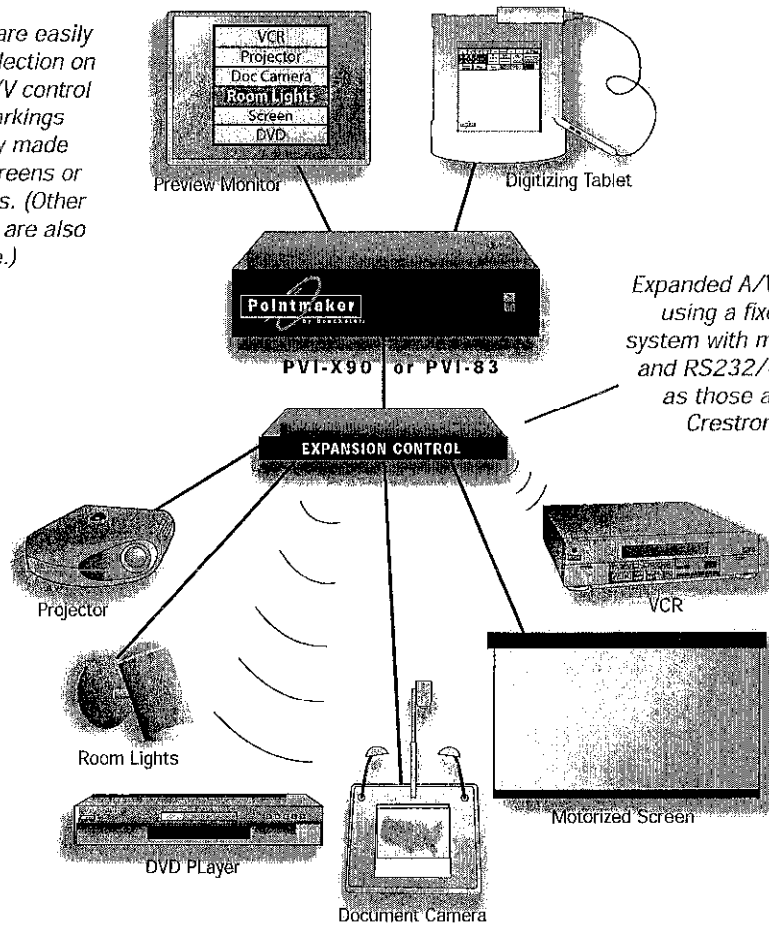
EASY TO PROGRAM

The included MTBuilder software (PC compatible) makes designing control panels a breeze. The graphical interface allows you to easily select and draw panels and buttons to your desired size using whatever colors you desire.

BENEFITS AT A GLANCE

- ◆ Easily design panels in MTBuilder
- ◆ Download panels to Pointmaker
- ◆ Pointmaker becomes both:
 1. A/V Remote Control System
 2. Video Marking Unit

Control panels are easily displayed for selection on screen. Both A/V control and video markings are commonly made using touch screens or digitizing tablets. (Other control devices are also available.)



Expanded A/V control is achievable using a fixed resource control system with multiple IR, I/O, Relays, and RS232/422/485 ports, such as those available from AMX, Crestron and Mediatech.

SYSTEM REQUIREMENTS

Pointmaker Video Marker: PVI-X90 or PVI-83

MTBuilder Software:

- Minimum Celeron 500 processor
- Microsoft Windows 95, 98 (limited performance) NT, 2000 or XP
- 128MB RAM (192 recommended)
- 10MB of available hard-disk space
- Color monitor with 16-bit or greater video card
- 800x600 or greater monitor resolution
- CD-ROM drive



... "add a little zap to your presentation."™



Boeckeler Instruments, Inc. • 4650 South Butterfield Drive • Tucson, AZ • 85714 • U.S.A.

Phone (520) 745-0001 • **Fax** (520) 745-0004 • **E-Mail** info@boeckeler.com

© 1994-2002 Boeckeler Instruments, Inc. Pointmaker and Boeckeler are registered trademarks of Boeckeler Instruments, Inc., Tucson, Arizona. All other trademarks are the property of their respective owners. All specifications subject to change without notice.

utrol-mt-0402.indd/RE

Mediatech
 Technical & Training Solutions

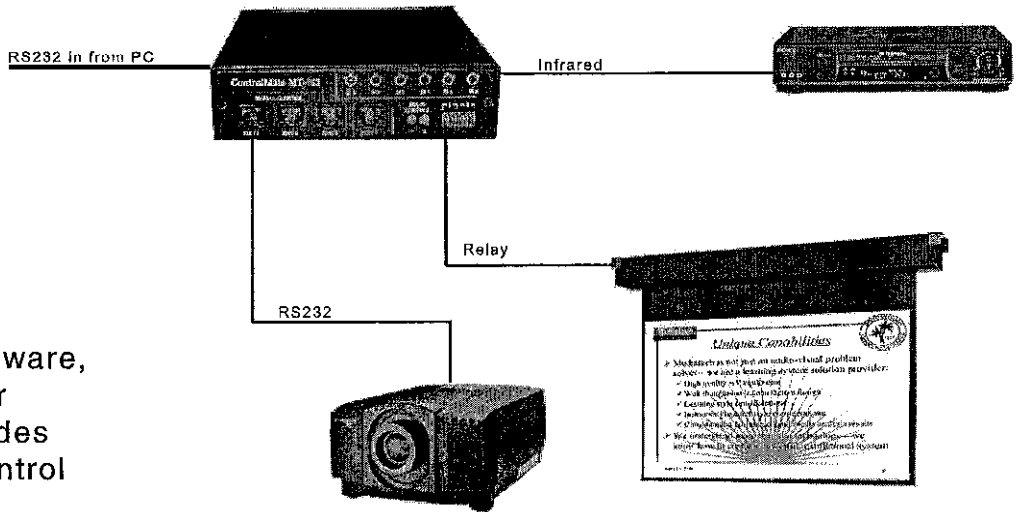
MTXtender Control Hardware



Mediatech's family of control hardware products include Multi-function (RS232, IR, and Relay), Contact Closure-RS232, and Low Voltage Contact Closure components.

Low Cost Control Solutions

Proprietary control systems typically require costly hardware components. With newer technologies enabling more and more audio-visual systems to be controlled via RS232/422, Contact Closure, and Infrared, the end user is faced with the dilemma of choosing a high priced control system or doing without. Mediatech's family of control hardware products provide a low cost, user-friendly and easily configured solution for most any control requirement.



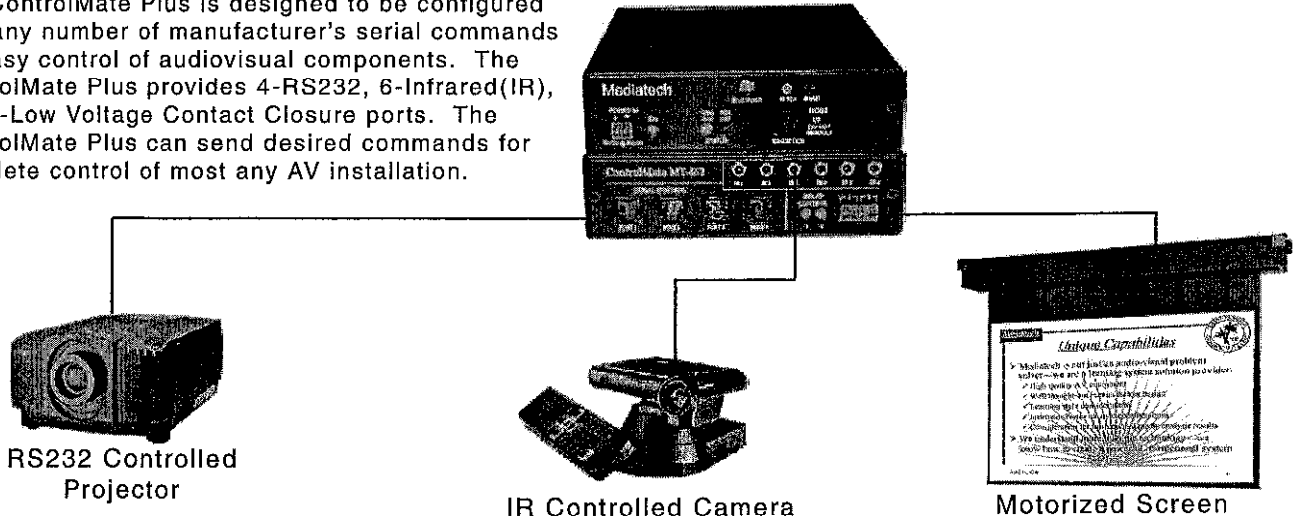
Turn-key Control

When combined with Mediatech's PC-based MTXtender Control Software, the family of MTXtender Control Hardware provides a low-cost, powerful control system.

Mediaware
 from
 Mediatech

ControlMate Plus

The ControlMate Plus is designed to be configured with any number of manufacturer's serial commands for easy control of audiovisual components. The ControlMate Plus provides 4-RS232, 6-Infrared(IR), and 2-Low Voltage Contact Closure ports. The ControlMate Plus can send desired commands for complete control of most any AV installation.



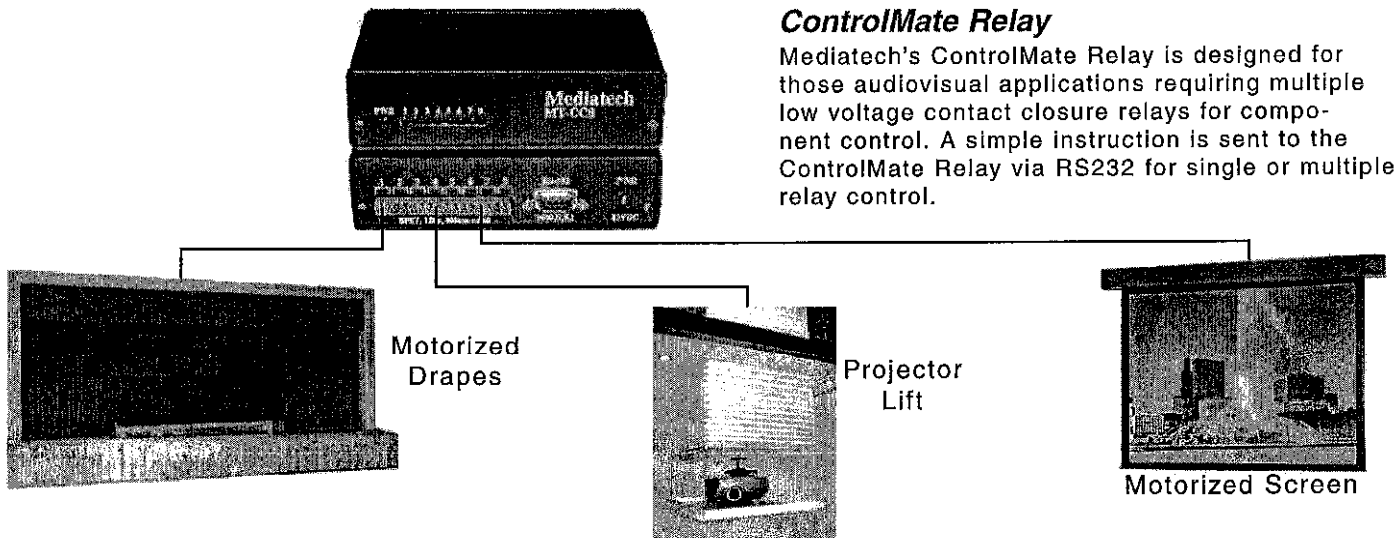
RS232 Controlled Projector

IR Controlled Camera

Motorized Screen

ControlMate Relay

Mediatech's ControlMate Relay is designed for those audiovisual applications requiring multiple low voltage contact closure relays for component control. A simple instruction is sent to the ControlMate Relay via RS232 for single or multiple relay control.



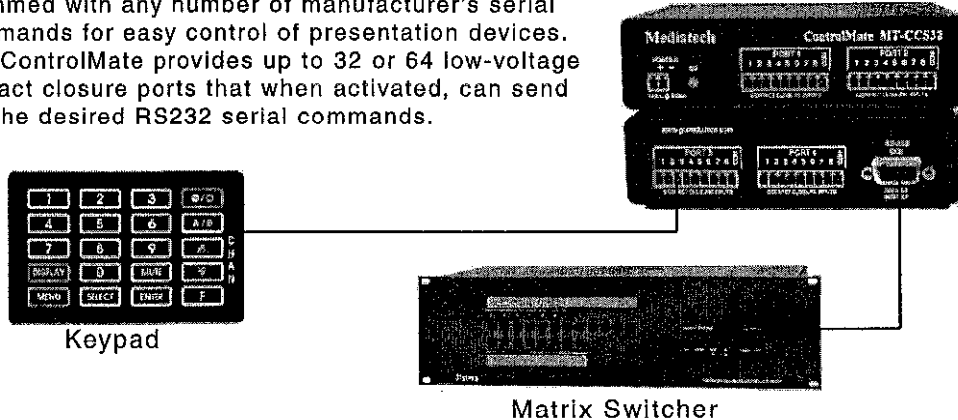
Motorized Drapes

Projector Lift

Motorized Screen

ControlMate 32/64

Mediatech's ControlMate is designed to be programmed with any number of manufacturer's serial commands for easy control of presentation devices. The ControlMate provides up to 32 or 64 low-voltage contact closure ports that when activated, can send out the desired RS232 serial commands.



Keypad

Matrix Switcher

Mediatech

Technical & Training Solutions

829 Carswell Ave.
Holly Hill, FL 32117
Tel: 386 258 9958
Fax: 386 258 9798

info@gomEDIATECH.com
http://www.gomEDIATECH.com



TECHWIN

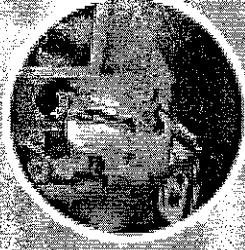
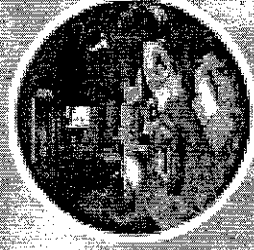
*Digital technology is changing the world of presentation.
Let Samsung SDP-900 take you to the next level of presentation.*



SDP-900

Samsung Digital Presenter

1/2" 850,000 Pixels PS CCD / 12x zoom (f= 6.4 ~ 73.6mm) F2.8 ~ 3.3 / 15 frame rate per sec / Saving image (8 pictures)



www.samsungpresenter.com



The new standard



Conference or Presentation

Medical or Scientific research

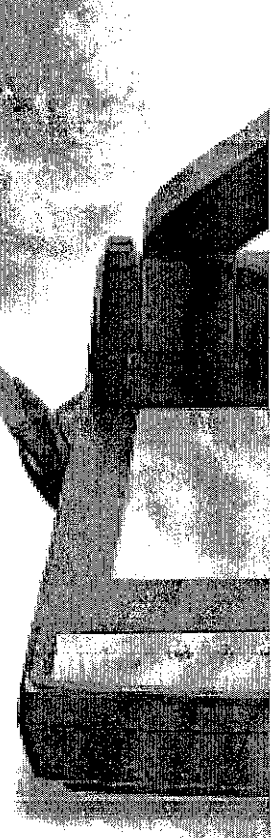
court

Education field

Military

Customized state-of-the art digital document camera

Make'em gasp with the versatility of the Samsung SDP-900 and receive applause! The application of the advanced features will enhance your presentation and help persuade your clients. Easy to use, The new and improved digital features of the SDP-900 will make the end user feel confident and at ease during the presentation. Feel free to make the transparency OHP film.



for visual presentation.

SDP

The Best of the Best among XGA document Cameras. ★★★★★

The new SDP-900 offers the most advanced and versatile features in its product category. Impress the audience with the SDP-900 and receive applause for your presentation.

1. Large depth of field

An object of 1cm ~ 15cm can be seen without any focus adjustment after the initial setting. That's why the SDP-900 is acclaimed as the only unique product in its class that offers the depth of field.

