



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFC NUMBER  
**DBSM108117**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**SHELLY MURRAY  
 304-558-8801**

VENDOR

**ELECTRONIC SPECIALTY CO.**  
 1325 Dunbar Ave. P.O. Box 400  
 DUNBAR, WEST VIRGINIA 25064  
 (304) 766-6277

SHIP TO

**SCHOOL FOR THE DEAF & BLIND  
 RECEIVING DEPARTMENT  
 301 EAST MAIN STREET  
 ROMNEY, WV  
 26757-1894 304-822-4810**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
06/16/2010				

BID OPENING DATE: **07/22/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		725-55-01-001		
<p>THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA SCHOOLS FOR THE DEAF AND BLIND, IS SOLICITING BIDS FOR VIDEO CONFERENCEING EQUIPMENT PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO SHELLY MURRAY IN THE WEST VIRGINIA PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN AT THE TOP OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT SHELLY.L.MURRAY@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 07/08/2010 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p>						

RECEIVED  
 2010 JUL 22 AM 11:34  
 WV PURCHASING DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>Mad S Murray</i>	TELEPHONE 304-766-6277	DATE 7/22/2010	
TITLE AV Dept. Manager	FEIN 55-045-2548	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS**  
**REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.htm](http://www.state.wv.us/admin/purchase/vrc/hipaa.htm) and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



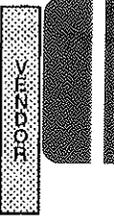
State of West Virginia  
 Department of Administration  
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# Request for Quotation

RFQ NUMBER  
**DBSM108117**

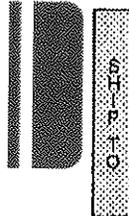
PAGE  
**2**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**SHELLY MURRAY  
 304-558-8801**



## ELECTRONIC SPECIALTY CO.

1325 Dunbar Ave. P.O. Box 400  
 DUNBAR, WEST VIRGINIA 25064  
 (304) 766-6277



SCHOOL FOR THE DEAF & BLIND  
 RECEIVING DEPARTMENT

301 EAST MAIN STREET  
 ROMNEY, WV  
 26757-1894 304-822-4810

DATE PRINTED <b>06/16/2010</b>	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: <b>07/22/2010</b>		BID OPENING TIME <b>01:30PM</b>		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p><b>EXHIBIT 5</b></p> <p>WEST VIRGINIA CODE 21-1D-5 PROVIDES THAT: ANY SOLICITATION FOR A PUBLIC IMPROVEMENT CONSTRUCTION CONTRACT REQUIRES EACH VENDOR THAT SUBMITS A BID FOR THE WORK TO SUBMIT AT THE SAME TIME AN AFFIDAVIT OF COMPLIANCE WITH THE BID. THE ENCLOSED DRUG-FREE WORKPLACE AFFIDAVIT MUST BE SIGNED AND SUBMITTED WITH THE BID AS EVIDENCE OF THE VENDOR'S COMPLIANCE WITH THE PROVISIONS OF ARTICLE 1D, CHAPTER 21 OF THE WEST VIRGINIA CODE. FAILURE TO SUBMIT THE SIGNED DRUG-FREE WORKPLACE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF SUCH BID.</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 60 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR HAMPSHIRE, ROANE, AND GRANT COUNTIES, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p> <p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Mark S. Wood</i>	TELEPHONE 304-766-6277	DATE 7/22/2010
TITLE AV Dept. Manager	FEIN 55-045-2548	ADDRESS CHANGES TO BE NOTED ABOVE

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VENDOR

## ELECTRONIC SPECIALTY CO.

1325 Dunbar Ave. P.O. Box 400  
 DUNBAR, WEST VIRGINIA 25064  
 (304) 766-6277

PROPOSOR

SCHOOL FOR THE DEAF & BLIND  
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 ROMNEY, WV  
 26757-1894 304-822-4810

DATE PRINTED <b>06/16/2010</b>	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
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LINE	QUANTITY	UQP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>( ) BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.</p> <p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.</p> <p>( ) MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>[Signature]</i>	TELEPHONE 304-766-6277	DATE 7/22/2010	
TITLE AV Dept. Manager	FEIN 55-045-2548	ADDRESS CHANGES TO BE NOTED ABOVE	

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ADDRESS CORRESPONDENCE TO ATTENTION OF  
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**304-558-8801**

VENDOR

## ELECTRONIC SPECIALTY CO.

1325 Dunbar Ave. P.O. Box 400  
 DUNBAR, WEST VIRGINIA 25064  
 (304) 766-6277

OFFICE

**SCHOOL FOR THE DEAF & BLIND**  
**RECEIVING DEPARTMENT**

**301 EAST MAIN STREET**  
**ROMNEY, WV**  
**26757-1894 304-822-4810**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
	REV. 11/00					
	EXHIBIT 7					
	DOMESTIC ALUMINUM, GLASS & STEEL IN PUBLIC WORKS PROJECTS.					
	IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES. IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.					
	FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.					
	IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Shelly Murray</i>	TELEPHONE 304-766-6277	DATE 7/22/2010
TITLE AV Dept. Manager	FEIN 55-045-2548	ADDRESS CHANGES TO BE NOTED ABOVE

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VENDOR

## ELECTRONIC SPECIALTY CO.

1325 Dunbar Ave. P.O. Box 400  
 DUNBAR, WEST VIRGINIA 25064  
 (304) 766-6277

BUYER

SCHOOL FOR THE DEAF & BLIND  
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301 EAST MAIN STREET  
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 26757-1894 304-822-4810

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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LINE	QUANTITY	UQP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS. ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE &amp; ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Walter S. Weitzel</i>	TELEPHONE 304-766-6277	DATE 7/22/2010
TITLE AV Dept. Manager	FERN 55-045-2548	ADDRESS CHANGES TO BE NOTED ABOVE

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**SCHOOL FOR THE DEAF & BLIND**  
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DATE PRINTED <b>06/16/2010</b>	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
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<p>THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.</p> <p>REV. 11/96</p> <p>EXHIBIT 10</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NOS.:</p> <p>NO. 1 .....</p> <p>NO. 2 .....</p> <p>NO. 3 .....</p> <p>NO. 4 .....</p> <p>NO. 5 .....</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF TH ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Mark S. Wood</i>	TELEPHONE 304-766-6277	DATE 7/22/2010
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<p>INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p><i>Mark S. Wright</i> .....SIGNATURE</p> <p>.....Electronic Specialty Company.....COMPANY</p> <p>.....7/22/2010.....DATE</p> <p>REV. 11/96</p> <p><b>CONTRACTORS LICENSE</b></p> <p>WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.</p> <p>WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.</p> <p>BIDDER TO COMPLETE:</p> <p>CONTRACTORS NAME: .....Electronic Specialty Company.....</p> <p>CONTRACTORS LICENSE NO.: WV010229.....</p> <p>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF</p>						

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SIGNATURE <i>Mark S. Wright</i>	TELEPHONE 304-766-6277	DATE 7/22/2010	
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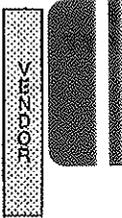
State of West Virginia  
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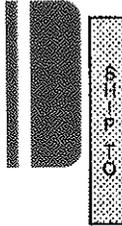
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**ROMNEY, WV**  
**26757-1894 304-822-4810**

DATE PRINTED <b>06/16/2010</b>	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
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BID OPENING DATE: **07/22/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p><b>A PURCHASE ORDER/CONTRACT</b></p> <p><b>APPLICABLE LAW</b></p> <p><b>THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.</b></p> <p><b>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</b></p> <p><b>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</b></p> <p><b>REV. 5/2009</b></p> <p><b>NOTICE</b></p> <p><b>A SIGNED BID MUST BE SUBMITTED TO:</b></p> <p><b>DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25305-0130</b></p> <p><b>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF</b></p>						

SIGNATURE				TELEPHONE <b>304-766-6277</b>		DATE <b>7/22/2010</b>
TITLE <b>AV Dept. Manager</b>		FEIN <b>55-045-2548</b>		ADDRESS CHANGES TO BE NOTED ABOVE		

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



**DBSM108117**  
**REQUEST FOR QUOTATION**  
**West Virginia Schools for the Deaf and Blind (WVSDB)**  
**Videoconferencing Equipment**

**PURPOSE:**

WVSDB is soliciting a Request for Quotation from qualified vendors to provide videoconferencing equipment to WVSDB and 5 other schools that are partners in this project.