2. True XGA resolution

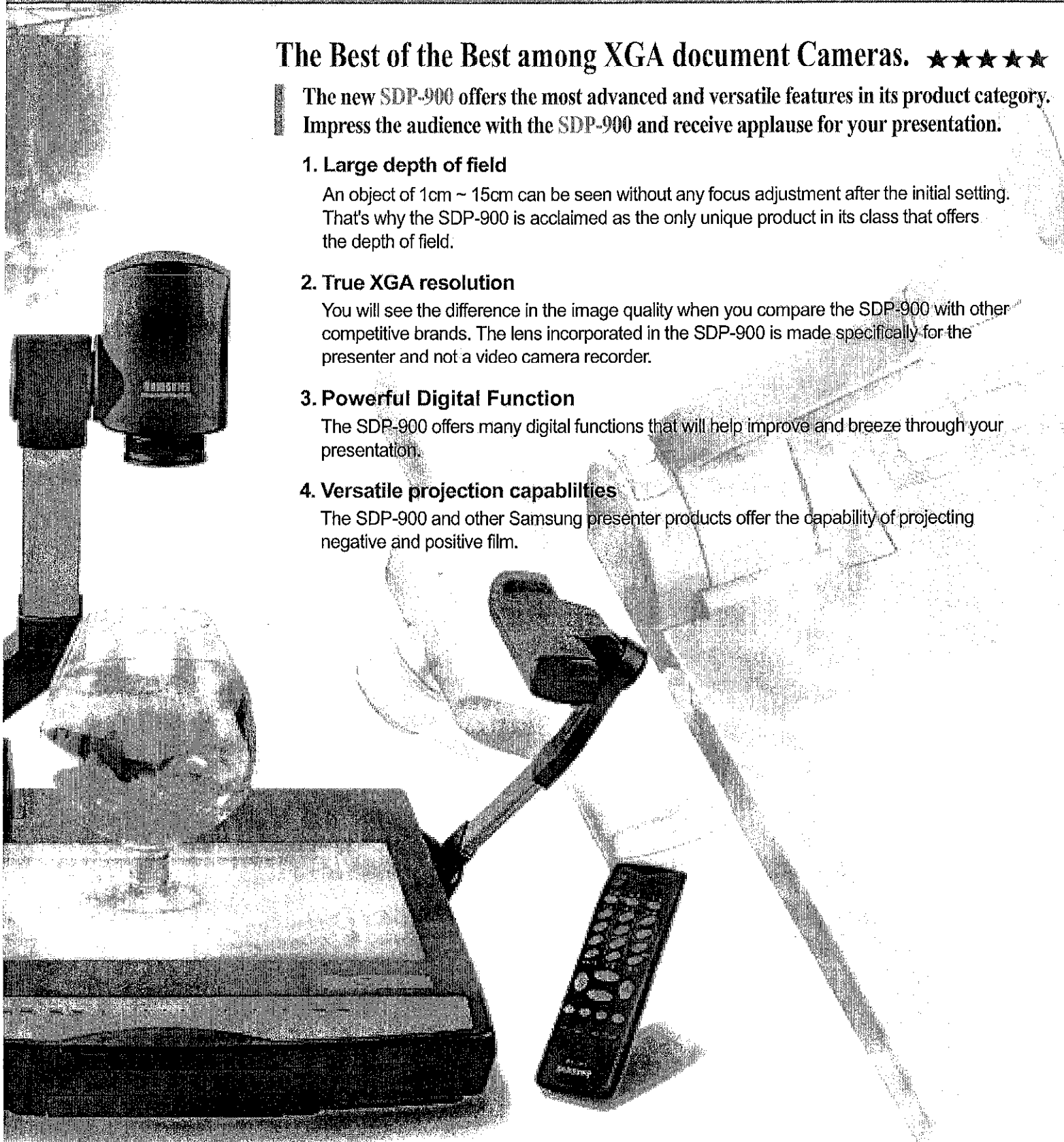
You will see the difference in the image quality when you compare the SDP-900 with other competitive brands. The lens incorporated in the SDP-900 is made specifically for the presenter and not a video camera recorder.

3. Powerful Digital Function

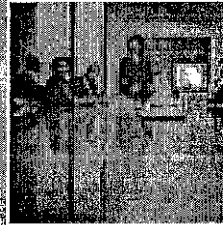
The SDP-900 offers many digital functions that will help improve and breeze through your presentation.

4. Versatile projection capabilities

The SDP-900 and other Samsung presenter products offer the capability of projecting negative and positive film.



SDP-900



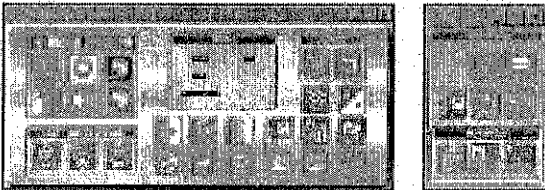
► Saving image (8 pictures) and Recall

SDP-900 will allow you to store up to 8 pictures without PC connection. After the images have been saved, you can recall (3X3 multiscreen display mode) them with a simple press of a button on the remote.



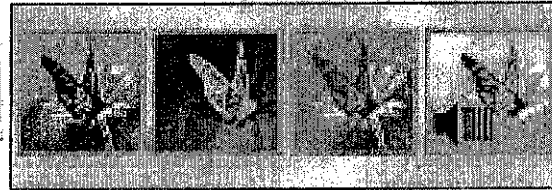
► Positive and Negative image conversion

Positive and negative image can both be projected on to the screen or the monitor for a clear and vivid image equivalent to the quality of a printed image.



► Computer interface

The SDP-900 has built-in USB and RS-232C interface which allow the use of a remote control and connection with any Windows PC. These versatile tools enable the SDP-900 to talk to a PC and save and send images to a PC.



► Preset save - When off

In order to avoid interruption during your presentation, the SDP-900 offers the ability to store four(4) condition settings which allows for a smooth flow of presentation and save even when the power is off.



► Split screen and image shift

With the SDP-900, you can compare the saved image with a live one through the split screen. And the position of the saved image can be easily adjusted by utilizing the shift function.



► Internal/external Switch

You can choose the internal signal from the presenter and the external signal from the computer. The presentation can be optimized when used interchangeably with Powerpoint.



► Freeze

An image can be held with the freeze feature while it is replaced with the next image and set up for presentation without interruption.

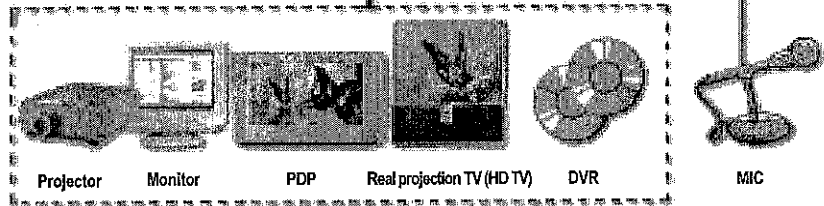
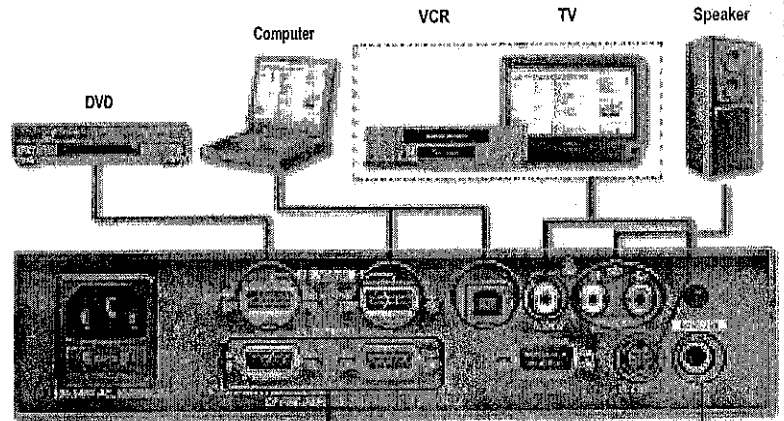
► LCD monitor (option)

The optional free standing LCD monitor allows you to preview your presentation as well as set-up prior to the actual presentation, a handy tool that saves time and avoids embarrassing situations.

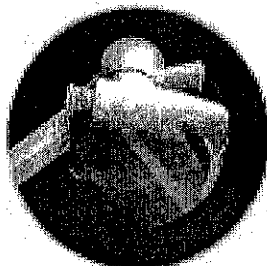
for visual presentation

SDP-900

Samsung Digital Presenter



850,000 Pixels CCD
12x Power Zoom



The Tilting Camera Head
The tilting camera head allows you to rotate the head up to 90 degrees.

Repositioned
Top Lights

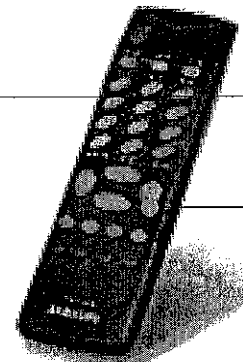
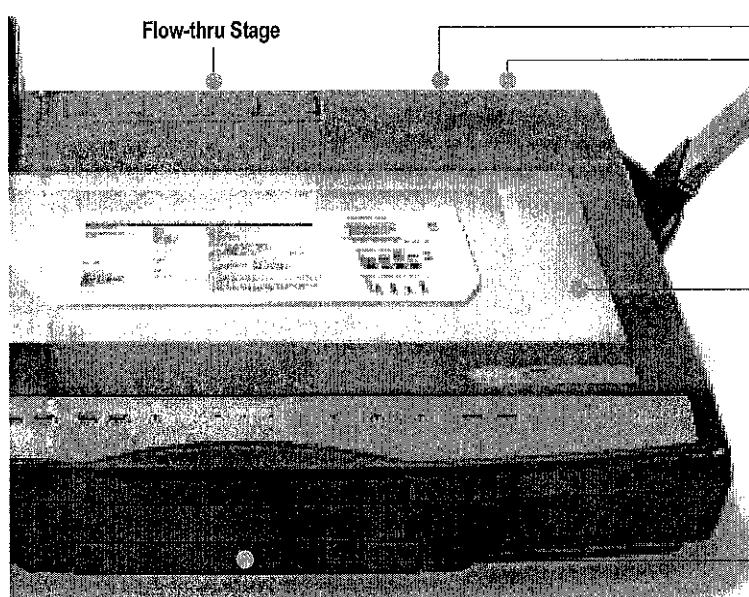
Flow-thru Stage

USB & RS-232C Port
JPEG & BMP Image
Storage & Transfer

Bottom Lights

Remote Control

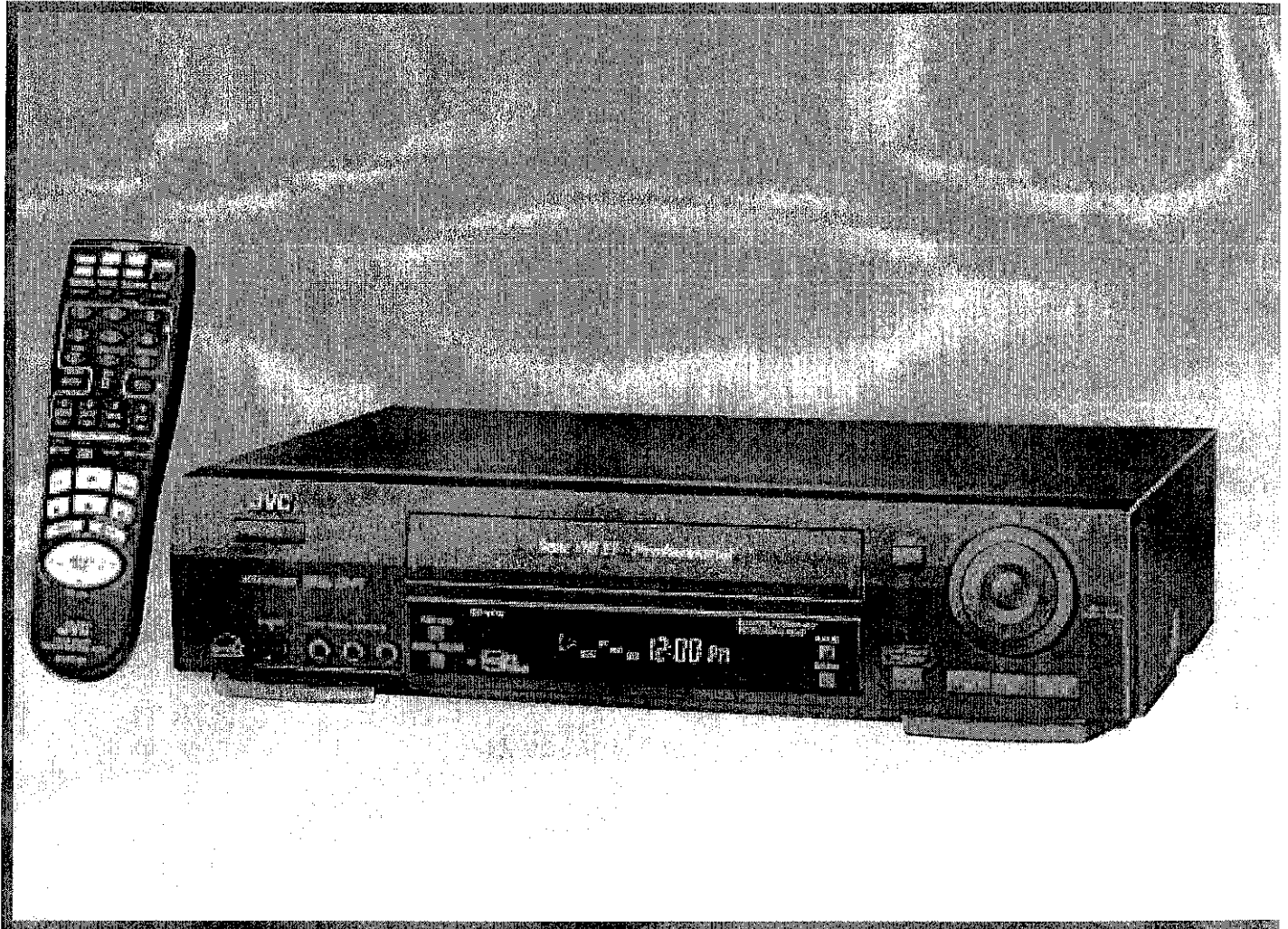
Carrying Handle



JVC[®]
PROFESSIONAL

SUPER VHS HI-FI STEREO
VIDEO CASSETTE RECORDER
SR-V10U

SVHS



- Repeat Recording & Playback
- Series Recording & Playback
- Date/Time Insert Recording
- Last Function Memory Return
- Auto Recording/Playback Re-Start
- Variable Slow Motion Control
- Wired-Remote Control Ready
- Insert & Assemble Editing Capability
- Daily Recording Timer Repeat
- Secure Operation Mode Lock
- Preferential-User Function Lock
- Record Safety Lock
- TBC
- Plays/Records S-VHS, VHS and S-VHS ET

Built for professionals — versatile Super VHS/Super VHS ET recording with pro-level functions suitable for a wide range of applications.

FEATURES

Repeat Recording & Playback

Just hold down the PLAY button on the VCR or remote control for more than 5 seconds and the tape in the VCR will play back repeatedly as many times as you like. You can set the VCR to repeat playback from the beginning of the tape and continue to either the end of the tape or the end of the recording. Similarly, by holding down the REC button for more than 5 seconds during recording, you can set the VCR to automatically rewind the tape and repeat recording on the same tape.

Series Recording & Playback

Convenient for security systems, exhibits, and many other applications, this feature lets you connect two or more VCRs for continuous recording/playback. The recording/playback signal is automatically relayed to the next VCR at the tape end (or picture end in playback).

Last Function Memory

The mode settings valid when the VCR's power switch is turned OFF or the power supply is interrupted are automatically saved in memory.

- Operation data stored in memory includes input switching, return-point selection, and REC SAFETY lock mode.

Auto Recording/Playback Re-Start

If the supply of power to the VCR is interrupted during operation by a power outage or disconnection, recording/playback resumes automatically when the power is supplied again.

Variable Slow Motion Control

You can examine recorded images more carefully using slow-motion playback. Two speeds are available: $\pm 1/6$ and $\pm 1/18$.

Wired-Remote Control Ready

The optional RM-G30 wired remote control gives you more dependable remote control over the VCR.

Insert & Assemble Editing Capability

Lets you replace the original picture without affecting the sound (linear audio track).

Daily Recording Timer Repeat

You can set the VCR to record at a specified time each day. When the tape reaches the end, it is automatically rewound to the beginning.

Secure Operation Mode Lock

Prevent undesired operation simply by pressing the remote control's power button for 7 seconds to disable all operation keys.

Preferential-User Function Lock

Another way to prevent accidental operation or tampering is by locking the desired operation mode (recording, playback or repeat play) using the wireless remote control unit.

- When the Record mode is locked, all other operation buttons are disabled until recording is complete.
- When the Play mode is locked, all operation buttons other than the PLAY button are disabled until tape end or picture end is reached.
- When the Repeat Play mode is locked, all other operation buttons are disabled.

Rec Safety Lock

Recording is possible on tapes with no erasure prevention tabs.

TBC

Jitter and other image artifacts are automatically corrected, ensuring stable playback pictures.

S-VHS High-Quality Pictures

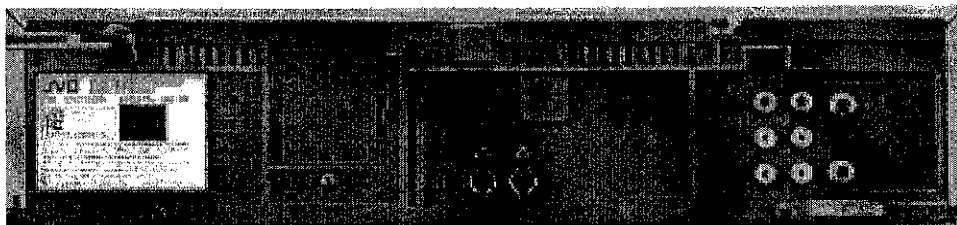
With more than 400 lines of horizontal resolution, Super VHS gives you a picture that's the ideal complement for today's high-quality DVDs and soon-to-come digital TV. Sixty percent better than ordinary video, Super VHS's high resolution is just what you need to record high quality programs or edit original camcorder footage. Super VHS is also ideal for creating master tapes, and since resolution remains high even in EP, high quality extended-time recording is also possible.

Super VHS ET Recording

JVC's breakthrough Super VHS ET (Expansion Technology) eliminates the need to use exclusive, hard-to-find tapes for Super VHS recording. Now you can record high-resolution Super VHS signals on the ordinary VHS tapes you can find in any store.

Other features

- Rec Link
- Input Switch
- Date/Time Insert Recording
- Built-in tuner
- Hi-Fi VHS Stereo with MTS Decoder
- Plug & Play
- Active Video Calibration
- Jog/Shuttle on Deck
- Shuttle Plus
- Wireless remote control provided
- Ready for wired remote control



Rear panel

SPECIFICATIONS

GENERAL

Power requirement: AC 120 V, 60 Hz
 Power consumption: 20 W (2.5 W with power off)
 Dimensions: 400 (W) x 94 (H) x 283 (D) mm (15-3/4" x 3-3/4" x 11-3/16")
 Weight: 3.4 kg (7.5 lbs.)
 Temperature
 Operating: 5°C to 40°C (41°F to 104°F)
 Storage: -20°C to 60°C (-4°F to 140°F)
 Operating position: Horizontal only
 Format: S-VHS/VHS NTSC standard
 Maximum recording time
 SP: 210 min. with ST-210 video cassette
 EP: 630 min. with ST-210 video cassette

VIDEO/AUDIO

Signal system: NTSC-type color signal and EIA monochrome signal, 525 lines/60 fields
 Recording/playback system: DA-4 (Double Azimuth) head helical scan system

Signal-to-noise ratio: 45 dB

Horizontal resolution

VHS: 230 lines

S-VHS: 400 lines

Frequency range

Normal audio: 70 Hz to 10,000 Hz

Hi-Fi audio: 20 Hz to 20,000 Hz

Input/output: RCA connectors (IN x 2, OUT x 1), S-video connectors (IN x 2, OUT x 1)

TUNER

Tuning system: Frequency-synthesized tuner

Channel coverage

VHF: Channels 2 - 13

UHF: Channels 14 - 69

CATV: 113 channels

RF output: Channel 3 or 4 (switchable; preset to Channel 3 when shipped), 75 ohms, unbalanced

TIMER

Clock reference: Quartz

Program capacity: 1-year programmable timer/8 programs

Memory backup time: Approx. 6 months, estimated figure based on supplied fresh battery; actual performance may differ.

ACCESSORIES

Infrared remote control unit
 "AA" battery x 2
 Lithium battery CR2025
 S-video cable (4-pin)
 RF cable (F-type)
 Audio/video cable
 BNC/RCA adapter x 2

DIMENSIONS (UNIT: mm/inches)



Specifications shown are for SP mode unless otherwise specified.

Design and specifications subject to change without notice.

JVC®

DISTRIBUTED BY

JVC PROFESSIONAL PRODUCTS COMPANY
 DIVISION OF JVC AMERICAS CORP.
 1700 Valley Road Wayne, NJ 07470

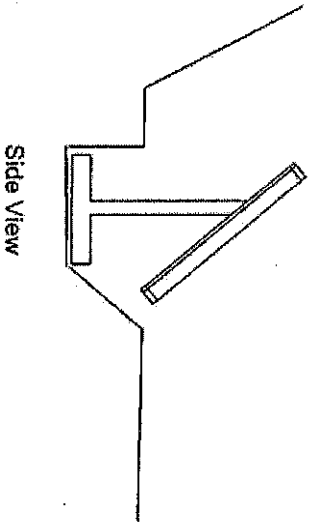
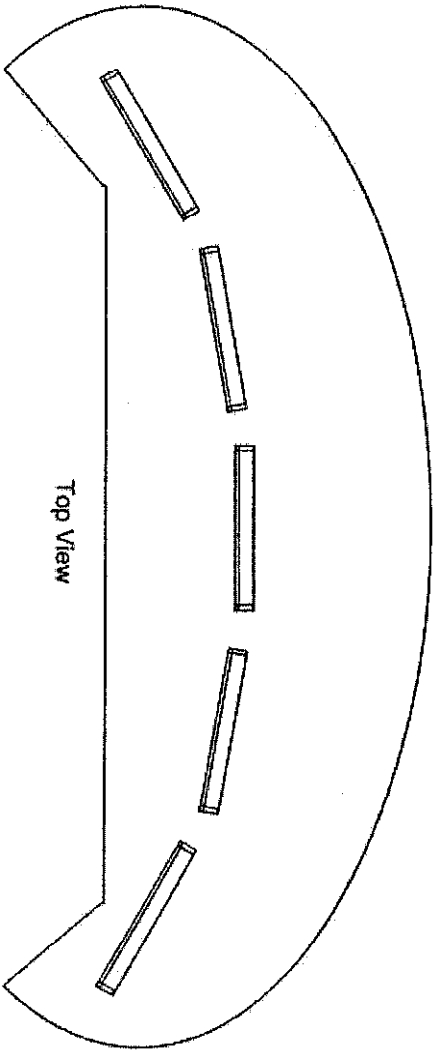
TEL: 973-317-5000, 1-800-526-5308 FAX: 973-317-5030

JVC CANADA INC.

21 Finchdene Square, Scarborough Ontario M1X 1A7
 TEL: 416-293-1311 FAX: 416-293-8208

<http://www.JVC.com/pro>

Printed in Japan
 XXX-XXXX



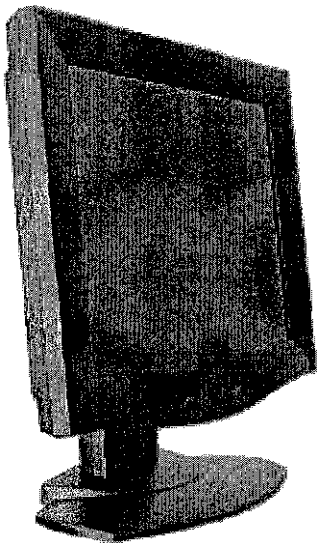
Commissioner's LCD Panel Drawing

Lee County, Florida A-V Equipment - Project Q-030150

Rev. 1.01

Encore Broadcast

June 2003



WT1500B

This 15" viewable LCD monitor has an outstanding 200-250 nits of brightness, rich vivid color, and a 350:1 contrast ratio for clearly defined images. Accepts both Composite and S-video inputs signals in NTSC or PAL format.

LCD	Size	15.0-inch diagonal
	Pixel Pitch	0.297(H) x .297(V)
	Maximum Resolution	1024 x 768
INPUT SIGNAL	Video	RGB Analog (75 ohms, 0.7/1 Vp-p) S-Video Composite
	Sync	H/V separate (TTL), composite, NTSC-M and PAL
COMPATIBILITY	PC	PC compatible from VGA up to 1024 x 768
	Mac	Power Mac™
CONNECTOR	Signal	VGA 15-pin D-sub AV-connector S-video Connector
	Power	3-pin plug (CEE22)
POWER	Voltage	AC 90~264V Universal
		Contrast, brightness, H/V position, H/V size, pincushion, H-scaling, Auto-adjust, Color temp. (9300, 6500, 5000, User), Red-Gain, Blue-Gain, Green-Gain, OSD position, OSD timer, Gamma, Recall, Phase, Channel, OSD exit
On Screen Display		16.7m(8 bits/colors)
COLOR		Contrast, brightness, H/V position, H/V size, pincushion, H-scaling, Auto-adjust, Color temp. (9300, 6500, 5000, User), Red-Gain, Blue-Gain, Green-Gain, OSD position, OSD timer, Gamma, Recall, Phase, Channel, OSD exit
On Screen Display		200-250(cd/m2)(at least)
Brightness		Operating 0°C~50°C(32°F~122°F)
Temperature		Storage -20°C~60°C(-4°F~140°F)
Humidity		Operating 10-85% Maximum
		Storage 10-90% Maximum
DIMENSIONS	Physical	7.1"(D) x 15.0"(W) x 12.0"(H)
WEIGHT	Net	Approximately 13.7lbs
Contrast		350:1
EMISSION STANDARD		FCC, CE, cUL, TUV, GS, and VCCI
	Touch Screen Option	Resistive, Capacitive and SAW
POWER MANAGEMENT		Meets ENERGY STAR®, TCO '99 and Energy 2000 standards

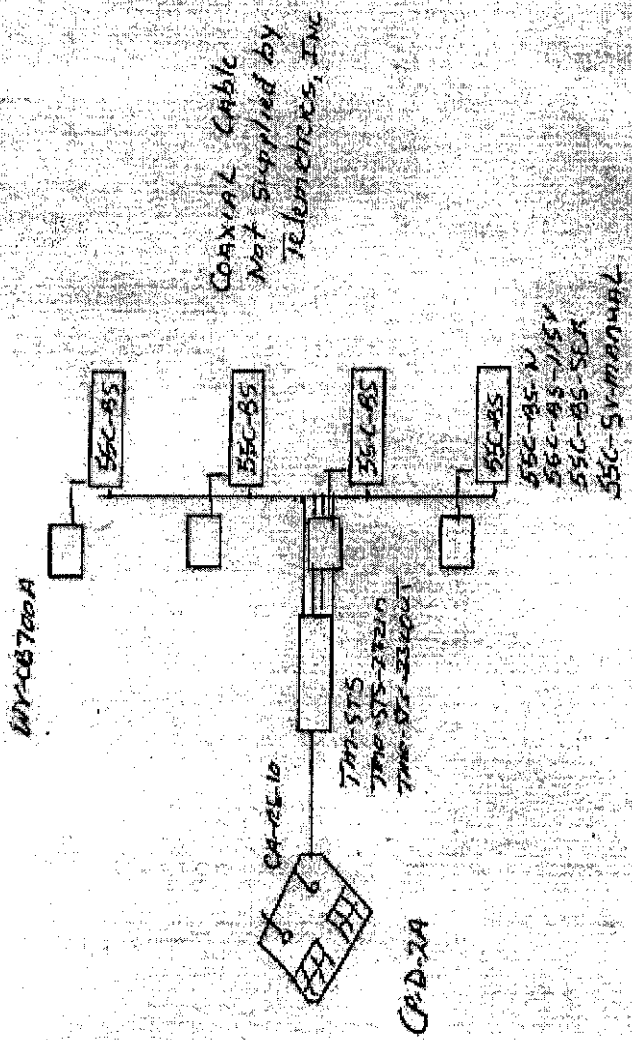
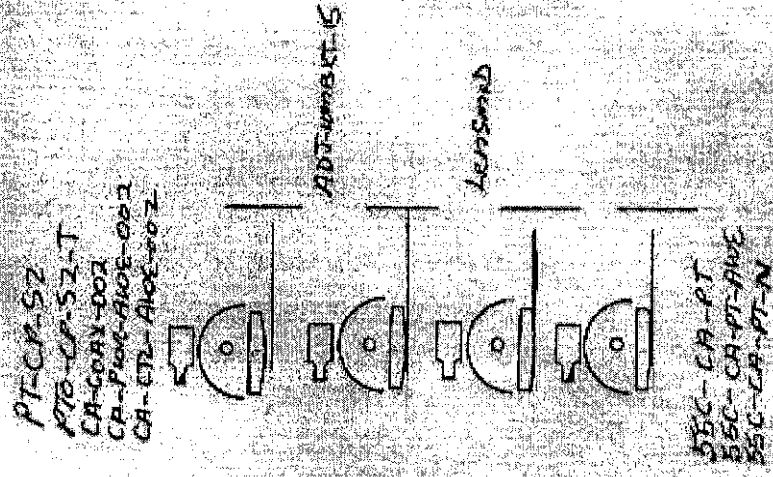
WINMATE TECHNOLOGIES

© 2002 Winmate Technologies, Inc. All brand names, trademarks and registered trademarks are the property of their respective owners. Product features subject to change without notice.

Telemetrics Inc. CAMERA CONTROL SYSTEMS

6 Leighton Place, Mahwah, NJ 07430 U.S.A. 201-848-9918 • Fax 201-848-8819

Camera = Panasonic AW-E60 w/ WVCB700A
 Lens = CANON YH19XG17KTS



COAXIAL Cable
 Not Supplied by
 Telemetrics, Inc

Encode Broadcast
 Quote # 4930
 Lee County Government

Specifications of the highest level and a variety

3CCD employed to provide high resolution
for professional high-end use.

With employment of 3CCD, and a 10-bit DSP, high specifications have been achieved
together with horizontal resolution, S/N, and minimum illumination.

Equipped with various functions to support
diverse video production needs.

Cameras can be used by selecting the best conditions to meet various shooting situations.
Functions can be easily set from menu screen.

Lightweight, compact box-type body.

A weight-saving, compact body achieved through an original board-to-board, super high-density design.

Cameras have superior mounting capabilities, enabling easy installation from ceilings or on walls.

3CCD Convertible camera **AW-E800A**

2/3-inch bayonet mount

High-specification model with switchable 16:9/4:3
aspect ratios

- Horizontal Resolution : 850 lines
- Minimum Illumination : 1.5 lx
- S/N : 63dB (NTSC), 61dB (PAL)

3CCD Convertible camera **AW-E600**

1/2-inch bayonet mount

High-end model perfect for use in studios and
CATV production.

- Horizontal Resolution : 850 lines
- Minimum Illumination : 0.25 lx
- S/N : 65dB (DNR ON)(NTSC) 63dB (DNR ON)(PAL)

3CCD Convertible camera **AW-E300A**

1/3-inch C-mount

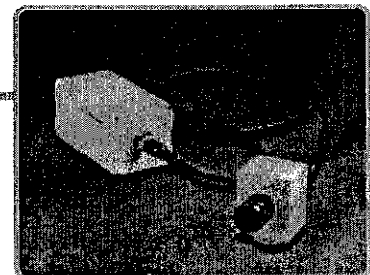
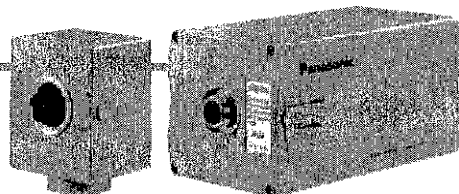
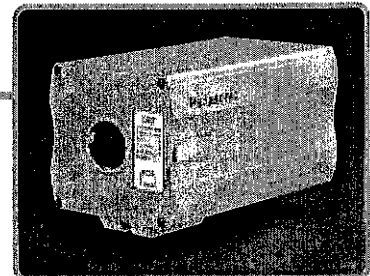
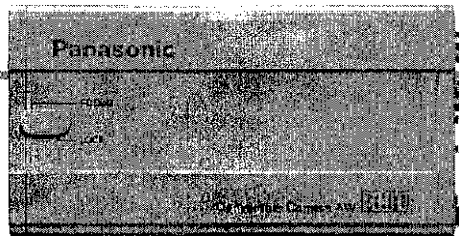
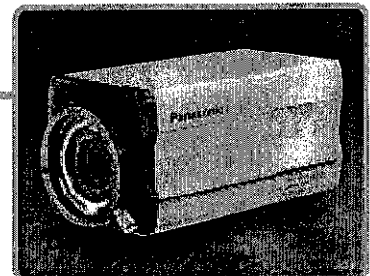
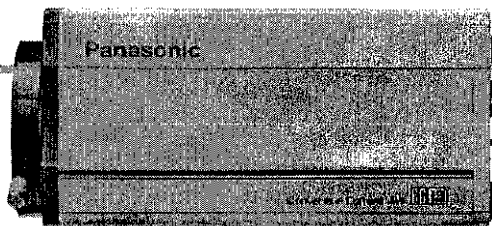
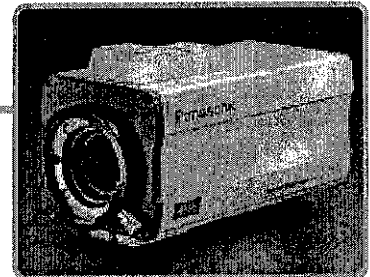
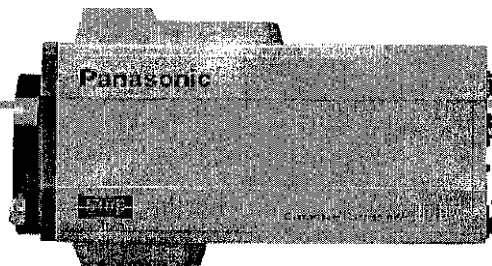
Highly, cost-efficient model for multipurpose use.