**SPECIFICATIONS:**

**Background:**

The West Virginia Schools for the Deaf and Blind want to install a state of the art videoconference system in order to participate in projects with our 5 partners across the state. This will allow our students to participate in numerous 21<sup>st</sup> century educational activities.

**Scope of Work:**

The majority of the videoconferencing equipment will be installed on the campus of WVSDB. Each of our partners will be receiving items 24, 25, 26, 28, 29, 31 and 32 on the list of equipment. This includes the Tandberg Edge 95 or equal, the Natural Presenter package, on-site installation/configuration and the 1 year warranty. These units will be installed at the following locations:

Petersburg Elementary School  
333 Rig Street  
Petersburg, WV 26847

Spencer Elementary School  
85 Clay Road  
Spencer, WV 25276

Geary Elementary Middle School  
9538 Clay Road  
Left Hand, WV 25251

Spencer Middle School  
102 Chapman Avenue  
Spencer, WV 25276

Walton Elementary/Middle School  
90 School Drive  
Walton, WV 25286

This should include all materials, labor and delivery to specified locations, installation by a certified installer, and training.

### Equipment Specification:

The qualified vendor shall provide a quote for the following requested quantity, brand or equal to and equipment equal to.

Below is a listing of the requested items with specifications on the following pages.

Item #	QTY	Manufacturer	Equipment Description	Unit Cost	Extended Co.
1	1	Tandberg	VCS Control Application		
2	1	Tandberg	VCS Control Application 1 yr manufacturer's warranty		
3	1	Tandberg	VCS Expressway Application		
4	1	Tandberg	VCS Expressway Application 1 yr manufacturer's warranty		
5	1	Tandberg	Content Server- 5 recording ports 2 live output		
6	1	Tandberg	Content Server 1 yr manufacturer's warranty		
7	1	Tandberg	TMS Server Appliance		
8	1	Tandberg	TMS Server Appliance 1 yr manufacturer's warranty		
9	1	Tandberg	MCU-4205 12 Port Enterprise MCU		
10	1	Tandberg	MCU-4205 12 Port Enterprise 1 yr manufacturer's warranty		
11	1		On-site Installation & Configuration of MCU-4205		
12	1	Tandberg	3000 MXP Profile- Single 42" WXGA LCD w/ Precision HD camera		
13	1	Tandberg	Tandberg 3000 MXP Natural Presenter Package		
14	1	Tandberg	Wheel base option for 3000 MXP Profile 42"		
15	1		Onsite Installation and Configuration for 3000 MXP		
16	1	Tandberg	3000 MXP Profile- 42" WXGA LCD & camera 1 yr man. warranty		
17	1	Tandberg	HD 6000 MXP Integrator Package		
18	1	Tandberg	HD 6000 MXP Integrator Package 1 yr manufacturers warranty		
19	1	Tandberg	HD 6000 MXP Natural Presenters Package		
20	1		Onsite Installation for the Tandberg HD 6000 MXP		
21	1	Tandberg	W.A.V.E. II camera with 20m cable		
22	1	Tandberg	W.A.V.E. II camera 1 yr manufacturer's warranty		
23	1	Tandberg	T4 Complete Program		
24 *	5	Tandberg	Edge 95		
25 *	5	Tandberg	Edge 95 Natural Presenters Package		
26 *	5	Tandberg	Edge 95 3 year manufacturers warranty		
27			Misc. Cables for WVSDB equipment		
28 *			Misc. Cables for partner locations		
29 *	5		Installation, Configuration and training of all equipment at partners locations		
30	2	Cisco	52" LCD TV and mounts		
31 *	5	Cisco	42" LCD TV		
32 *	5	Cisco	Equipment carts		
33	2	Cisco	Equipment carts		
34			Complete Installation, configuration and training at WVSDB		

**TOTAL** \*See Attached

\* indicates items for partner locations

This should include all materials, labor and delivery to specified locations, installation by A certified installer, and training.

**Equipment Specification:**

The qualified vendor shall provide a quote for the following requested quantity, brand or equal to and equipment equal to.

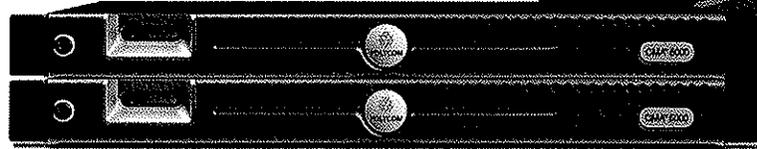
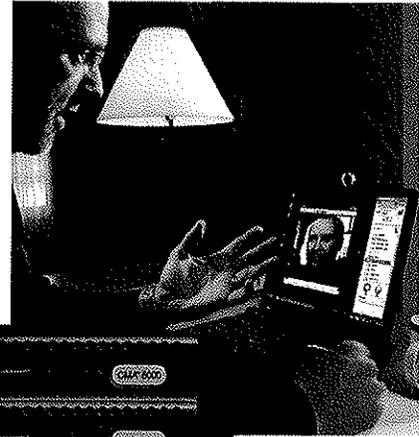
Item #	Manufacturer	Equipment Description	Qty	Unit Cost	Ext. Price
1	Polycom	(2200-77533-000) Converged Management Application Appliance	1	193,800.00	193,800.00
2	Polycom	(2583-23542-001) VBP 6400-E85 Firewall/NAT	1	30,600.00	30,600.00
3	Polycom	(2583-23542-004) VBP 6400-ST85 Firewall/NAT	1	46,200.00	46,200.00
4	Polycom	(VRSS4000S) RSS 4000 5-Port Recording & Streaming Solution	1	15,590.00	15,590.00
5	Polycom	(VRMX2520R) RMX2000 5 HD/20 CIF resource configured & licensed system	1	31,350.00	31,350.00
6	Polycom	(7200-23130-001) HDX 7000-720: HDX 7000 HD codec, EagleEye HD camera.	2	7,525.00	15,050.00
7	Polycom	People and Content Included	2	Included	Included
8	Polycom	(RPS-1000S) AVTEQ Supports one plasma or LCD Screen up to 65"	2	1,824.00	3,648.00
9	Polycom	(LCD4215) NEC 42" LCD Professional Grade Display	2	10,150.00	20,300.00
10	Polycom	(2200-26500-001) HDX 9000-720 HDX 9006 codec w/ mounting ears.	1	11,060.00	11,060.00
11	Polycom	People and Content Included	1	Included	Included
12	Polycom	(8200-23610-001) EagleEye Main Camera	1	2,420.00	2,420.00
13	Polycom	(2215-23327-001) HDX Mica Microphone Array	1	360.00	360.00
14	Polycom	(P521) NEC Commercial Grade 52" Displays	2	2,679.00	5,358.00
15	Polycom	(LTMU) Chief FUSION LCD Tilt Wall Mount, Adjustable	2	199.50	399.00
16	Polycom	(FVS250) Chief Fusion Display Camera Shelf	1	78.00	78.00
17	Polycom	(8200-23610-001) EagleEye Main Camera	1	2,420.00	2,420.00
18	Polycom	(7200-23130-001) HDX 7000-720: HDX7000 HD codec, EagleEye HD Camera	5	7,524.00	37,620.00
19	Polycom	Cables & Connectors	1	1,140.00	1,140.00
20	Polycom	(LCD4215) NEC 42" LCD Professional Grade Display	5	1,016.00	5,080.00
21	Polycom	(RPS-1000S) AVTEQ-Supports (1) plasma or LCD screen up to 65"	5	1,824.00	9,120.00
22	Polycom	(INS-VSG-BASICINSTALL) VSGi Basic Install	8	1,795.63	14,365.00
23	Polycom	(4870-00496-112) VSGi Advanced Replacement, One Year, CMA device with 5000 licenses	1	31,920.00	31,920.00
24	Polycom	(4870-00484-007) Installation Service for CMA 5000	1	31,750.00	31,750.00
25	Polycom	(4870-00121-106) VSGi Advance Replacement, One Year, VBP 6400-E85	1	4,790.00	4,790.00
26	Polycom	(4870-00252-106) VSGi Advance Replacement, One Year, VBP 6400-ST85	1	7,300.00	7,300.00
27	Polycom	(4870-00121-007) Installation Service for VBP 6400 Series	2	5,587.50	11,175.00
28	Polycom	(4870-00650-160) VSGi Advance Replacement, One Year, RSS 4000 5 Port Solution	1	2,450.00	2,450.00