- Horizontal Resolution : 850 lines
- Minimum Illumination : 1.5lx
- S/N : 65dB (DNR ON)(NTSC) 63dB (DNR ON)(PAL)

Separate Head Camera **AW-E300S**

Small head, separate camera by separating head
and body parts of convertible camera AW-E300.

- 3CCD (R, G, and B) type camera with 410,000 pixel, IT-type CCD
with 1/3" on-chip lens, and F1.4 prism.
- The main and head units are connected with a dedicated cable, and
can be extended to a maximum of 10 m.
(3m cable included as a standard accessory.)



■Ratings (NTSC <PAL>)

	AW-E300A / E300S	AW-E600	AW-E800A
Imaging element	1/3" IT type 3-CCD system	1/2" IT type 3-CCD system	2/3" IT type 3-CCD system
Pixels	Total number of pixels Approx. 410,000 <470,000>		Approx. 515,000 <620,000>
	Effective number of pixels Approx. 380,000 <440,000>		Approx. 475,000 <570,000>
Imaging area	4.8 (H) x 3.6 (V) (equivalent to 1/3") mm	6.4 (H) x 4.8 (V) (equivalent to 1/2") mm	9.6 (H) x 5.4 (V) (equivalent to 2/3") mm
Scanning	2:1 interlaced NTSC system <2:1 interlaced PAL system>		
Scanning frequency	Horizontal=15.734 kHz, Vertical=59.94 Hz <Horizontal=15.625 kHz, Vertical=50 Hz>		
Lens mount	1/3" C mount *	1/2" Standard bayonet mount	2/3" Standard bayonet mount
Synchronisation	Internal or external synchronisation		
Standard illumination	2,000 lux, (3,200°K, F8) <2,000 lux, (3,200°K, F8)>	2,000 lux, (3,200°K, F11) <2,000 lux, (3,200°K, F11)>	2,000 lux, (3,200°K, F9.5) <2,000 lux, (3,200°K, F9.5)>
Minimum illumination	1.5 lux, (F1.4, Night Eye mode)	0.25 lux, (F1.4, Night Eye HIGH mode)	1.5 lux (F1.7, Night Eye mode)
Signal-to-noise ratio	65 dB (DNR ON) <63 dB (DNR ON)> / 63 dB (DNR ON) <61 dB (DNR ON)>	65 dB (DNR ON) <63 dB (DNR ON)>	63 dB <61 dB>
Horizontal resolution	850 lines (High band, DTL ON) / 800 lines (High band, DTL ON)	850 lines (High band, DTL ON)	850 lines (High band, DTL ON)
Registration	0.05 %		
Outline correction	Horizontal <Vertical (both operative)>		
White balance	Self-adjusting A/B 2-memory, manual fine adjustment, ATW, 3,200 K, 5,600 K		
Black balance	Self-adjusting		
Color bar	SMPTE color bar (Setup 0/7.5 IRE) <EBU colour bar>		
Shutter speed	OFF, 1/100 <1/120>, 1/250, 1/500, 1/1 000, 1/2,000, 1/4,000, 1/10,000 Synchro-scan ELC: variable target level		
Gain	AGC LOW/HIGH, 0 ~ 30 dB, NIGHT EYE	AGC LOW/HIGH, 0 ~ 30 dB, NIGHT EYE LOW/HIGH	AGC LOW/HIGH, 0 ~ 30 dB, NIGHT EYE
Iris	AUTO, (manual control is only possible when using RCU or control panel)		
Video output	Composite :1 V[p-p] / 75Ω (BNC, 50P D-sub connector) YC: Y1 V[p-p], C: 0.288V[p-p] (50P D-sub connector)		
Power supply voltage	DC 12 V		
Power consumption	Approx. 9.6 W		Approx. 18 W
Operating temperature	14°F ~ 113°F <-10°C ~ 45°C>		
Dimensions	E300 : 3-5/16" x 3-1/32" x 5-3/4" (84 (W) x 77 (H) x 146 (D) mm) E300S : head:3-1/8"X2-3/8"X2-5/16" (79 (W) x 60 (H) x 58.5 (D) mm) E300S : main unit:3-5/16"X3-1/32"X6-1/4" (84 (W) x 77 (H) x 159 (D) mm)	3-5/16" x 3-1/32" x 6-3/32" (84 (W) x 77 (H) x 155 (D) mm)	3-5/16" x 3-5/8" x 7-9/16" (84 (W) x 92 (H) x 192 (D) mm)
Weight	1.5 lbs <0.7 kg> / (head:0.23kg main unit:0.64kg)	1.9 lbs <0.86 kg>	2.36 lbs <1.07 kg>

*Note = The lens should be within 4.3mm from the lens mount face. Otherwise, there is a risk of damaging the camera unit. Weight and dimensions shown are approximate. Features and Specifications are subject to change without notice. These products may be subjects to export regulations.

Panasonic

Matsushita Electric Industrial Co., Ltd.
Systems Business Group
2-15 Matsuba-cho, Kadoma, Osaka 571-8503
Japan
Tel. 81-6-6905-4650 Fax. 81-6-6908-5969
www.panasonic.co.jp/bsd

Countries and Regions

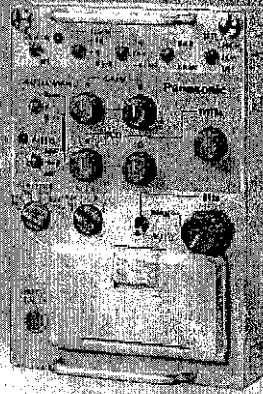
Argentina	Tel. 54-1-308-1610	Jordan	Tel. 961-6-566-1914	Spain	Tel. 34-93-425-9300
Australia	Tel. 61-2-9687-6222	Korea	Tel. 82-2-784-0245	Sweden	Tel. 46-8-680-8238
Austria	Tel. 43-1-61080-773	Kuwait	Tel. 965-481-2123	Switzerland	Tel. 41-41-259-9632
Bahrain	Tel. 973-252292	Lebanon	Tel. 961-1-216827	Taiwan	Tel. 886-2-2725-9100
Belgium	Tel. 32-2-481-0481	Malaysia	Tel. 60-3-5549-5422	Thailand	Tel. 66-2-731-8888
Brazil	Tel. 55-11-3888-4035	Mexico	Tel. 52-5-488-1000	Turkey	Tel. 90-216-416-0150
Canada	Tel. 1-905-624-5010	Netherlands	Tel. 31-73-640-2721	U.A.E.	Tel. 971-4-282201
China	Tel. 86-10-6513-8628	New Zealand	Tel. 64-9-272-0100	U.K.	Tel. 44-118-802-9210
(Hong Kong)	Tel. 852-2313-0888	Norway	Tel. 47-229-18800	U.S.A.	Tel. 201-348-5300
Czech Republic	Tel. 42-02-2166-4120	Pakistan	Tel. 92-21-455-5766		
Denmark	Tel. 45-43-200-853	Panama	Tel. 507-229-2955		
Egypt	Tel. 20-2-3938151	Peru	Tel. 51-145-29470		
Finland	Tel. 358-9-521-5253	Philippines	Tel. 63-2-633-6162		
France	Tel. 33-148464386	Poland	Tel. 48-3912-3173		
Germany	Tel. 49-611-18160	Portugal	Tel. 351-21-424-8630		
Greece	Tel. 30-1-989-2300	Puerto Rico	Tel. 1-787-750-4300		
Hungary	Tel. 36-1-382-6060	Russia	Tel. 7-095-258-4237		
Indonesia	Tel. 62-21-801-5666	Saudi Arabia	Tel. 966-1-465-0709		
	Tel. 62-21-385-9449	Singapore	Tel. 65-843-7691		
	Tel. 62-21-2271463	Slovakia	Tel. 421-7-5282-1423		
Iran	Tel. 98-21-2271463	South Africa	Tel. 27-11-313-1400		
Italy	Tel. 39-02-67881				



Remote Control Box (RCBs)

Control of convertible camera with handy controller

Remote Control Box
WV-CB700A



- Lightweight and compact size
- Extending from a remote control unit, this box allows users to remotely control a camera up to 50 meters away.
- Can be connected direct to a convertible camera with an RCB cable AW-CA50T10 (Max. extension: 50 meters)

Camera control functions

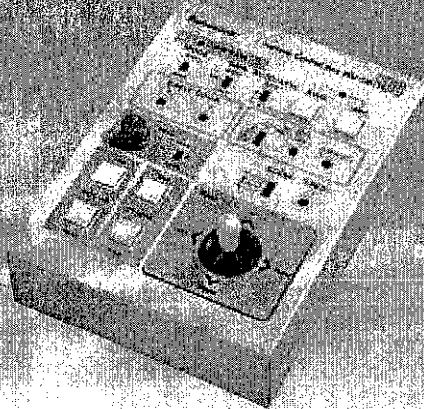
Switch: RCB ON/OFF, gain up, color bar/camera, detail correction switch, white balance, auto white/auto black setting, shutter speed switch, scene files, lens iris select, user settings, user setting item restriction, gen-lock sub-carrier phase coarse adjustment

Adjustment: RB gain, RB pedestal, total pedestal, lens iris adjustment, gen-lock horizontal phase, gen-lock sub-carrier phase

Power supply	Supplied from camera
Dimensions	90(W) x 131 (H) x 51.5 (D) mm
Weight	Approx. 370 g
Accessories	RCB cable (2 m) x 1, Display panel (for AW-F575)

Controls contact-closure-type pan-tilt head with convertible camera

Remote Control Box
WV-CB550



- Connecting to a camera using 3 coaxial cables, camera control, transmission and reception of camera video signals and gen-lock signals are possible.
- Can be connected to a convertible camera with an RCB cable AW-CA50TBNC

*Separate 12V DC power supply is required. (RCB has 12V DC input terminal and +12V DC power supply is locally supplied.)

Camera control functions

Switch: BAR/CAM, gain, white balance, AWC start, ABC start, scene file switch, lens iris switch, gen-lock SC phase coarse adjustment switch

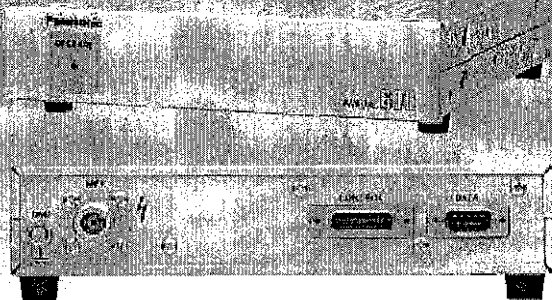
Adjustment: Total pedestal, gen-lock horizontal phase, gen-lock SC phase

Power supply	12V DC
Power consumption	1.8 W
Dimensions	140(W) x 79 (H) x 198(D) mm
Weight	Approx. 1 kg
Accessories	20-pin/BNC conversion cable x 1

Coaxial Multiplex Adapter

Coaxial Multiplex Adapter

AW-ML600



- Multiplexes and sends power, control, and video/genlock signal through a coaxial cable to convertible camera and pan-tilt head.
- Converts DC power to DC12V, and supplies it from a remote control unit (WV-RC700A). Connects RCU and AW-ML600 with a coaxial cable. (300 m for Belden 8281, N-type connector included.)

*Not available in some areas

Power supply	85-110V DC (supplied from remote control unit)
Power consumption	Approx. 45W
Dimensions	206.5(W) x 53.5(H) x 250(D) mm
Weight	Approx. 3.52 kg (incl. cable)
Accessories	N-type connector (NP101) x 1, Cable (for connection with pan-tilt head) x 1

[Home](#) > [BCTV](#) > [YH19X6.7 KTS](#)

BCTV

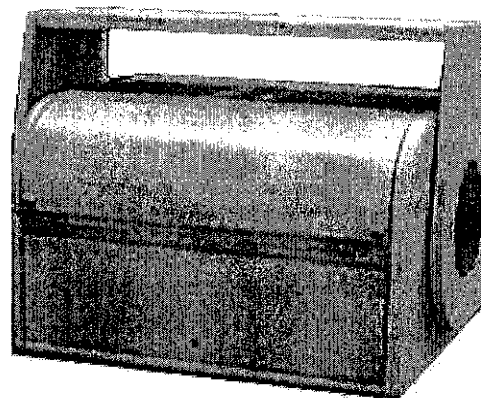
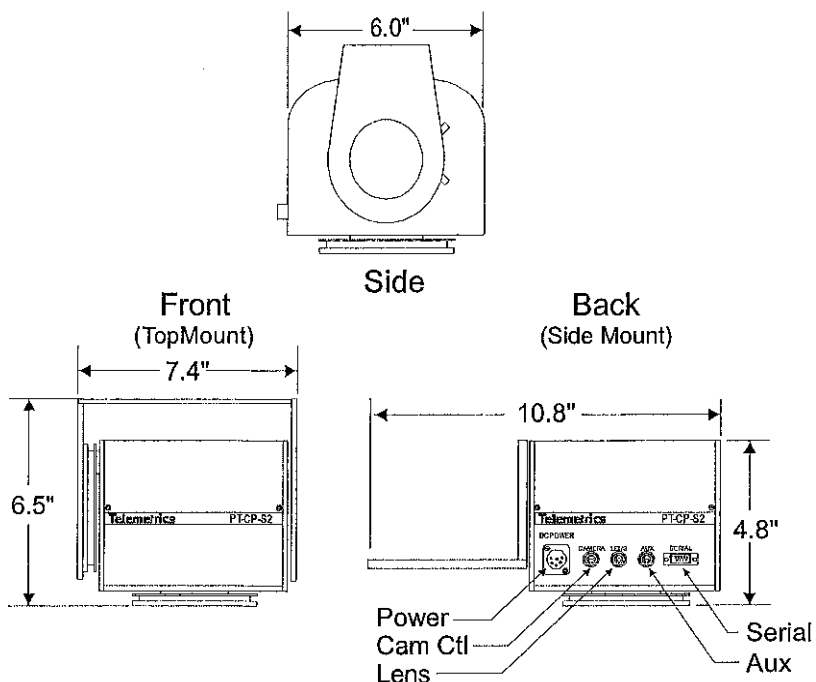
YH19X6.7 KTS

CANON PRODUCTS

- ▶ [Introduction](#)
- ▶ [Features](#)
- ▶ [Specifications](#)
- ▶ [FAQs](#)
- ▶ [Literature Request](#)
- ▶ [Email Tech Support](#)
- ▶ [Press Releases](#)

Lens Models	YH19x6.7 KTS
Applicable Camera	3-CCD Bayonet MT Cameras
Zoom Ratio/Format	19x 1/2"
Range of Focal Length	6.7~127mm
Maximum Relative	1:1.4 (6.7~89mm)
Aperture	1:2.0 (127mm)
Angular Field of	W 51.1 x 39.4
View	T 3.03 x 2.27
Minimum Object	0.9m (50mm with Macro)
Distance (M.O.D.)	
Object Dimensions	W 77.2cm x 57.9cm
at M.O.D.	T 4.2cm x 3.2cm
Size (WxHxL)	139.8 x 99.5 x 181.6mm
Weight (approx.)	1.33kg(2.92lbs)
Operation	Focus: Servo Control
	Zoom: Servo Control
	Iris: Auto/Remote Control


[Downloads](#)
[Safety Info](#)
[Careers](#)
[Site Map](#)
[Contact Us](#)



Description

The Telemetrics PT-CP-S2 is a precision pan/tilt head with smooth variable operating speed. Heavy duty cross roller bearings and swiss motors with isolation mounts provide quiet operation. The lens connector provides direct connection and interface to lens functions. Lens interface options are also available. The unit is available with either top or side camera mounting platform options. The unit is controlled through serial data using RS-232 or RS-422. Manual smooth motion is accomplished using velocity servo controls. Sixty-four presets are available. Presets are called using shot convergence technology, allowing for smooth motion like presets. An optional camera control feature is available for certain cameras. Tally LED on front panel to indicate camera "OnAir".

Features

- ▶ Smooth slow or high speed "Camera Operator" like moves.
- ▶ Programmable timed presets start and stop all axes simultaneously.
- ▶ Serial camera control interface for most Sony, Panasonic, Ikegami and Hitachi cameras.
- ▶ Aux Controls interface for optionally available Trolley, Elevating Pedestal, Elevating Wall Mount.
- ▶ Electronic and mechanical field adjustable end stops.
- ▶ Multiprocessor Architecture with Flash Based RISC Servo Controllers

Specifications:

- Pan Travel (Max)**
±150° w/endstops (±200° w/o endstops)
- Tilt Travel (Max)**
Top Mount - 85° Up, 85° Down
Side Mount - 150° Up, 150° Down w/endstops
180° Up, 180° Down w/o endstops
- End Stop Resolution**
Continuous Angular Adjustment
- Max Pan/Tilt Velocity**
35°/sec
- Stopping Accuracy**
± 5 arc mins.

- Operating Modes**
32 Bit Velocity and Positional Servo Control
Preset Position with Multi-axis convergence
- Mounting**
Upright or upside down
- Dynamic Load**
15 lbs. (6.8 kg)
- Dimensions**
Top Mount - 7.4" W x 6.5" H x 6.0" D
Side Mount - 10.8" W x 4.8" H x 6.0" D
- Weight**
9 lbs. (4 kg)
- Input Voltage/Current**
24V DC/800mA (avg. when moving)
to 1.5A peak

Options:

Description	Model	Description	Model Number
Top Mounting Platform	PTO-CP-S2-T	Camera Control (consult factory)	PTO-CP-S2-(HIT, SONY, PAN, IKE)
Side Mounting Platform	PTO-CP-S2-S		

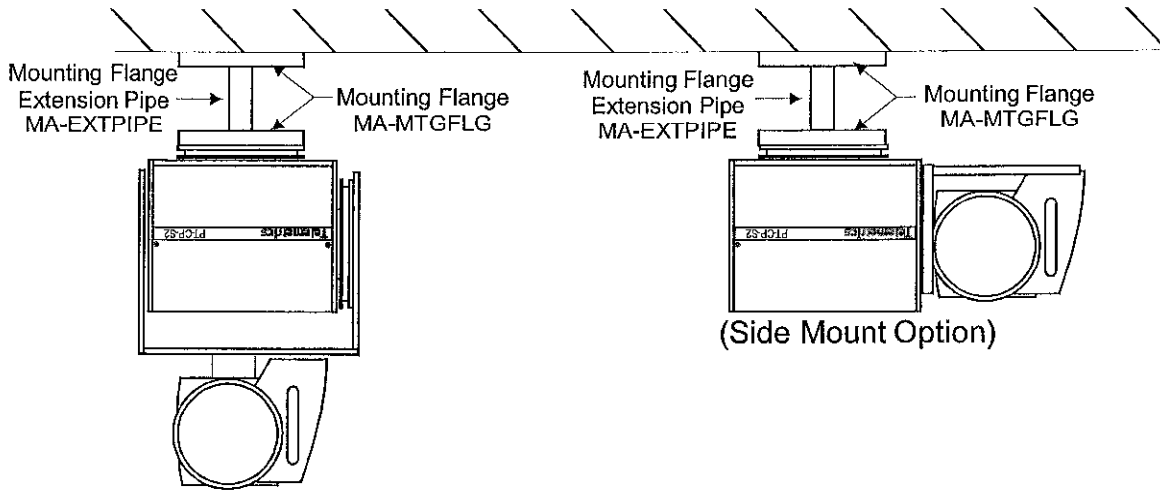
Specifications and features subject to change without notice.

Telemetrics Inc.

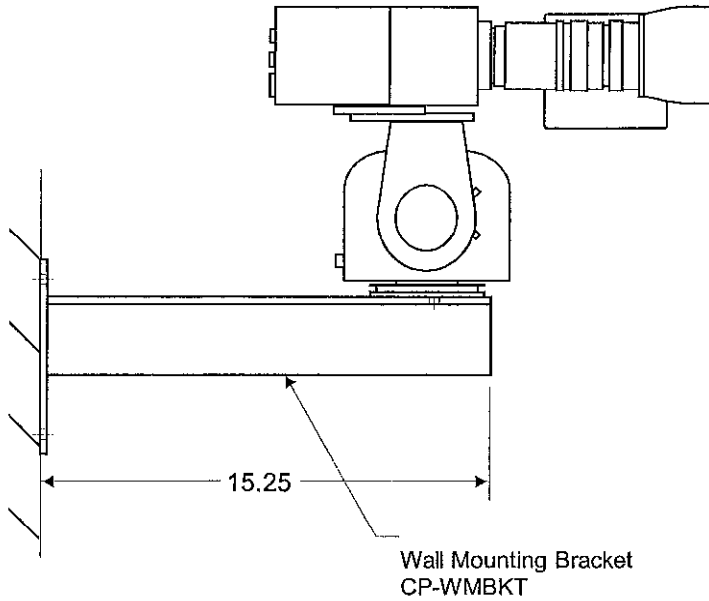
6 Leighton Place
Mahwah, New Jersey, U.S.A. 07430
Phone: (201)848-9818 Fax: (201)848-9819
www.telemetrics.com

Mounting Arrangements

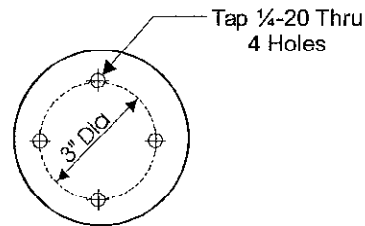
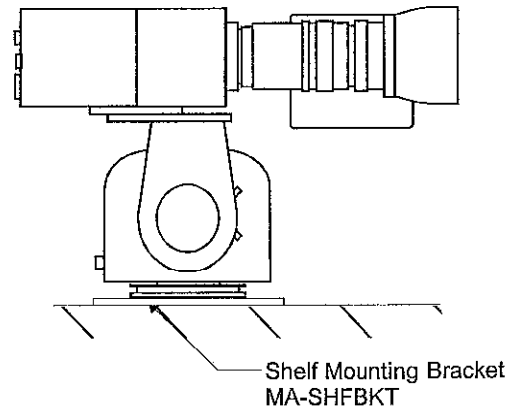
Ceiling Mountings



Wall Mounting



Shelf Mounting



Pan/Tilt Mounting Pattern

Specifications and features subject to change without notice.

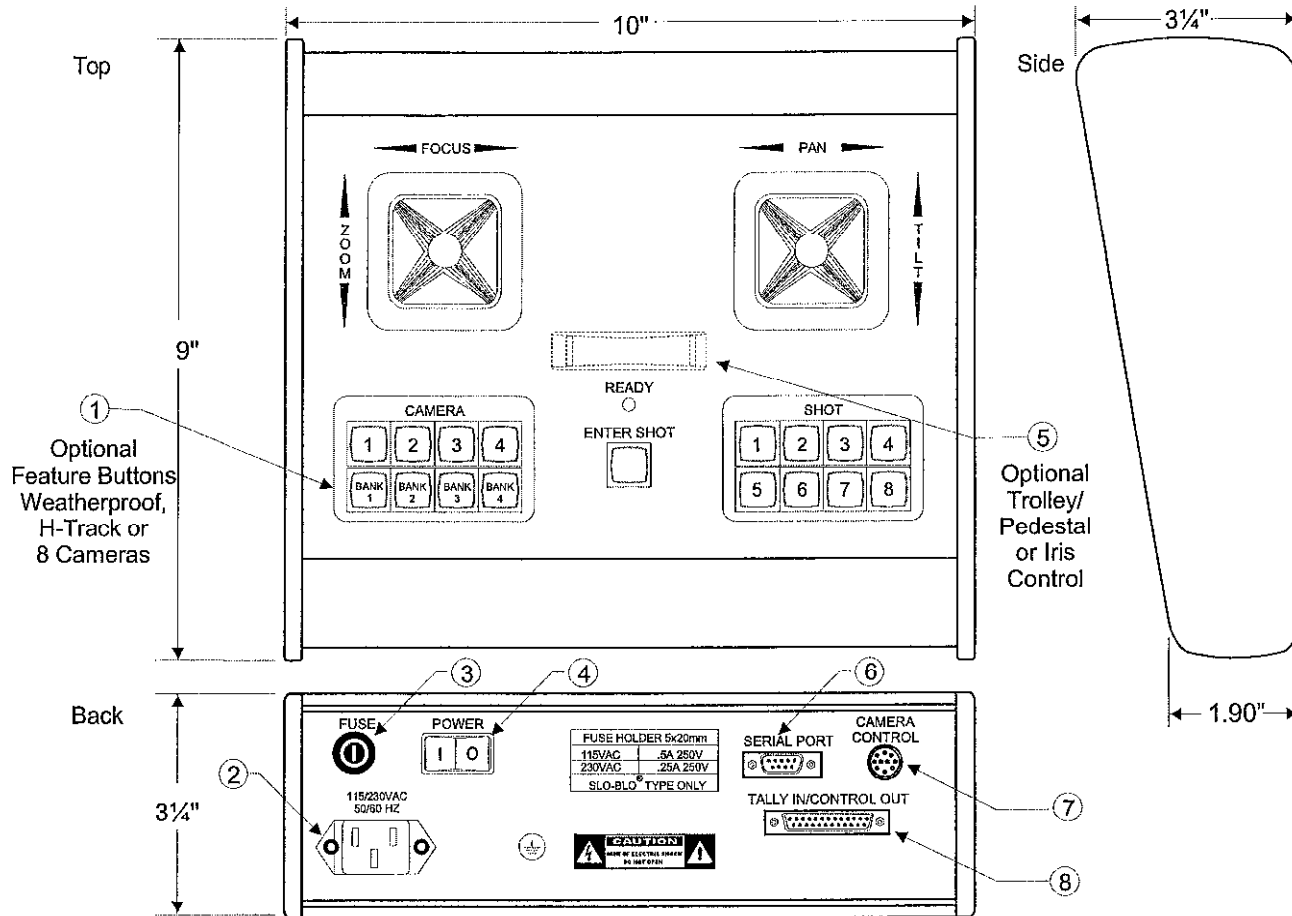
Telemetrics Inc.

6 Leighton Place
Mahwah, New Jersey, U.S.A. 07430
Phone: (201)848-9818 Fax: (201)848-9819
www.telemetrics.com

01/02 printed in U.S.A.

Desktop Robotic Camera Control Panel

CP-D-2A



- | | |
|------------------------|---|
| 1. Feature Buttons | 5. Trolley/Pedestal and/or iris control |
| 2. AC Input Receptacle | 6. Main Serial Port (9D Male Connector) |
| 3. Fuse | 7. Camera Control ROP Connector |
| 4. Power Switch | 8. Tally/Control Connector |

Description:

The Telemetrics CP-D-2A is a desk top control panel that communicates via RS-232/422 to Telemetrics serial pan/tilt heads and serial receiver units. It includes Camera Select buttons 1-4 with proportional joysticks that allow Pan/Tilt and Zoom/Focus control. The panel also allows 32 presettable "shots" P/T/Z/F in 4 banks of 8 to be entered for later recall. Tally contact closure inputs will flash Camera Select buttons on panel. Preview/Program contact closure outputs control video switchers. Optional control functions and four Feature Buttons are available. (CE certified.)

Specifications:

Options:

Communications

RS-232 or RS-422 bi-directional serial port

Proportional Control

Simultaneous control of pan, tilt, zoom, and focus

Preset Control

32 Preset Shots for instant recall on 4 Cameras

Overall Dimensions

10" x 9" x 3 1/4"

Net Weight

5 lbs.

Power

115 VAC-230VAC

Feature Button Options

- Weatherproof controls: Extender, Wiper, Washer, Cam Power
- H-Track Trolley controls: Up/Down, Right/Left
- 8 Camera Select (8 presets per camera)

Trolley/Pedestal Control Option

- Proportional control, Trolley left-right
- Proportional control, Pedestal up-down

Camera Control Option

- Provides camera control functions (ie. Painting, iris control, pedestal, etc.) via manufacturers standard remote operating panel
- Ikegami, Hitachi, Panasonic and Sony
- Contact factory to verify camera/ROP compatibility

Lens Option

- Iris control with Auto/Manual select

Specifications and features subject to change without notice.

Telemetrics Inc.

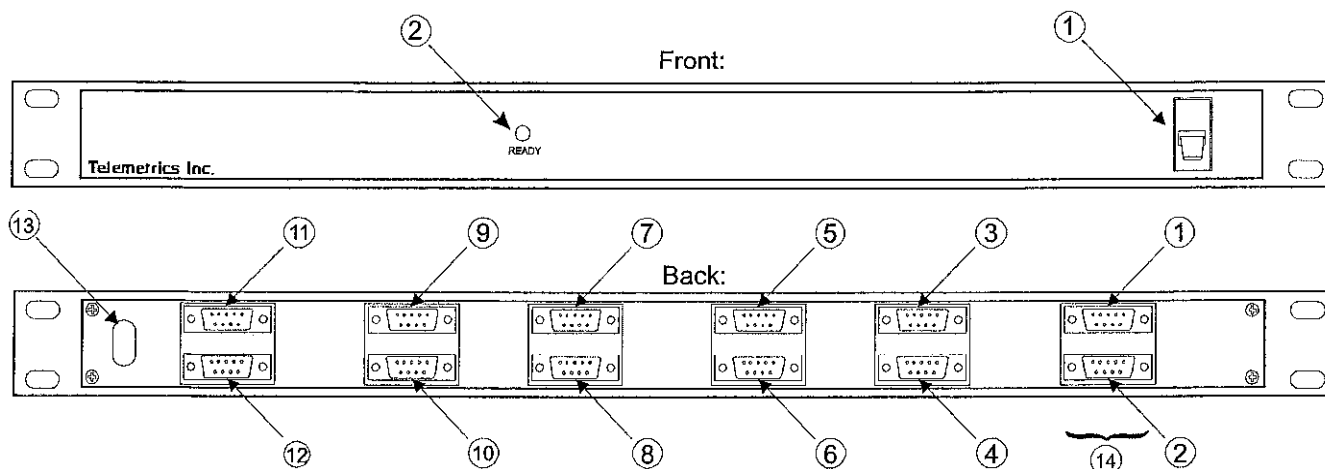
6 Leighton Place

Mahwah, New Jersey, U.S.A. 07430

Phone: (201)848-9818 Fax: (201)848-9819

www.telemetricsinc.com

11/99 printed in U.S.A.



Front:

- 1. AC power switch
- 2. Ready indicator LED shows that system is operating correctly

Back:

- 1-12. Serial communication ports. Port numbers are assigned as labeled.
- 13. 120 VAC power chord.
- 14. Dual serial port card slot.

Description:

The Telemetrics Model TM-ST5 is a remote serial port switcher. The switcher uses a modular card system. Each unit can house six cards. There are two serial ports per card, allowing up to 12 ports. Two types of cards are available, one is configured to communicate with a control panel, the other with a serial receiver. The current transmission protocols are RS-232 and RS-422.

The Serial Transfer Switch acts as a transparent communication path between the control panel and the receiver. The switch allows multiple control panels to share multiple receivers. There are four functions available, switch port, switch port (lock), switch port (unlock), lockout port, and unlock port.

Function	Description
switch port	switch to port
switch port (lock)	switch to port and lock connection
switch port (unlock)	switch to port and unlock connection
lockout port	prevent port from communicating
unlock port	enable port for communicating

Generally control panels will initiate a connection using the switch port commands. If the destination port is currently linked to another port, the link will be broken. The link cannot be broken if it was established using the lock command. A control panel can lock out another control panel using the lock port command. Upon a disconnect the disconnected port will be notified.

Specifications:

Options:

Data Rate

9600 BPS , 8 bits, no parity, 1 stop bit

Number of Ports

12 bi-directional serial ports (6 cards max.)

Overall Dimensions

1 3/4 x 19 x 12 1/2 inches

Net Weight

9 lb.

Power

120 VAC, 15 watts

Description

- Dual RS-232 In
- Dual RS-232 Out
- Dual RS-422 In
- Dual RS-422 Out

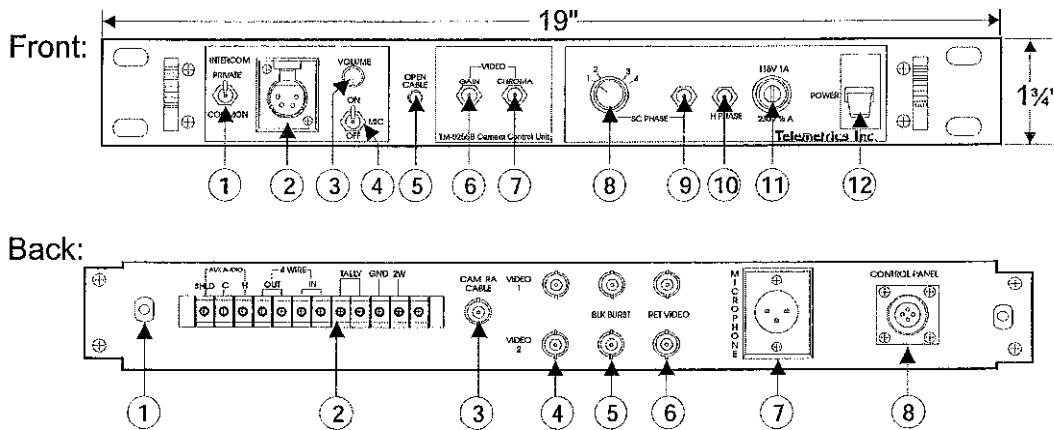
Part Number

- TMO-ST5-232IN
- TMO-ST5-232OUT
- TMO-ST5-422IN
- TMO-ST5-422OUT

Specifications and features subject to change without notice.