29	Polycom	(4870-00650-007) Installation Service for RSS 4000 Series Solution	1	4,500.00	4,500.00
30	Polycom	(4870-00280-160) VSGi Advance Replacement, One Year, RMX 2000, 5 HD/20 CIF base IP System	1	5,530.00	5,530.00
31	Polycom	(4870-00280-004) Installation Service for RMX 2000 5 HD/20 CIF System Series Solution	1	2,820.00	2,820.00
32	Polycom	(4870-00262-156) VSGi Advance Replacement, One Year, HDX 9000 Series	1	2,280.00	2,280.00
33	Polycom	VSGi Advance Replacement, One Year, for EagleEye Camera	2	171.00	342.00
34	Polycom	VSGi Education Program Training 2 Days	1	1,650.00	1,650.00
35	Polycom	(4870-00408-336) VSGi Advance Replacement, Three Year, HDX 7000 Series	7	2,414.29	16,900.03

**\$ 569,365.03**

**TOTAL** \_\_\_\_\_

# ▶ Polycom® Converged Management Application™ (CMA™) 5000



## Enterprise-wide Video Conference and Management Solution.

The Polycom Converged Management Application (CMA) manages and delivers real-time video conferencing throughout the enterprise. With Polycom CMA, organizations can video-enable personal workspaces, desktops, conference rooms, and mobile devices using a single highly scalable application. The enterprise benefits from improved communication that speeds decision making and seamlessly extends the power of video to all parts of the organization.

At the core of the solution is the Polycom CMA Server, a standards-based management application enabling large scale directory services, central provisioning, and management for thousands of video endpoints, including both high definition telepresence and legacy video conferencing systems. The benefit to IT management includes faster and simpler deployments, centralized control of video assets, and widescale turnkey updates.

### **Easily Connect to Anyone, Anywhere.**

The Polycom CMA Desktop is a PC-based application that enables high quality video and voice communication and standards-based content sharing. Easy to learn and highly intuitive, the Polycom CMA Desktop allows enterprise users to simply point and click to collaborate with colleagues over video any place, any time. Integrated presence-awareness allows users to verify contact availability and status, and seamless LDAP directory integration both simplifies management and ensures contact list accuracy.

Centrally managed and distributed through the Polycom CMA Server, Polycom CMA Desktop clients are managed within the same video ecosystem as telepresence and traditional video conferencing systems, providing a powerful solution that spans all video client environments. Polycom CMA Desktop clients are included as a component to the Polycom CMA Server, with licensing based on the industry-recognized CAL (Client Access License) deployment model. Polycom CMA can support up to 5000 registered clients, including a mixture of Polycom CMA Desktop, telepresence, and traditional video conferencing systems.

### **Find Out More.**

Learn what a Polycom CMA conference and management solution can do for your organization. Visit us at [www.polycom.com](http://www.polycom.com) or contact your Polycom representative.

### **Benefits**

- ▶ Enterprise Scale Directory – Integration with existing corporate directories, up to 5000 registered endpoints
- ▶ Centralized Deployment and Provisioning – Personal and room-based clients with feature sets, call speeds, and call quality
- ▶ Highly-secure – IT-based standards for signaling, media and authentication
- ▶ Supports Existing Systems – Seamless interoperability with existing telepresence or legacy video conferencing systems
- ▶ Industry Standard Design – Investment protection, with industry standards including H.323, LDAP/H.350, XMPP, NTLMv2 and XML

# ► Polycom CMA 5000 Specifications

## Software Specifications

### Network Infrastructure Protocols

- H.323
- LDAP/H.350
- XMPP
- HTTPS/XML Provisioning
- AES – Media encryption
- TLS – Security
- Polycom Lost Packet Recovery™ (LPR™) for QoS

### System Capacities and Licensing

- 500 – 5000 seats

The Polycom CMA seat capacity scales from 500 to 5,000 devices depending on the model selected. The entry-level platform comes preconfigured with a baseline capacity of 500 CAL (Client Access Licenses). Additional licensing is offered in the following expansion license pack sizes: 100/500/1000. When applied to the system and expansion license pack augments the device license count. For example, applying a 100-device expansion license pack to a baseline system will yield a total license count of 600 concurrent licenses. Where applicable, the number of concurrent calls supported by CMA is derived from the number of device licenses with 30% or 60% of total device license depending on Routed vs. Direct mode. As an example a system licensed for 5000 devices supports up to 1500 concurrent calls in Routed Mode and up to 3000 calls in Direct Mode.

## Hardware Specifications

### Appliance

- Form Factor: 1U Rack-mountable chassis
- 30" (76.2cm) D x 19" (48.26cm) W x 1.69" (4.29cm) H with bezel attached
- Rack Weight 39 lbs (17.69 Kg), maximum configuration
- AC configuration with standard single or redundant 750W hot-plug auto-switching universal 110/220V AC power supplies
- Proc: 2x Intel 5140 DC 2.33 or better
- RAM: 4GB 667mhz or better
- HDD: 2x 72gb 15,000rpm, running in a raid 1 configuration
- Power: 2x Power supplies (Redundant conf.)
- Drives: CD/DVD Reader
- Other: USB 2.0 compatible ports, 3x 10/100/1000 Ethernet cards
- Rack: Rack Mounting Rail options
- Appearance: Polycom Productized Face plate or bezel

## Environmental

- Temperature –  
Operating: 10° C to 35° C (50° F to 95° F)  
Storage: -40° C to 65° C (-40° F to 149° F)
- Relative Humidity (non-condensing) –  
Operating (twmax=29C): 20% to 80%  
Storage (twmax=38C): 5% to 95%  
Maximum Humidity Gradient: 10% per hour, operational and non-operational conditions
- Vibration –  
Operating: 0.26G at 5Hz to 350Hz for 2 min.  
Storage: 1.54Grms Random Vibration at 10Hz to 250Hz for 15 minutes
- Shock –  
Operating: 1 pulse of 41G for up to 2ms  
Storage: 6 pulses of 71G for up to 2ms
- Altitude –  
Operating: -16m to 3,048m (-50—10,000 ft)  
Storage: -16m to 10,600m (-50—35,000 ft)

## Regulatory Compliance

FCC (U.S. only) Class A, ICES (Canada) Class A, CE Mark (EN 55022 Class A, EN55024, EN61000-3-2, EN61000-3-3), VCCI (Japan) Class A, BSMI (Taiwan) Class A, C-Tick (Australia/New Zealand) Class A, SABS (South Africa) Class A, CCC (China) Class A, MIC (Korea) Class A, UL 60950-1, CAN/CSA C22.2 No. 60950-1, EN 60950-1, IEC 60950-1

## Other Requirements

- OEM/Version Windows Server 2003 (included on server)
- Microsoft SQL Server 2005 (Optional External DB)
- Microsoft Active Directory 2003 (Optional)
- Windows 2000/Windows XP/Windows Vista
- Microsoft Internet Explorer® 6.x or higher
- Adobe® Flash® Player version 9.0 or higher