The Telemetrics TM-9255B is an affordable camera control system that offers the many advantages of using standard RG-59/U coax cable. These include lower cost, less weight, greater cable flexibility and increased operating distance. Using frequency multiplexing, all the following necessary system signals are transmitted: baseband video from camera, external video to camera, genlock to camera, power to camera, microphone audio from camera, interphone to and from camera, camera control and tally to camera.

Camera Control Unit 55-BS



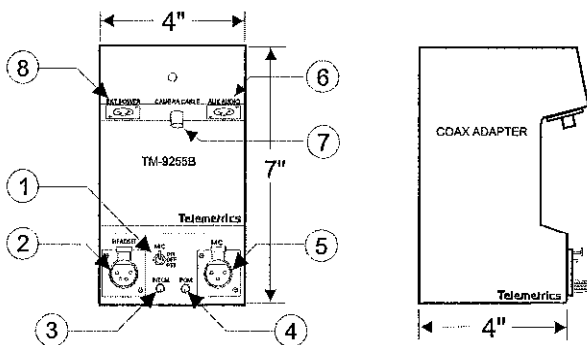
Front:

1. Private/Common switch for 2 wire intercom
2. Intercom headset connector
3. Intercom volume control
4. Intercom Mic ON/OFF switch
5. Open cable indicator
6. Video gain control
7. Chroma gain control
8. Coarse subcarrier control
9. Fine subcarrier control
10. Horizontal phase control
11. Fuse holder
12. Power ON/OFF switch

Back:

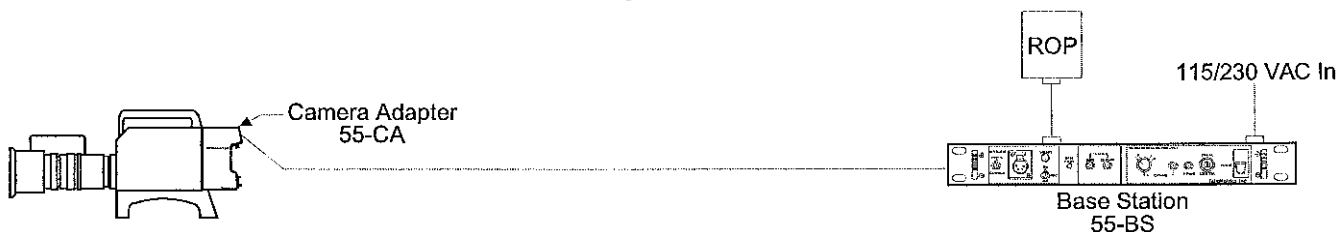
1. AC Power Line Cord
2. Terminal Strip Tb1 for Tally, 2 Wire, 4 Wire Intercom and IFB
3. Input from Camera Adapter
4. Video Outputs 1 and 2
5. Black Burst Input
6. Return Video Input
7. Mic Audio Output
8. Remote Operating Panel Input

Camera Adapter 55-CA



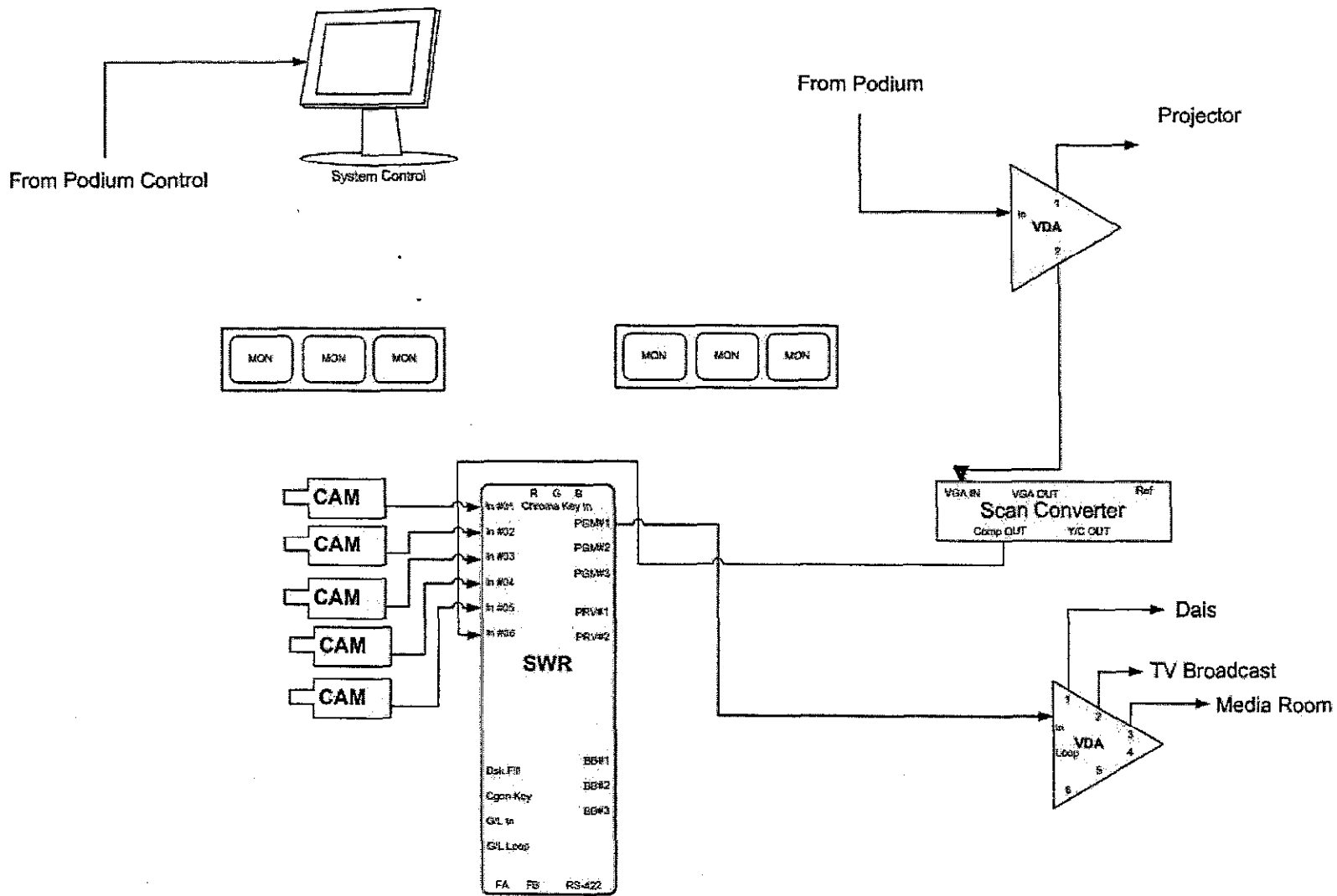
1. Mic On/Off/PTT Switch
2. Headset Connector
3. Intercom Volume Control
4. Volume Control for Program
5. Mic Input Connector
6. Program/IFB Output
7. Camera Cable Input
8. External Power Input

System Hookup



Specifications and features subject to change without notice.

Telemetrics Inc.
 6 Leighton Place
 Mahwah, New Jersey, U.S.A. 07430
 Phone: (201)848-9818 Fax: (201)848-9819



ECHOLab MVS3 WEB SHEET

This is a printable version of all information within the
ECHOLab MVS3
Overview | Key Features | Specifications | Options Sections
www.e-studiolive.com

The ECHOLab MVS3

is an analog switcher designed for small to mid-sized installations that need an easy-to-understand, easy-to-operate control panel. The MVS3 makes studio quality very affordable. It offers 8 to 12 inputs, 1 1/2 M/E's and 2 keyers. Complex effects are created on the full M/E, and the 1/2 provides take controls for easy dissolves or wipes between program and preview. The downstream keyer allows a second level of key to be mixed over the program output.

KEY FEATURES

- Field upgradeable from composite to Y/C to full component
- Digital-upgradeable
- Flexible key bus routing
- Downstream keyer layer with master fade to black
- 39 wipe patterns
- SMPTE Serial Interface (100 Protocol)
- 3 digital color generators
- Non-volatile switcher memory
- 9 panel setup memories
- Compact 3 or 4 rack-unit frames, and 2" (5cm) thick control panels
- NTSC or PAL

SPECIFICATIONS

Overview

- Configurations
 - Composite: 8 inputs, 1 1/2 M/E, 2 keyers
 - Y/C: 8 inputs, 1 1/2 M/E, 2 keyers
 - Component: 8 inputs, 1 1/2 M/E, 2 keyers
- Inputs

Direct Access:	6
Shifted:	4 (optional)
Black and color:	2
Total inputs:	8 (12 optional)

- Optional Chromakeys: 1
- AUX bus outputs: 1
- M/Es: 1 1/2
- Keyers: 2
- Pattern Generators: 1
- Timeline Sequence Memories: 0
- Control panel size 8.75" x 2" x 19"

Electrical

- Differential phase < .5 degree
- Differential gain < .5 percent
- Bandwidth 0.1 dB to 6 MHz, +1/-2 dB to 10 MHz
- Path delay +/- 1 degree
- Absolute delay 100 ns
- Fade linearity .5 %
- Signal-to-noise ratio 65 dB signal to RMS noise
- Power consumption 110/220V - 50/60 Hz Composite 70 watts, Y/C 110 watts, Component 150 watts
- Mechanical dimensions - chassis frame 5.25"H x 17.2"W x 13.5"D (3RU)

Production

- Key inputs
6 key inputs, (labeled KEY 1-5 and CGEN) RGB/YUV chromakey input (optional)
- Colorizers
3 independent, digitally programmable colorizers for background, border and DSK
- Genlock input
Genlock video source, looping impedance
Black burst or composite video, 1v p-p
- Video outputs
1 preview (matching the input format)
2 program (matching the input format)
2 dedicated for monitoring composite preview and program for monitoring
3 composite black burst
- Tally
10 short-to-ground transistor outputs standard
- Data
RS-422 link to edit controller
3 GPI inputs and 2 GP outputs

OPTIONS

Switcher Options:

- Chromakey Generator (YUV or RGB selectable)
- Extender Card
- RGB inputs on component (-3W) models, each (up to 2 available). Requires factory installation.
- Video board for upgrade to Y/C (1 bd) or Component (2 bds). Requires factory installation.
- Memory Expansion
- Looping inputs for -1W (for composite only). Requires factory installation.
- More Inputs, with a shift button, for the MVS3 (from 8 to 12)
- Tally Relay Board (one rack unit)

Service Options:

- Hardware Warranty Extension. Extends the standard hardware warranty for one year. It may be renewed for additional years at the same price. The standard hardware warranty includes one year parts and labor at the factory.

- Operator Training. Cost per day. Listed Price does not include expenses (travel and per diem), which will be determined at the time of order.

UPGRADES

Digital Upgrades:

e-StudioLive provides ECHOLab hardware and software, including digital frame and central panel face plate. Customer returns analog frame and panel face plate.

- MVS3 to 2500
- MVS5 or DV5 to 2500
- MVS6 to 2500

MVS Upgrades:

e-StudioLive provides ECHOLab hardware and software.

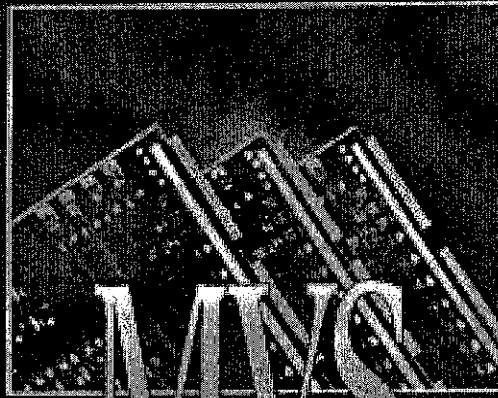
- MVS3 to MVS5 Analog Switcher
- MVS5 to MVS6 Analog Switcher
- MVS8 to MVS9 Analog Switcher

Basic Terms and Warranty:

- HW Warranty: One-year parts and labor at the factory
- All Prices: U.S. Dollars
- Terms: Net 30
- F.O.B.: Chelmsford, Massachusetts USA

Last updated: June 1, 2001

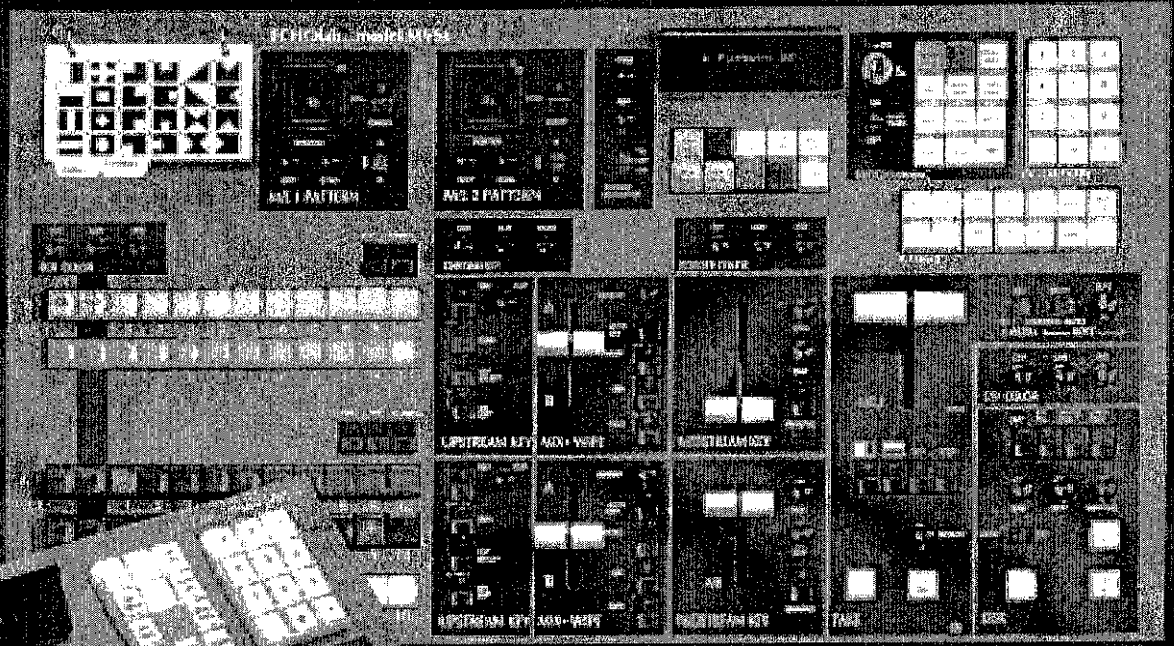
Digital
Upgradeable



MVS

MODULAR VIDEO SWITCHER

Series



MO
TE
CO

MVS
CONCEPT

STUDIO QUALITY VIDEO SWITCHERS



MVS6 Control Panel

The ECHOLab MVS family has an innovative modular design that delivers unprecedented production power and flexibility. You can create many different switchers, by choosing from:

- 3 control panels: MVS3, MVS5, MVS6
- 2 frames: standard and 22 input extended
- 3 formats: composite, Y/C, component

All MVS switchers have as standard features:

- Upgradeable from composite to Y/C, to full component
- Flexible key bus routing
- Downstream keyer layer with master fade to black
- 39 wipe patterns
- 3 digital color generators
- Non-volatile switcher memory
- 9 panel setup memories
- Compact 3 or 4 rack-unit frames, and 2" (5cm) thick control panels
- NTSC or PAL

Options

- Chromakeyer - RGB or YUV
- SMPTE (100) edit interface
- Rotary wipes
- Memory expansion to 99 setups
- RGB \Rightarrow YUV transcoding on inputs 9 and 10 (Component only)
- One AUX bus output
- Extender card service tool
- Tally relay board
- Preview on bottom row
- 12 inputs for the MVS3
- 22 input extended frame for the MVS5 or MVS6, which also add options for dual chromakeyers and up to 3 AUX bus outputs.

Unlimited Growth

This unique modular design gives you an exceptional growth path, for a planned future, free of obsolescence.

Start with the MVS3 and one video board for a powerful composite switcher. Add another video board and upgrade to Y/C. Add a third board for component analog. You can upgrade from the MVS3 to the MVS5 or MVS6 by changing control panels. Or, upgrade to the 22 input frame.

Production Power

Keying is a fundamental requirement for modern production, and the MVS family excels in key quality and flexibility.

All keyers have a flat frequency response to 6 MHz. This performance is essential for accurate reproduction of the fine detail of advanced character generators and computer graphics. Anti-aliased keys are handled perfectly by the MVS keyers, each of which can be adjusted from high-gain to linear.

The MVS key matrix allows any key input (luminance or chroma) to be routed to any keyer on the switcher. The priority of key layers can easily be changed with such an advanced key matrix.

ECHOLab's mix-effects (M/E) produce standard mixes and wipes, and powerful combinations, like wipe to a mix, for spot-lighting, mix to a wipe (preset wipe), wipe-key (key reveal), mix-key, and wipe-key-mix (dissolve to key with mask).

Upgrade any MVS5 switcher from analog to digital, by just swapping the analog frame for an ECHOLab 3000 frame.

Setups are a snapshot of the entire switcher control panel. Complex setups can be stored in memory and accurately recalled. The recall rate determines whether the setup is cut or smoothly transitioned.

Excellent Service

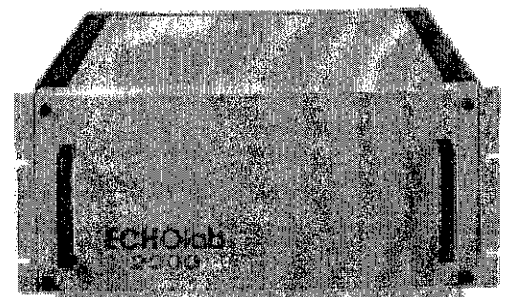
Video professionals in over sixty countries rely on ECHOLab switchers for studio quality. For a quarter century, ECHOLab switchers have delivered rock-solid reliability, complemented by expert service. For ten straight years, our service technicians have resolved over 98% of all customer calls immediately or within one workday.

Digital-Upgradeable

MVS5 switchers are the only digital-upgradeable analog switchers. The control panel already is digital, so upgrading means just swapping the analog frame for an ECHOLab 3000 digital frame. It's easy and affordable.

The ECHOLab 3000 runs high quality 10 bit CCIR-601 digital. It accepts inputs and outputs in several digital formats, as well as all three analog formats, so analog devices still plug in.

Digital-upgradeable provides the ultimate in investment protection, and it's only available from ECHOLab.



The MVS3

The MVS3 is designed for small to mid-sized installations that need an easy-to-understand, easy-to-operate control panel. The MVS3 makes studio quality very affordable.

The MVS3 offers 8-12 inputs, 1 1/2 M/E's and 2 keys. Complex effects are created on the full M/E, and the 1/2 provides take controls for easy dissolves or wipes between program and preview. The downstream keyer allows a second level of key to be mixed over the program output.

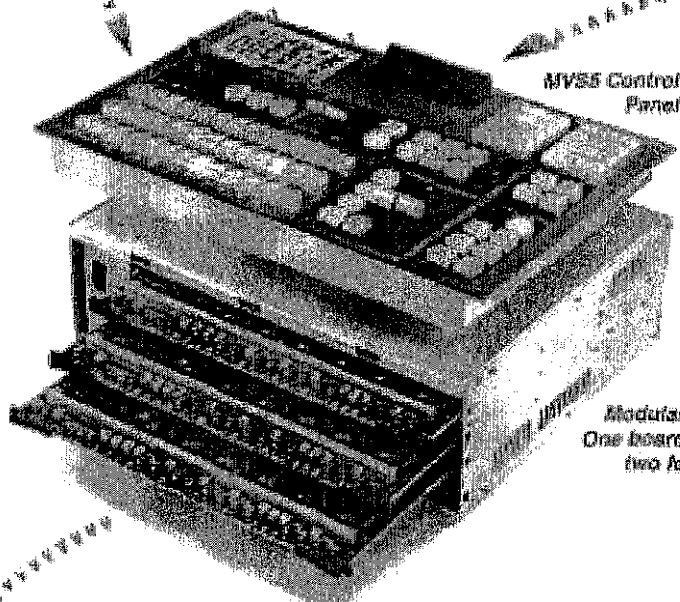
The MVS5

The MVS5 is a full-featured 13-22 input, 1 1/2 M/E switcher. It adds direct access to all inputs, a more complete control set for key, wipe and take functions, and ECHOLab's powerful timeline sequence memory.

The larger control panel is used to provide rapid access to control functions such as key gains, transition rates, and wipe modifiers.

A sequence is a series of setups, recall rates, control operations, and pauses which can be programmed

and later replayed to streamline operation. Sequence playback can be triggered by a front-panel push button or from an editor. Timeline sequence memory controls make it possible to program a moving key mask, or to automate a station break or cut-in.



Modular Analog Frame. One board for composite, two for Y/C and three for component.

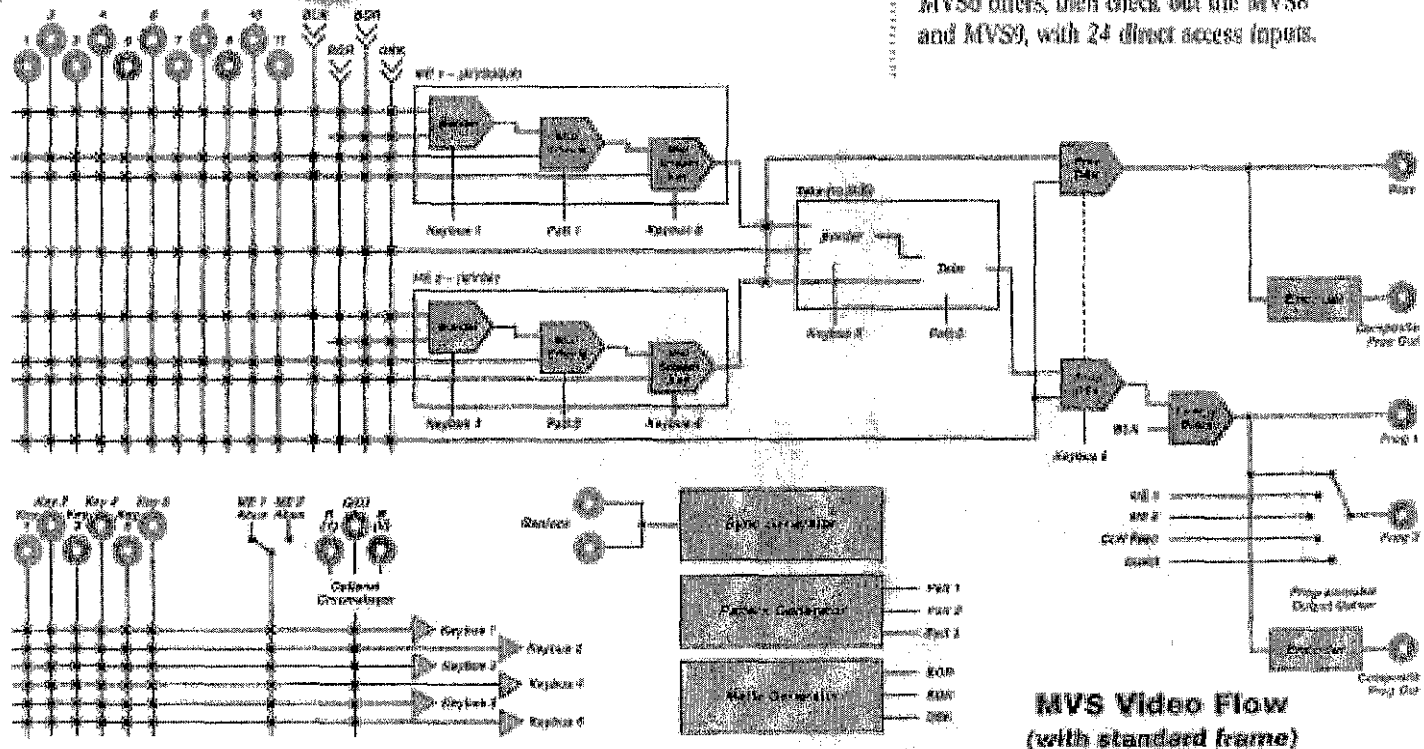
The MVS6

The MVS6 delivers the best price/performance of any leading switcher, thanks to its 2 1/2 M/E's, 13-22 inputs, 5 keys and 10 timeline sequence memories. Its versatile flip/flop architecture excels at both live and post-production.

The midstream key adds a second level of key to each of the two M/E's, enabling a single pass through the MVS6 to produce up to 7 layers of video.

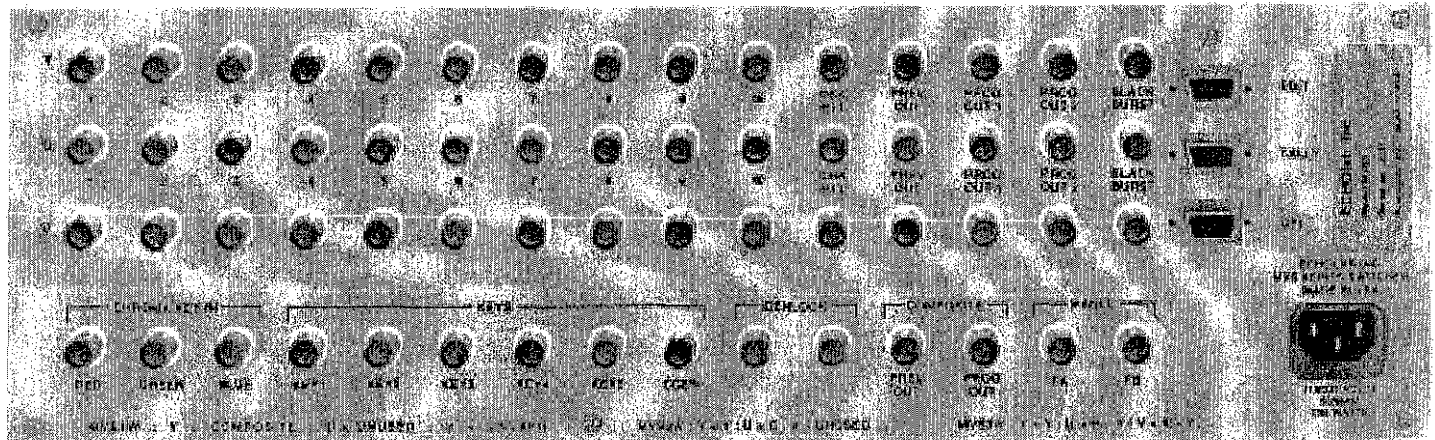
With the MVS6's dedicated sequence controls, sequences can be generated to dynamically swap key priorities with a single button push. This enables complex effects such as a DVE move to intersect the plane of another key layer.

If you need even more power than the MVS6 offers, then check out the MVS8 and MVS9, with 24 direct access inputs.



Back Panel Layout

ECHOLab



Model Specific Specifications

Features	with Standard Frame			with Optional 22 Input Extended Frame	
	MVS3	MVS5	MVS6	MVS6X	MVS6X
Inputs					
Direct Access	6	10	10	10	10
Shifted	4 (optional)	0	1	10	10
Black and color	2	2	2	2	2
Total	8 (12 optional)	12	13	22	22
Optional Chromakeys	1	1	1	2	2
Optional AUX bus outputs	1	1	1	3	3
MVE's	1 1/2	1 1/2	2 1/2		
Keys	2	2	5		
Pattern Generators	1	1 1/2	2 1/2		
Timeline Sequence Memories	0	1 (5 optional)	10		
Control panel size	8.75" x 2" x 19"	12.25" x 2" x 19"	15.25" x 2" x 28"		

Optional Extended Frame

MVS Series Electrical Specifications

Differential phase	< .5 degree
Differential gain	< .5 percent
Bandwidth	0.1 dB to 6 MHz, +1/-2 dB to 10 MHz
Path delay	+/- 1 degree
Absolute delay	100 ns
Crosstalk	> 54 dB at 3.58 MHz
Fade linearity	.5%
Signal-to-noise ratio	65 dB signal to RMS noise
Power consumption	110/220V - 50/60 Hz
	Composite 70 watts, Y/C 110 watts, Component 150 watts
Mechanical dimensions	
- chassis frame	5.25"H x 17.2"W x 13.5"D (3RU)

MVS Series Common Teleproduction Specifications

Key inputs	6 key inputs, (labeled KEY 1-5 and CGEN) RGB/YUV chromakey input (optional)
Colorizers	3 independent, digitally programmable colorizers for background, border and DSK
Genlock input	Genlock video source, looping impedance Black burst or composite video, 1v p-p
Video outputs	1 preview (matching the input format) 2 program (matching the input format) 2 dedicated composite preview and program for monitoring 3 composite black burst
Tally	10 short-to-ground transistor outputs standard
Data	RS-422 link to edit controller 3 GPI inputs and 2 GP outputs

ECHOLab

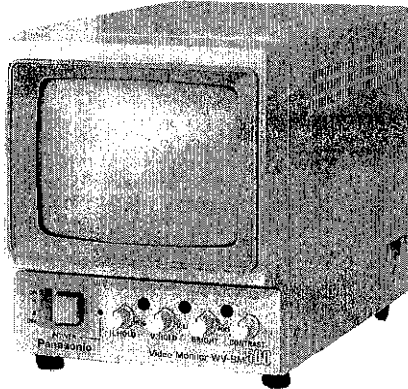
21 Alpha Road, Chelmsford MA 01824

Tel: (978) 250-3334 • Fax: (978) 250-3335

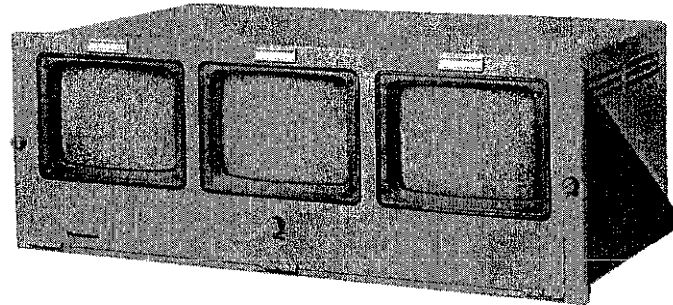
www.echolab.com

Specifications subject to change without notice. © 1999

**WV-BM500/BM503
5" DIAGONAL BLACK-AND-WHITE
VIDEO MONITORS**



WV-BM500



WV-BM503

KEY FEATURES

WV-BM500:

- 700 lines horizontal resolution
- Contrast control
- Focus adjustment
- Brightness control
- Vertical linearity adjustment
- Vertical hold control
- Height adjustment
- Horizontal hold control
- Power indicator

- Power switch
- DC restoration switch
- Video input/output connector
- Sync selector switch
- Sync input/output connector
- AC power cord

WV-BM503:

- Combines three WV-BM500
- Designed for 19" rack-mount



ARCHITECTS' AND ENGINEERS' BID SPECIFICATIONS

WV-BM500

The 5" black-and-white video monitor shall be a Panasonic Model WV-BM500 or equivalent.

The monitor shall feature a 5" screen with horizontal resolution of 700 lines center, video input (loopthrough) and DC restoration (switchable). The monitor shall accept external synchronization (loopthrough). Front controls shall include POWER ON/OFF with power indicator, HORIZONTAL HOLD CONTROL, VERTICAL HOLD CONTROL, BRIGHTNESS CONTROL, CONTRAST CONTROL, recessed screw-type control for HEIGHT ADJUSTMENT, VERTICAL LINEARITY and FOCUS CONTROL. The power source shall be 120VAC, 60Hz. The monitor shall be UL listed.

WV-BM503

The three (3) 5" black-and-white rack-mount video monitor set shall be a Panasonic Model WV-BM503 or equivalent.

The monitor set shall include three (3) Panasonic Model WV-BM500 black-and-white monitors and shall feature 5" screens each with horizontal resolution of 700 lines center, video input (loopthrough) and DC restoration (switchable). The monitor set shall accept external synchronization (loopthrough). Front controls shall include POWER ON/OFF with power indicator, HORIZONTAL HOLD CONTROL, VERTICAL HOLD CONTROL, BRIGHTNESS CONTROL, CONTRAST CONTROL, recessed screw-type control for HEIGHT ADJUSTMENT, VERTICAL LINEARITY and FOCUS CONTROL. It shall be 19" rack-mountable and shall occupy 4 EIA rack height units. The dimensions shall not exceed 6% "H x 18% "W x 10% "D. The power source shall be 120VAC, 60Hz. The monitor shall be UL listed.