## Polycom CMA Desktop –

### PC Software Requirements

- Supported Microsoft PC Operating Systems: Windows XP with SP2 or greater  
Windows XP Professional – 32 bit  
Windows Vista, Microsoft Windows Vista SP1  
Windows Vista Enterprise  
Windows Vista Business
- DirectX 9.0b or 10.0 compatible adapter
- Client Supported Languages: English, French, German, International Spanish, Simplified Chinese, Korean, Japanese

## Polycom CMA Desktop –

### PC Hardware Requirements

- Basic (up to QVGA):  
1.5 GHz P4, 1.2 GHz Pentium M or higher

- Standard (up to CIF, People+Content):  
2.0 GHz P4, Pentium M 1.4GHz
- Premium (up to VGA, People+Content):  
3.2 GHz Pentium, Pentium M 2.0 GHz
- HD (up to 720p receive only):  
Core Duo 2.0 GHz
- RAM: XP – 1GB, Vista – 2GB
- Storage: 30MB
- 256 MB video RAM recommended for Vista
- Display: XGA, 16-bit color or higher

*Results based on test scenarios; actual performance may vary based on software or hardware configurations.*

## Video Standards & Protocols

### Video

- H.261, H.263, H.263+, H.264
- Multiple Monitor Support (must be supported by PC video card)
- Picture-In-Picture (PIP)
- Video-only mode with Tool bar operation
- Brightness control — automatic or manual adjustment (provided by USB camera)

### Audio

- 14kHz with Polycom Siren™ 14
- 7kHz with G.722, G.722.1
- 3.4kHz with G.711, G.728, G.729A
- Full Duplex Audio
- Echo Cancellation
- Automatic Gain Control (AGC)

## Other ITU-Supported Standards

- H.224/H.281 far-end camera control
- H.225, H.245, H.241
- H.239 dual stream
- H.460 NAT/firewall traversal

## Supported USB Cameras

- USB 2.0 Web Cameras: Microsoft Lifecam VX 6000, Logitech QuickCam Pro 9000, Logitech QuickCam Notebooks Pro, Global-Media IREZ K2

## Supported Audio Devices

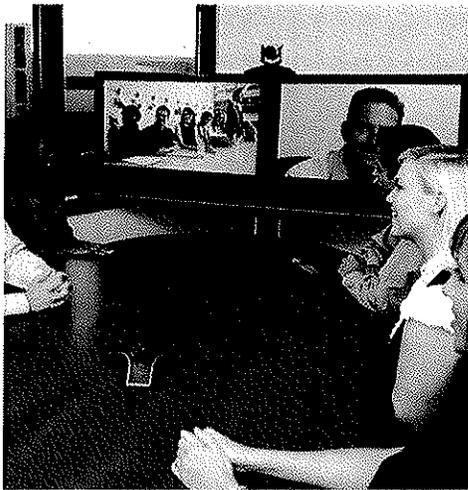
- Global Media AMH-300V Headset, Plantronics DSP-400 USB Headset, Clear One Chat 50, Polycom Communicator™ (Microsoft Windows XP only), Logitech Quickcall speakerphone

## Technical Documentation

Award-winning documentation for setting up, maintaining, and using the system available at [www.polycom.com/videodocumentation](http://www.polycom.com/videodocumentation). For the latest interoperability list, go to: [http://www.polycom.com/support/network/management\\_scheduling/cma\\_4000\\_5000.html](http://www.polycom.com/support/network/management_scheduling/cma_4000_5000.html)

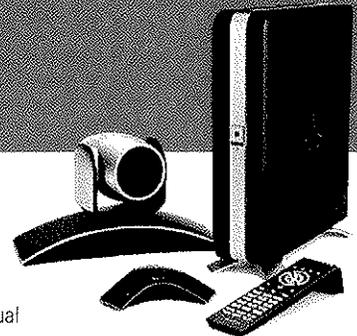
**Polycom Worldwide Headquarters**  
4750 Willow Road, Pleasanton, CA 94588  
1.800.POLYCOM or +1.925.924.6000  
[www.polycom.com](http://www.polycom.com)





## Polycom® HDX 7000™ Series

High Definition Quality for the  
Standard Conference Room



### Benefits

**High definition video** – Natural communication in 1280 x 720, with exceptional resolution even at lower data rates

**High definition voice** – Polycom Siren™ 22 and Polycom StereoSurround, offering superior audio performance

**High definition content sharing** – Enables graphic, presentation, and rich media content sharing with HD or any other video conferencing system and non-HD systems through People+Content and People+Content IP

**Embedded multipoint** – Optional 4-way embedded multipoint bridge allows for greater flexibility and participation

**Flexible connectivity** – Optional interfaces allow for easy access to your BRI, PRI or V.35 network

**Key element of a total Polycom video solution** – Seamless integration with the Polycom RMX 2000™ conference platform, Polycom ReadManager® SE 200 management and scheduling application, Polycom Video Media Center™ – VMC 1000 content management and multi-casting solution, and Polycom RSS™ 2000 recording and streaming server.

The Polycom HDX 7000 series provides flexible, affordable HD video conferencing for high-quality communication throughout mainstream workplace environments. Expanding the utility of visual communications quickly and easily, the HDX 7000 series is ideal for education, medical, enterprise, and on-demand collaboration applications.

### Enhancing collaboration with HD technology

Intuitive interfaces allow users to quickly adopt and use the HDX 7000 system, while a variety of bundle options enable the HDX 7000 series to be wall mounted, free standing, or easily wheeled to any location to accommodate video conferencing in any room. With embedded multipoint and content sharing capabilities, the HDX 7000 series allows individuals to collaborate in HD detail on content such as diagrams, project plans, multimedia presentations, and more.

Leveraging Polycom's renowned quality and designed to High Definition (HD) standards, the HDX 7000 series utilizes features such as Polycom HD Voice™ technology to deliver patented, crystal clear audio, and Polycom StereoSurround™ audio to separate room sounds into left and right channels to deliver physical-sense spatiality to opposite-end participants.

For rich media group presentations, the HDX 7000 series displays dynamic content and data in HD to enhance collaboration and audience participation. With Polycom People+Content™ collaboration technology, users can share presentations and live video simultaneously, allowing conference participants to interact naturally and dynamically.

### Make Great Things Happen With the Polycom HDX 7000 Series

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in voice, video, data and Web solutions, our award-winning conference technology makes it easy for people to interact and maximize productivity – over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide use and prefer Polycom conferencing solutions. Because when people work together, great things happen. See how you too, can achieve great things with the Polycom HDX 7000 series.

# Polycom HDX 7000 Specifications

## Models Available

- HDX 7001™ & 7002™ (includes EagleEye™ camera, codec, microphone array, cables and remote control)
- XL Package (includes People+Content and 2nd monitor)
- XLP Package (includes People+Content, 2nd monitor MPPlus and 4 Mbps line rate)

## Video Standards and Protocols

- H.264
- H.263++
- H.261
- H.239 / People+Content
- H.263 & H.264 Video Error Concealment

## People Video Resolution

- 720p, 30fps at 1 Mbps–2 Mbps (7002)
- 4SIF (704 x 480)/4CIF (704 x 576) at 256 Kbps–2 Mbps
- SIF (352 x 240), CIF (352 x 288)
- QSIF (176 x 120), QCIF (176 x 144)

## Content Video Resolution

- Up to 720p (7002)
- Input: SXGA (1280x1024), XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480)
- Output: XGA (1024x768), SVGA (800x600)

## Camera

- Polycom EagleEye Camera
  - 1280 x 720p CCD imager
  - 12X optical zoom
  - 72deg FOV at min zoom
  - +/- 100 deg pan range
  - +20/-30 deg tilt range
  - Output formats: SMPTE 298M 1280 x 720p, 50/60 FPS