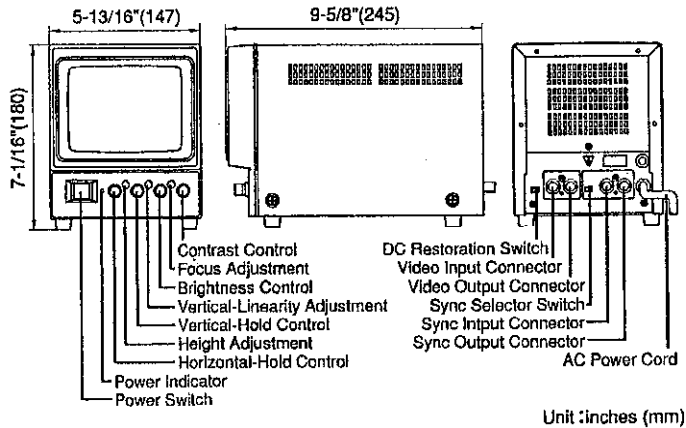
Model No.	WV-BM500	WV-BM503
Power Source	120VAC, 60Hz	120VAC, 60Hz
Power Consumption	14W	42W
Actual Visual Size	5" diagonal	5" diagonal (each)
CRT Size	5 7/8" (14cm) diagonal	5 7/8" (14cm) diagonal (each)
19" Rack-Mount	See WV-BM503	Yes
Video Input	1	3
External Sync	Yes	Yes
Horizontal Resolution (at center)	700 lines	700 lines
Sweep Linearity (less than) (over scan)	5%	5%
Sweep Geometry (less than)	2%	2%
Scanning	Fixed	Fixed
Overscanning	5%	5%
Underscanning	No	No
DC Resoration (switchable)	Yes (Yes)	Yes (Yes)
Ambient Operating Temperature	+14°F ~ +122°F (-10°C ~ +50°C)	+14°F ~ +122°F (-10° ~ +50°C)
Ambient Operating Humidity	Less than 90%	Less than 90%
Dimensions	7 1/8"H x 5 1/8"W x 9 5/8"D (180 x 147 x 245mm)	6 1/8"H x 18 3/8"W x 10 3/8"D (177 x 480 x 263mm)
Weight	5.1 lbs. (2.3kg)	19.8 lbs. (9.0kg)

RACK-MOUNT INFORMATION FOR WV-BM503

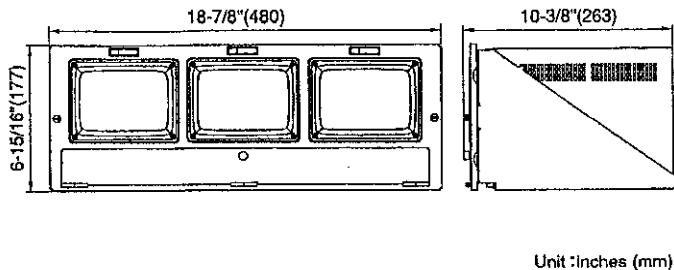
Rack-Mount Accessory Included with the WV-BM503
Rack Height (EIA) Units 4 units
Dimensions 6 1/8"H x 18 3/8"W x 10 3/8"D

Weights and dimensions are approximate.
 Specifications are subject to change without notice.
 These products may be subject to export control regulations.

WV-BM500



WV-BM503



FOCUS

enhancements

superior video technology

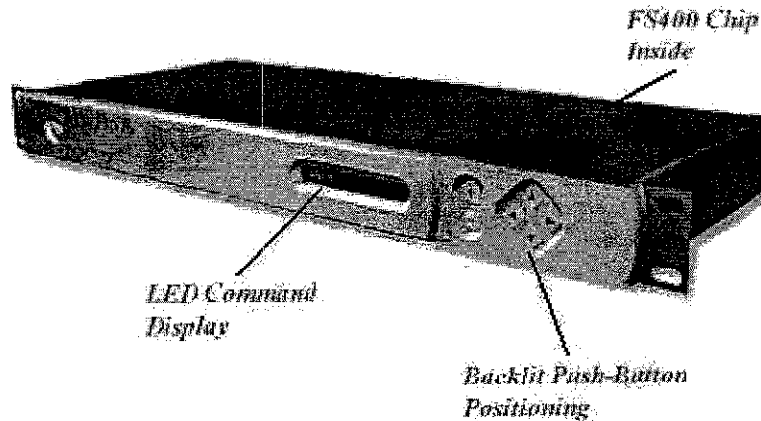
ABOUT FOCUS | CONTACT US

HOME PRODUCTS HOW TO BUY EVENTS SUPPORT PRESS

Info: EDUCATOR RESELLER INVESTOR CAREER DEVELOPER

Pro AV1280 Rack Mount

Professional, Broadcast
Quality Video Conversion
Up to 1280 x 1024



Outstanding Features:

- 7 selectable, 2-dimensional flicker filter settings for crisp, sharp images and text
- Controls for contrast, brightness, and color saturation
- High quality variable zoom
- Automatic resolution detection converts resolutions up to 1280x1024, 92kHz H, 152Hz V
- Horizontal and vertical sizing

COMPATIBILITY



VGA	SVGA	XGA	SXGA
640	800	1024	1280
X	X	X	X
480	600	768	1024

PRODUCT SPECIFICATIONS

Input

Horizontal Range	28kHz-92kHz continuous
Vertical Range	56Hz-152Hz

and positioning to maximize viewable area and eliminate black borders

- Color bar test generator to calibrate color accurately
- Pan and 2x zoom for more detailed presentations
- Full broadcast compatibility
- Genlock capability
- Component, Y/C, and composite outputs and computer pass-through
- Easy control through RS232/422, backlit keypad, or optional IR remote

PRO AV 1280 RACK MOUNT

The Pro AV 1280 is the newest line video scan converter in the Pro AV family of products by FOCUS Enhancements. It offers advanced proprietary technology that gives you the best quality compared to other converters in its class. The Pro AV 1280 is ideal for converting computer images up to 1280x1024 resolution, whether you are recording or viewing the image on an NTSC or PAL monitor, or on other displays such as DLP, LCD, or plasma displays.

The Pro AV 1280 family adds FOCUS Enhancements' proprietary 2D Auto Filter technology which reads the video pixels horizontally and vertically and automatically sharpens the video image for fine font point content. Users can set the flicker filter to toggle through seven application specific settings. Control over all adjustments can be made easily from the backlit keypad controls, an optional IR remote

	continuous, non-interlaced, AutoSync
Synchronization	3 signal: RGB, composite sync on green 4 signal: composite sync on separate wire 5 signal: RGB, separate H and V drive
Signal Levels	RS-343 (0.7Vpp)
Compatible with	IBM PC, Apple, workstations, MAC OS 7 and higher, Windows 95/98, NT 4.0, 2000, ME
Connectors	HD-15 male (computer input)
Internal Data Format	24-bits
Output (all output signals available in NTSC and PAL timing)	
Composite	NTSC: 483 active lines, PAL: 576 active lines
Y/C	S-VHS
Y, R-Y, B-Y	Beta Cam Levels (sync on Y or sync on separate wire)
RGB	4 signal, 0.7 Vpp level, 15.734kHz interlaced

control, or the RS232/422 interface.

With the Pro AV 1280, workstation users (Sun, SGI, HP, IBM, etc.) as well as PC and Mac users can take advantage of cost-effective, broadcast quality scan conversion.

The Pro AV 1280 models are fully broadcast compatible, enabling GenLock to a black burst signal with separately adjustable delay and subcarrier phase. All models convert input from any computer to broadcast quality composite, Y/C, and component video signals.

The Pro AV 1280 is available in two versions; a standard 19" rackmount version or a desktop version.

PRO AV 1280 RACK MOUNT

SKU (US): 444-6250
SKU (EURO): 444-6252
SKU (UK): 444-6254
SKU (AUST): 444-6256

IR Remote Control Optional:
\$45.00

Connectors	Composite female: BNC (RCA), S-Video: Female 4-pin Mini Din, Y, R-Y, B-Y: Female BNC (4 wire)
GenLock Capability	Active video or black burst, separately adjustable delay and subcarrier phase
Computer Pass-Through	
Connector	HD-15 Female
Type	Active Buffered
Signal Levels	RS343, 0.7 Vpp, RGB separate H and V drive
Adjustments	
Contrast	64 Positions
Brightness	256 Positions
Color Saturation	64 Positions
Zoom	Variable to 2x
Pan	Continuous
Horiz. Size/Position	Continuously adjustable
Vertical Size/Position	Continuously adjustable
Flicker Filter	7 Position Selectable
Memory Presets	1 User Definable
Underscan/Overscan	Selectable
NTSC/PAL	Selectable

75ohm Input Termination	Selectable
Freeze Frame	Selectable
Control Interfaces	Backlit LED Display Keyboard, optional Handheld IR remote control, RS-232/422

Configuration Options

Rack Mount	19" x 9" x 1.75", 12 lbs., rackmount ears removable
------------	---

Power Usage

Rack Mount	120V @ 0.25A/240V @ 0.125A
------------	----------------------------

Warranty	Three years
-----------------	-------------

Included

Pro AV 1280 Rack Mount, power cable, User's Manual, all necessary cables.

ABOUT FOCUS CONTACT US
HOME PRODUCTS HOW TO BUY EVENTS SUPPORT PRESS
EDUCATOR RESELLER INVESTOR CAREER DEVELOPER

If you have questions about FOCUS products, contact info@focusinfo.com
If you have technical questions, contact support@focusinfo.com
If you have comments and suggestions on the web site, contact webmaster@focusinfo.com

FOCUS Enhancements, Inc.
1370 Dell Ave.
Campbell, CA 95008 USA
Phone: 408-866-8300 Fax: 408-866-4859



LEE COUNTY
SOUTHWEST FLORIDA

PROJECT NO.: Q-030150

OPEN DATE: JUNE 24, 2003

AND TIME: 2:30 P.M.

MANDATORY

PRE-BID DATE: JUNE 6, 2003

AND TIME: 1:00 P.M.

LOCATION:

3434 HANCOCK BRIDGE PARKWAY
NORTH FORT MYERS, FL 33903

REQUEST FOR QUOTATIONS

(STEP TWO - PRICING)

TITLE:

**A/V EQUIPMENT FOR THE LEE COUNTY
COMMISSION CHAMBERS**

**REQUESTER: LEE COUNTY BOARD OF COUNTY COMMISSIONERS
DIVISION OF PURCHASING**

MAILING ADDRESS

P.O. BOX 398
FORT MYERS, FL 33902-0398

PHYSICAL ADDRESS

3434 HANCOCK BRIDGE PKWY, #307
NORTH FORT MYERS, FL 33903

**BUYER: BOB FRANCESCHINI, C.P.P.B., CPM
PURCHASING AGENT
PHONE NO.: (239) 689-7385**

LEE COUNTY, FLORIDA
PROPOSAL QUOTE FORM
FOR THE PURCHASE OF A/V EQUIPMENT
FOR THE LEE COUNTY COMMISSION CHAMBERS

DATE SUBMITTED: June 20, 2003

VENDOR NAME: ENCORE BROADCAST SALES

TO: The Board of County Commissioners
Lee County
Fort Myers, Florida

Having carefully examined the "General Conditions", and the "Detailed Specifications", all of which are contained herein, the Undersigned proposes to furnish the following which meet these specifications:

The undersigned acknowledges receipt of Addenda numbers:

Addenda #1 & #2

WILL YOU DELIVER WITH YOUR OWN VEHICLES AS OPPOSED TO COMMON CARRIER?

YES X NO _____

GRAND TOTAL COST FOR THE EQUIPMENT AND INSTALLATION AS SPECIFIED:

\$ 165,903.⁷⁰

[Signature]
6/20/03

OPTION A - SERVICE PLAN RATES

ANNUAL COST FOR A SERVICE PLAN AS DETAILED IN STEP ONE OF THIS QUOTATION:

Telephone \$ 750 -
Emergency 24HR \$ 13,350 - PER YEAR

Prescription Mgmt \$ 4,800 -
\$18,900 - /year

TO BE STARTED WITHIN 45-60 CALENDAR DAYS AFTER RECEIPT OF AWARD AND PURCHASE ORDER.

Is your firm interested in being considered for the Local Vendor Preference?

Yes _____ No X

If yes, then read the paragraph entitled "Local Vendor Preference" included in these specifications. Also complete the Local Vendor Preference Questionnaire and return with your quotation.

Quoters should carefully read all the terms and conditions of the specifications. Any representation of deviation or modification to the quote may be grounds to reject the quote.

Are there any modifications to the quote or specifications:

Yes _____ No X

Failure to clearly identify any modifications in the space below or on a separate page may be grounds for the quoter being declared nonresponsive or to have the award of the quote rescinded by the County.

MODIFICATIONS:

Quoter shall submit his/her quote on the County's Proposal Quote Form, including the firm name and authorized signature. Any blank spaces on the Proposal Quote Form, qualifying notes or exceptions, counter offers, lack of required submittals, or signatures, on County's Form may result in the Quoter/Quote being declared non-responsive by the County.

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. NOTE: NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE OR AGENT ARE PERMITTED EITHER WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIAL (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME ENCORE BROADCAST SALES
BY (Printed): Douglas Taylor
BY (Signature): [Signature]
TITLE: Sales Manager
FEDERAL ID # OR S.S.# 59-3081792
ADDRESS: 2104 W Kennedy Blvd.
Tampa, FL. 33606-1535
PHONE NO.: 813-253-2774
FAX NO.: 813-254-5907
CELLULAR PHONE/PAGER NO.: 813-267-2375

LEE COUNTY OCCUPATIONAL LICENSE NUMBER: _____

E-MAIL ADDRESS: dtaylor@encore-encore.com

REVISED: 7/28/00

ATTACHMENT A
LOCAL VENDOR PREFERENCE QUESTIONNAIRE
(LEE COUNTY ORDINANCE NO. 00-10)

Instructions: Please complete either Part A or B whichever is applicable to your firm

PART A: VENDOR'S PRINCIPAL PLACE OF BUSINESS IS LOCATED WITHIN LEE COUNTY (Only complete Part A if your principal place of business is located within the boundaries of Lee County)

1. **What is the physical location of your principal place of business that is located within the boundaries of Lee County, Florida?**

2. **What is the size of this facility (i.e. sales area size, warehouse, storage yard, etc.)**

PART B: VENDOR'S PRINCIPAL PLACE OF BUSINESS IS NOT LOCATED WITHIN LEE COUNTY OR DOES NOT HAVE A PHYSICAL LOCATION WITHIN LEE COUNTY (Please complete this section.)

1. **How many employees are available to service this contract?** 7

2. **Describe the types and amount of equipment you have available to service this contract.**

We are a professional a/v installer
integrated with materials and rental/
loaner equipment that could be used in case
of items that need to be serviced.

LOCAL VENDOR PREFERENCE QUESTIONNAIRE CONTINUED

3. Describe the types and amount of material stock that you have available to service this contract.

Our inventory runs over \$1 million and should be more than adequate to handle an installation of this size.

4. Have you provided goods or services to Lee County on a regular basis for the preceding, consecutive five years?

Yes X No

If yes, please provide your contractual history with Lee County for the past five, consecutive years. Attach additional pages if necessary.

2003 - signed service contract on a/v equipment to maintain proper ^{audio} video levels.
1999 - Present Encore has sold various pieces of equipment to the county, installed the audio system in the chambers & rewired the production room on the 1st floor over the last five years.

MEMORANDUM
FROM

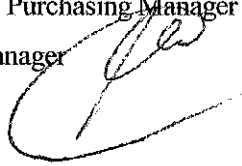
ATTACHMENT 8



LEE COUNTY
SOUTHWEST FLORIDA

Division of Public Resources

Date: July 29, 2003
To: Bob Franceschini, Purchasing Manager
From: Libby Walker, Manager



RE: Formal Quote # Q-030150

Please proceed with a blue sheet on the above quote for A-V Equipment for the County Commission Chambers. Listed below is the information you requested. Once again thank you for your assistance on this project.

Why is this action necessary?

Board approval required

What this Action Accomplishes:

Necessary for replacement of camera and television equipment used for broadcasting and to enhance audiovisual presentations.

Funds are available in:

KD5191515500.50xxxx, and GC5190300100.505~~220~~

Option A

Public Resources does not want to include option "A" on the service agreement and will instead use the current preventive maintenance agreement.

Contingency Funds

Due to the nature of this work and dealing with some unknown factors such as electrical circuitry we are requesting 5% of the project or \$8,295 be granted. If these funds are required they will be drawn from the Cable Franchise Proceeds budget.