## Audio Standards and Protocols

- Polycom StereoSurround
- 22 kHz bandwidth with Polycom Siren™ 22
- 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A
- Automatic Gain Control
- Automatic Noise Suppression
- Keyboard Noise Reduction
- Live Music Mode
- Instant Adaptation Echo Cancellation
- Audio Error Concealment

## Other ITU-Supported Standards

- H.221 communications
- H.224/H.281 far-end camera control
- H.323 Annex Q far-end camera control
- H.225, H.245, H.241, H.331
- H.239 dual stream
- H.231 in multipoint calls
- H.243 chair control
- H.460 NAT/firewall traversal
- BONDING, Mode 1

## Network

- iPriority™ for QoS
- interfaces
  - 2-port 10/100 auto NIC switch, RJ45 connectors
- H.323 up to 4 Mbps
- Loss Packet Recovery
  - LPR™ for QoS
  - Reconfigurable MTU size (IP only)
- SIP up to 2 Mbps
- H.320 (Optional)
  - ISDN Quad BRI
  - ISDN PRI T1 or E1
  - Serial (RS449, V.35, RS 530) up to 2 Mbps
  - Auto SPID detection and line number configuration

## User Interface

- COD (PathNavigator™ Conference on Demand)
- Directory Services
- System Management
  - Web-based
  - SNMP
  - GMS
- CDR
- International languages (16)

## Security

- Secure Web
- Secure Telnet
- Security mode
- Embedded AES FIPS 197, H.235V3 and H.233/234
- Secure password authentication

## Options

- People+Content
- H.320 Network Interfaces
- MPPlus software for up to 4 sites
- 2nd Monitor

- Network Interfaces Modules
- 4 Mbps data rate (multipoint only)

## Electrical

- Auto sensing power supply
- Typical operating voltage/power 189VA @ 115V @ 60 Hz @ .67 PF
- Typical operating voltage/power 192VA @ 230V @ 60 Hz @ .66 PF
- Typical operating voltage/power 196VA @ 230V @ 50 Hz @ .65 PF

These numbers were empirically collected under TYPICAL operating conditions. No attempt was made to force max power consumption. Voltages and currents are RMS. Power units are Volt-Amp.

## Environmental Specification

- Operating Temperature: 0-40°C
- Operating Humidity: 10-80%
- Non-Operating Temperature: -40 o -70o C
- Non-Operating Humidity (Non-condensing): 10-90%
- Maximum altitude: 10,000 feet

## Physical Characteristics

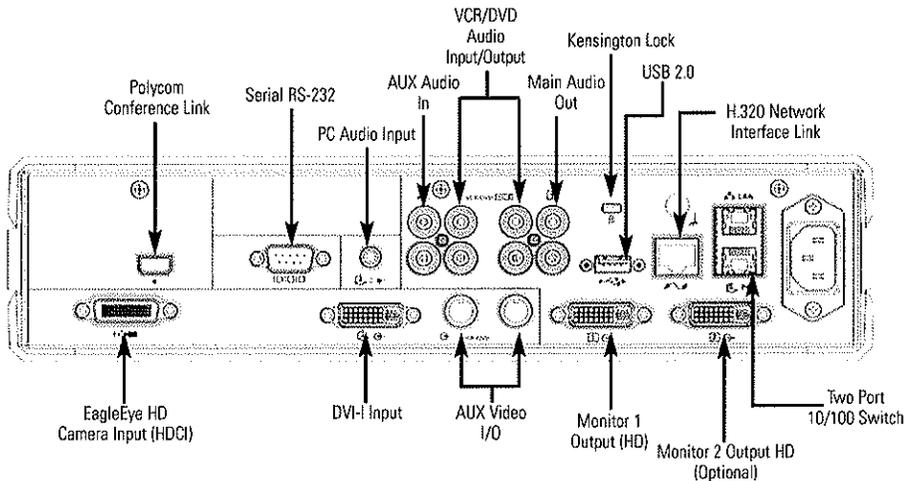
- HDX 7000 Base Box with removable stand - 13.87" (H) x 5.08" (W) x 11" (D)

## Warranty

- One-year return to factory parts and labor
- 90-day software warranty

## Technical Documentation

- Documentation for setting up, maintaining, and using the system, available at [www.polycom.com/videodocumentation](http://www.polycom.com/videodocumentation)



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### Polycom Headquarters:

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For North America, Latin America and Caribbean (T) +1.925.924.6000, (F) +1.925.924.6100

### Polycom EMEA:

270 Bath Road, Slough, Berkshire SL1 4DX, (T) +44 (0)1753 723000, (F) +44 (0)1753 723010

### Polycom Asia Pacific:

8 Shenton Way, #11-01, Singapore 068811 (T) +65 6389.9200, (F) +65.6323.3022

Part No. 3726-47146-001 Rev. 1/08



# Video Border Proxy Options



## Polycom VBP E "Application Layer GW" for Off-Net Dialing

Models:	Bandwidth
VBP 200 EW	1 Mbps
VBP 4350 E	3 Mbps
VBP 5300 E	10 or 25 Mbps
VBP 6400 E	85 Mbps

VBP E provides the ability to make off net calls to and from unregistered video devices (Not registered to your corporate gatekeeper).

## Polycom VBP ST "Access Proxy" for Internal Dialing

Models:	Bandwidth
VBP 5300 ST	10 or 25 Mbps
VBP 6400 ST	85 Mbps

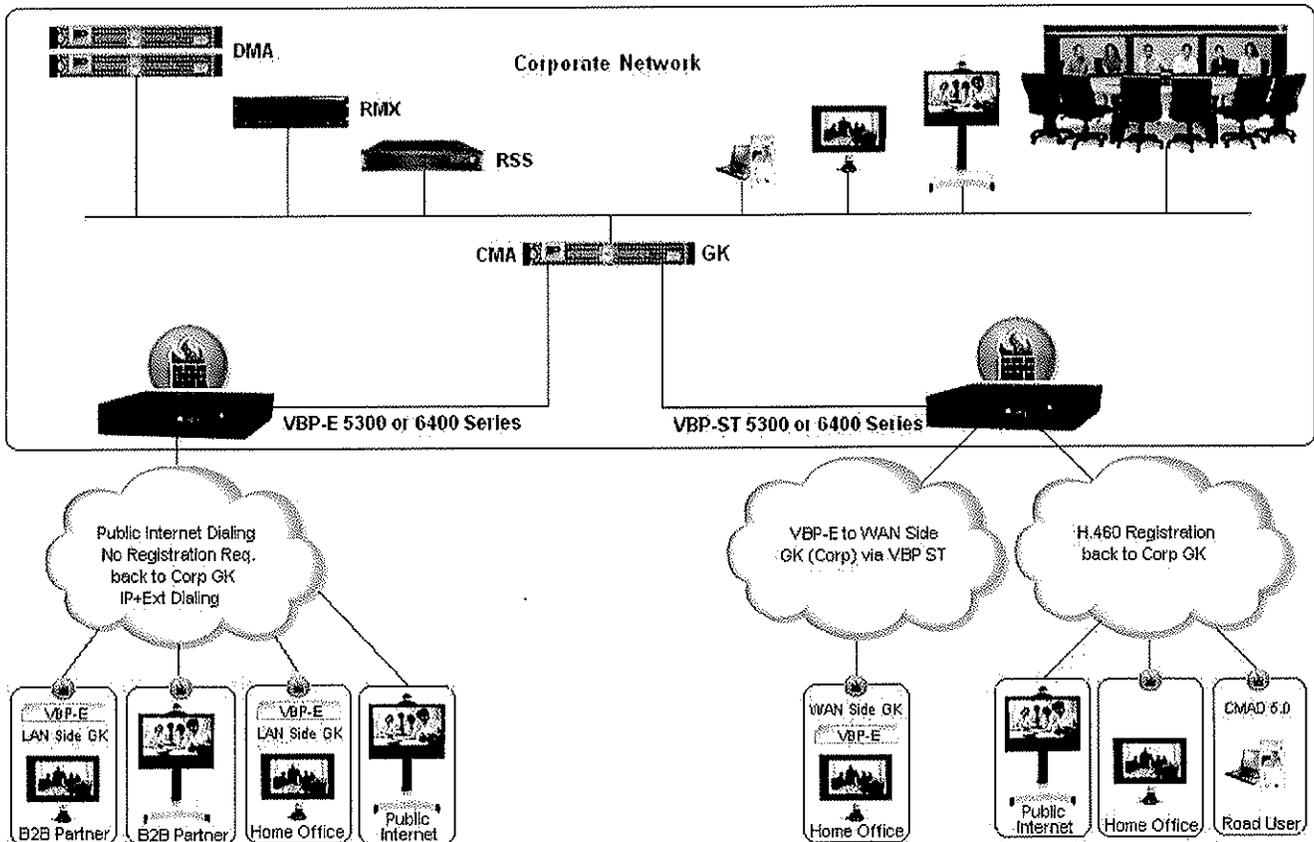
VBP ST allows registration back to the corporate gatekeeper. The Access Proxy forwards all registrations to the internal corporate gatekeeper. Registered video devices can be dialed using E.164 alias extensions. A VBP E is required to dial off net to non-registered devices

Deployment Options: VBP E Only

VBP E & ST

VBP ST Only

### Generic Deployment Examples:



B2B Partner, Home Office with VBP-E or Public Internet

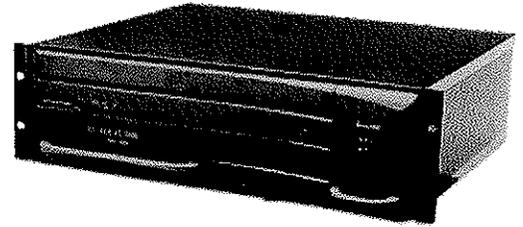
No registration required back to the Corporate Gatekeeper  
Typically used for Business to Business Communications  
Allows Dial-in and Dial-out to off-net devices

Home Office with VBP-E, Public Internet, Home Office, CMAD User

Registration is required back to the Corporate Gatekeeper  
Typically used for Internal Company Communications  
Allows E.164 extension dialing, extends your internal video network

# ▶ Polycom® RMX 2000™

## The Advanced Platform for Simplified Multipoint Conferencing



The Polycom RMX 2000 real-time media conference platform delivers high performance video and audio conferencing to enterprises, service providers and any organization demanding high-quality, reliable communications.

### **Advanced, Scalable Platform**

The foundation of the Polycom RMX 2000 conference platform is its standards-based, modular architecture which enables organizations to leverage their existing and future conferencing investments. By optimizing its resources, regardless of call type, the Polycom RMX 2000 conference platform always operates at peak efficiency across all environments. The advanced architecture also facilitates superior performance, scale, and cost-effective integration of IP (H.323 and SIP), PSTN and ISDN conferencing services.

### **Simple and Accessible Conferencing**

Easy to set up, easy to use and a powerful tool for collaboration, the Polycom RMX 2000 real-time media conference platform provides intuitive, high quality multipoint conferencing to end users, as well as unparalleled flexibility and control to administrators. Its straightforward user and administrator interfaces enable consistent, in-person communications experiences without cumbersome technology roadblocks, which increases productivity and speeds the rate of conferencing adoption.

### **Ultimate User Experience**

The superior engineering and design principles of the Polycom RMX 2000 platform provide the perfect balance of conference power, control, and ease-of-use. Support for a range of video resolutions, flawless interactions via high-quality audio and content delivery and QoS control recreate the in-person meeting experience. Organizations benefit from improved communication, increased collaboration, and faster decision-making, enabling them to meet the challenges – and seize the opportunities – of today's interconnected world.

The Polycom RMX 2000 multipoint conference platform is the result of Polycom's sustained leadership in conferencing and is fundamental to the Polycom VC2 vision for transforming visual communication.

### **Find Out More**

Learn what the Polycom RMX 2000 conference platform can do for your organization. Visit us at [www.polycom.com](http://www.polycom.com) or contact your Polycom representative.

### **Benefits**

- ▶ Polycom UltimateHD™ – High definition video, audio, and content sharing
- ▶ Investment protection – High-scale, future-proof platform
- ▶ Multi-network support – IP (H.323, SIP), PSTN, and ISDN on a single chassis
- ▶ Easy, secure access from anywhere – Multi-tiered Web-based management
- ▶ Anytime, on demand conferencing – Always-on virtual meeting rooms
- ▶ Resilient multipoint conferencing – Polycom Lost Packet Recovery™ (LPR™)
- ▶ Best per call value – Flexible or fixed performance capacities

# ► Polycom RMX 2000 Specifications

The RMX 2000 Real-time Media Conference Platform is available in 20, 40, 80, 120, and 160 media resource configurations.

## Physical dimensions

- Height: 3U, 13.28 cm (5 in)
- Width: 48.26 cm (19 in)
- Depth: 40 cm (15 in)
- Weight: Up to 16.5 Kg (36.38 lbs)
- Two slot media processing modules (MPM+ cards)
- Two slot application server (one for MCU management)
- Power supply
- Fan drawer
- Power: 100-240 VAC  $\pm$ 10%, 47-63 Hz; 600 W max power consumption

## Operating Environment

- Operating temperature: 10° to 40° C (50° to 104° F), 3400 BTU/hr
- Storage temperature: -40° to 70° C (-40° to 158° F)
- Relative humidity: 15% to 90% noncondensing
- Operating altitude: 60 m (200 ft) below sea level to 3,000 m (13,000 ft) above sea level
- Transit/Storage: 60 m (200 ft) below sea level to 15,000 m (50,000 ft) above sea level

## Video Support

- H.261, H.263, H.263++, H.264
- Up to 60 frames per second
- From QCIF to HD 1080p including intermittent resolutions (SIF, CIF, SD, WSD, and HD 720p)
- Up to HD 1080p in continuous presence (CP) transcoding (TX)
- 16:9 and 4:3 aspect ratio
- H.239 content sharing resolution (H.263/H.264): VGA, SVGA, XGA, HD
- Video Clarity™ to sharpen and upscale video

## Audio Support

- G.711a/u, G.722, G.722.1C, G.722.1, G.723.1, G.729A, Polycom Siren™ 14
- IVR prompts for auto attendance
- User and managed mute control
- DTMF support

## Capacity

- Up to 160 media resources and 800 audio resources
- Flexible Resource Capacity™ supports up to:
  - 40 HD endpoints in CP
  - 60 SD endpoints in CP
  - 160 CIF endpoints in CP
  - 160 HD endpoints in Video Switch (VSW) mode
  - 800 audio endpoints

- Fixed Resource Capacity™ sets RMX 2000 resources for constant capacity no matter what the call type
- Supports a single conference without cascading of up to 200 audio or 80 video participants
- Integration with DMA 7000™ supports up to 1200 active participants, for high-scale, redundant conferencing

## Management Tools

- RMX Manager offers Web-based access and application-based access
- Administrator, operator, auditor, and chairperson views
- Onboard shelf management monitors and maintains hardware elements
- Complete XML API kit for 3rd party application integration
- Up to 1000 address book entries
- Address book quick search
- Secured management via transport layer security (TLS)
- Conference templates to easily save layouts for recurring meetings
- Internal reservation calendar for scheduling
- Scheduling and gatekeeping functions via Polycom CMA 4000/5000®
- External database access (LDAP/AD)

## Language Support

- English, Simplified Chinese, Traditional Chinese, Japanese, Russian, German, Korean, Spanish, French, Italian, Portuguese, Norwegian
- Double Byte (Unicode) site names

## Network Support

- IP H.323 and SIP
- PSTN and VoIP voice
- ISDN (H.320)
- 10/100/1000 Mb interface
- 64 Kbps to 6 Mbps conference data rates
- Up to 768 kbps for content

## Transcoding

- Audio algorithms
- Video algorithms
- Networks
- Resolution
- Frame rates
- Bit rates

## IP QoS

- Polycom Lost Packet Recovery™ to protect conferences against up to 10% network packet loss
- DiffServ
- IP Precedence
- Dynamic jitter buffer
- Voice and video error concealment

## Security

- AES media encryption
- Transport layer security (SIP)
- Tiered permission levels include Administrator, Operator, Chairperson and Auditor
- Secure mode option to prevent uninvited participants from joining the conference

## Approval and Compliance

- CE
- UL, ETL, CB
- EMC: FCC 47CFR PART 15, VCCI, AS/NZS CISPR 22, ICES-003
- Safety: UL 60950-1, IEC 60950-1, EN 60950-1
- RoHS 6

## Conferencing Highlights

- Integration with Polycom RSS™ 2000 recording and streaming solution
- Support for Polycom telepresence rooms (Polycom RPX™, Polycom TPX) HD multi-point conferencing
- Unified conferencing (voice, video and data)
- Up to 24 different conference layouts
- Personal layout
- Auto layout
- Layout range 1x1 to 4x4
- Advanced Polycom Click & View™
- Layout skins
- Lecture and presentation mode
- Roll call
- Conference profiles
- Conference templates
- Far-end camera control (FECC) H.224/H.281, H.323 annex Q and SIP FECC
- Conference dial out and dial in
- Up to 1000 Meeting Rooms
- Advanced IVR flow
- Multilingual site names
- Transparent site names
- H.239 support over H.323 cascaded links (between any Polycom bridges)

*Polycom conferencing solutions also include unified conferencing bridges, recording and streaming solutions, firewall/NAT transversal, management, scheduling, and gatekeeper applications, video and audio endpoints, totally immersive conferencing environments, and a full range of installation and professional consulting services.*

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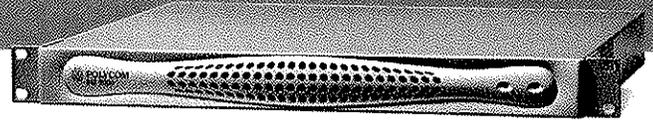
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# Polycom® RSS™ 2000

Live Recording and Streaming!



## Benefits

### Recording

- Record multimedia conferences with synchronized video and data.
- Start, Pause, and Stop recording via simple DTMF commands

**Streaming** – Live or Archive! Webcast multimedia content to users worldwide

**Playback** – Users can view webcast with Windows Media player or RealPlayer

**Archiving** – Up to 900 hours of recording on an internal hard disk

**High Quality** – Up to H.264 quality with 30 fps

### Security

- Password protection
- Recording and viewing rights
- Terminal or web user identification
- Firewall protection with Polycom V2IU

### Reduce Your Total Cost of Ownership –

The only solution that provides an out-of-the-box integration with Polycom MCU's and supports synchronized video, voice, and data recording over IP or ISDN using standard MGC management tools

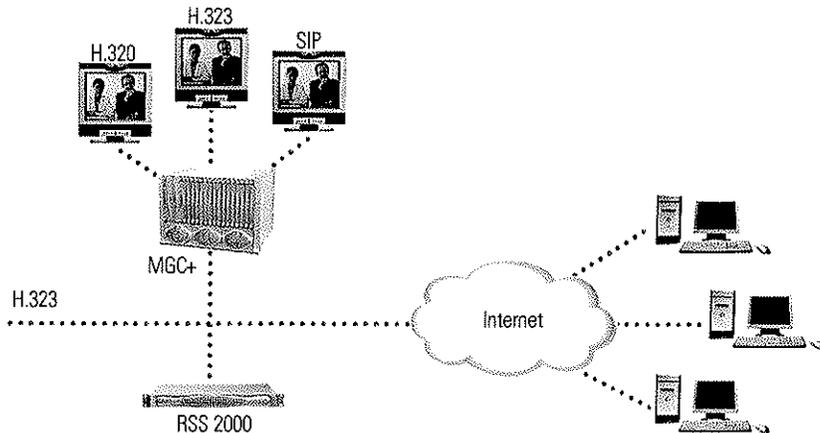
## An on-demand recording, streaming, and archiving solution for multimedia conferences

Enterprise customers can now reach out to a large number of employees, customers, partners, and suppliers globally by recording and streaming any presentation, interview, demonstration, or new product introduction with a simple and easy to use solution. With on-demand recording and streaming capabilities, users can webcast corporate events such as company meetings or investor relations call to employees, customers, and shareholders worldwide. Educational organizations can expand their distance learning programs by recording and streaming lecture materials to remote sites. Sales and Marketing teams can gain a competitive edge by generating compelling multimedia presentations that can be viewed on customers desktop through popular tools such as Windows Media® and RealPlayer™. RSS 2000 recording and streaming server provides high capacity internal storage to archive recorded conferences to meet legal compliance.

With the addition of RSS 2000 recording and streaming server to its rich suite of Unified Collaboration solutions, Polycom is empowering organizations to boost productivity, gain operational and cost efficiencies, by communicating and collaborating effectively and timely with customers, partners, and suppliers globally.

Recording and streaming multimedia just got easier

Users can start recording from any Polycom endpoint or MCU. In a point to point video conference, the system will record both sides in a single stream. A multipoint conference can be recorded and streamed live over the web.



 **POLYCOM®**  
TOGETHER, GREAT THINGS HAPPEN.

# Polycom RSS 2000

View multimedia webcast through desktop media players

With RSS 2000 recording and streaming server, users can view a live multimedia conference on a H.323 endpoint or a desktop using Windows Media player or RealPlayer.

Easy to deploy and manage

The RSS 2000 recording and streaming server is tightly integrated with Polycom MCU and end points to simplify multimedia conference recording. In addition to existing MGC™ management tools, IT administrators can also use Web-based Interface to perform configuration and management functions including:

- System management and monitoring
- Users management and terminal management
- Recording, Streaming, and Archive management
- Customizations by providing your own company logos and look & feel

Make great things happen with Polycom RSS 2000 Recording and Streaming Server

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in voice, video, data and Web solutions, our award-winning conference technology makes it easy for people to interact and maximize productivity — over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide use and prefer Polycom conferencing solutions. Because when people work together, great things happen. See how you, too, can achieve great things with Polycom RSS 2000 recording and streaming server.

## Polycom RSS 2000 Specifications

### Video Standard

- H.261
- H.263
- H.263+
- H.264

### Video Resolution

- QCIF
- CIF
- SIF
- 4CIF
- XGA
- VGA

### Frame Rates

- Up to 30 Frames per second

### Audio Standard

- G.711a
- G.711u
- G.722
- G.728

### Data Standard

- H.239

### Network

- H.323 v4

### Conference Bandwidth

- 128K-1,920Kbps

### Recording

- Compatible with H.323 MCU and Endpoints
- Single point recording
- Point to point recording
- Multi-point recording
- Synchronized video and content

### Recording Formats

- ASF for Windows Media Player and Real Player

### Playback

- Live Streaming via the web
- Archived Playback to H.323 Endpoint MCU or gateway.
- Windows Media player and Real Player
- Standard ASF format

### Streaming

- Unicast

### Capacity

- High capacity internal disk stores up to 900 hours of recording
- Supports up to 2 concurrent video conferencing recording sessions

### Management

- Embedded web server enables full control, configuration and monitoring of system and conferences
- Endpoint and MCU use FECC menu to control recording and viewing.
- Direct E-Mail link to an archive

### Security

- Administrator and user passwords
- User and Endpoint viewing and recording rights authorization
- Terminal identification by IP, E.164 address or H.323 alias
- Terminal recording and viewing rights authorization based on the identification

### Control

- Remote control via H.323 terminal
- FECC
- DTMF

### Automatic Backup and Delete

- System utilities for automatic content management and archiving

### Network Interfaces

- RJ45 Ethernet

### Power

- Thermal controlled 220W ATX AC power supply w/PFC
- AC Voltage: 100 - 240 VAC, 60-50 Hz, 5-3 Amps

### System Configuration

- Intel® Pentium® 4, 2.8Mhz processor
- 1.5 GB RAM
- 250GB Hard Disk

### Operating System

- Windows® XP

### Physical Dimensions

- Form Factor: 1U 19" rack mount
- Height: 1.73" (44 mm)
- Width: 16.83" (430 mm)
- Depth: 15.35" (390 mm)
- Gross Weight: 22.4 lbs (10.2 kg)

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Part No. 3726-17499-001 Rev. 05/08

**Time Frame:**

The scope of work shall be completed within 60 days after contract is awarded and notice to proceed is given.

**Mandatory Qualifications:**

By submitting a bid, the vendor adheres to the following:

1. The vendor verifies that they have completed at least 3 projects of the same nature in the past five years.
2. The vendor must be certified on the proposed installed equipment
3. The vendor must be registered as a Vendor with the State of West Virginia prior to award.

**TANDBERG VCS Control Application****Item #1**

- Single box must support gatekeeping functionality using the industry standard of H323 and SIP proxy functionality using the industry standard of SIP
- System must be capable of interworking H.323 and SIP without user intervention
- Flash memory and hard drive
- Must provide PBX functionality to end points such as call hold, call transfer and conferencing without the need for an embedded MCU in the endpoints
- Support for IP Version 4 support and support for IP Version 6 support
- H.323 v5 Annex O for DNS dialing support
- ITU-T H.323 v5 complaint and ITU-T H.225 v4 complaint
- Single box solution must support SIP based presence
- Solution must support clustering and up to 10,000 users in a cluster and up to 2,000 simultaneous calls in a cluster

**TANDBERG VCS Expressway Application****Item #3**

- Single box solution must support H.460 firewall traversal with multiplexed media technology without the use of external or add-on devices
- Single box solution must support SIP based firewall traversal technology without the use of external or add-on devices
- Solution must support clustering and up to 10,000 users in a cluster
- Solution must support clustering and up to 2,000 simultaneous calls in a cluster
- Must support ICE (interactive connectivity establishment)
- Support for Registration of traversal-enabled endpoints
- SIP based STUN Discover y and STUN Relay services

- H.460.18/19 complaint and H.460.18 client proxy support
- Instant restart and boot – under 90 seconds

**TANDBERG Content Server  
Item #5**

- A single box solution must support a minimum of 5 simultaneous accesses
- The system must support RSS feeds and portable device downloads
- The system must support Flash, Windows Media Player, Quicktime, and Real
- The system must support native Multicast without the use of external equipment
- The system must integrate direction with Apple iTunes and Apple Podcast Producer
- The system must provide build in Streaming Server based on Windows Media Server
- The system must provide SIP support to allow SIP end points to record and stream

**TMS Server Appliance  
Item #7**

- The management system must be able to manage both newer and legacy Tandberg and Polycom endpoints, along with the network infrastructure chosen. This includes MCUs, Firewall Traversal Solutions, Streaming systems, Call Control systems, Gatekeepers and others.
- The management software must provide diagnostic capabilities, billing capabilities as well as graphical reports
- The management software must provide H.350 support (import and export) Active Directory support
- The management software must provide Centrally-managed server phone books creation of one or multiple phone books with the ability to search unlimited entries
- The management software must provide Automatic directory import from gatekeeper, ILS and LDAP (single or multiple source)
- The management software must provide Automatic MCU, gateway and network selection
- The management software must provide Support for SIP enabled endpoints and dialing
- The management software must provide battery status on remote controls, diagnostic messages and solution suggestions system status, gatekeeper status, SNMP configuration, ISDN/IP configuration and information
- The management software must Manage calls made on multiple protocols (IP using H.323 and SIP, ISDN and mixed calls)
- The management software must provide for System Upgrades – Able to upgrade either pre-scheduled or ad-hoc software updates to endpoints

**MCU-4205 12 Port Multisite Bridge  
Item #9**

- There must be NO reduction of ports for features. This includes individual transcoding, encryption, and others. It must be conveyed that the capacity of the system IS the capacity of the system regardless of features being used
- The system must support standards based H.264 (no proprietary algorithms will be permitted) and standards based AAC for audio (no proprietary algorithms will be permitted)
- Content or data sharing channel must support 30 FPS
- The system must provide easy to use software clients
- Dimensions not to exceed 1 rack unit (U)

**TANDBERG 3000 MXP Profile-Single 42”  
Item #12**

- The system must support standards based H.264 for high definition video (no proprietary algorithms will be permitted)
- The system must support standards based AAC for high definition audio (no proprietary algorithms will be permitted)
- Content or data sharing channel must support 30 FPS
- The codec must support 16 x 9 native (not stretched) at all bandwidths including 128k, 256k, 384k, 512k, and 768k.
- The system must support H.239 for data collaboration using H.323 (no proprietary algorithms will be permitted)
- The system must support BFCP for data collaboration using SIP (no proprietary algorithms will be permitted)
- The system must support H.460.18/19 multiplexed media for firewall traversal using H.323 (no proprietary algorithms will be permitted)
- The system must support STUN/ICE multiplexed media for firewall traversal using SIP (no proprietary algorithms will be permitted)
- The system must allow for real-time address books (not updated on a schedule)

**TANDBERG 3000 MXP Natural Presenters Package  
Item # 13**

- Software option that allows two video streams at one time, allows students to view instructor and interpreter simultaneously
- Allows users to incorporate computers, laptops, document camera into the video presentation

**Wheel Base Option for 3000 MXP Profile 42”  
Item # 14**

- Wheel base for equipment that allows the unit to be portable

**HD 6000 MXP Integrator Package  
Item #17**

- 6000 MXP codec
- Precision HD camera
- Camera cable set (2m, 5m and 19.5m cable extension kit),
- 2 table microphones
- 2 trackers

**HD Integrator 6000 MXP Natural Presenter Package  
Item #19**

- Software option that allows two video streams at one time, allows students to view instructor and interpreter simultaneously
- Allows users to incorporate computers, laptops, document camera into the video presentation

**W.A.V.E. II Camera  
Item #21**

- 13CCD Color Camera PAL or NTSC
- 10 x zoom
- 1/4" CCD
- 96° total vertical field of view and 77° horizontal field of view
- 267° total horizontal field of view
- 460 (PAL) / 470 (NTSC) horizontal TV lines
- Min. illumination 2 Lux (F1.8)
- Auto or manual focus, brightness and white balance
- Far end camera control w/ 15 near and far-end camera pre-sets
- Voice-activated camera positioning
- Daisy chain support for up to 4 cameras
- VISCA camera support.

**T4 Complete Program  
Item # 23**

- Complete training program for teachers.
- Includes 10 hours of training for classroom teachers on the following:
  - 4.5 hours of video conferencing basics includes basic operation of equipment, methods of engaging students, using administrative applications

- 2.5 hours of how to best utilize peripheral equipment as part of the video conferencing experience
- 1.5 hours of instruction on preparing lesson plans for delivery over video
- 1.5 hours of review, wrap up and practice of previous sessions.

**Edge 95  
Item #24**

- The system must be able to connect up to 4 video sites and 3 audio sites with embedded Multi Site functionality
- The system must support up to 2 Mbps H.323/2 Mbps SIP/512 kbps H.320/2.3 Mbps total MultiSite
- The system must be wireless capable
- The system must allow for viewers to view presentations and presenters simultaneously with Duo Video and H.239 Dual Stream
- The system must incorporate H.264 standard for superior video quality

**Edge 95 Natural Presenter Package  
Item #25**

- Software option that allows two video streams at one time, allows students to view instructor and interpreter simultaneously
- Allows users to incorporate computers, laptops, document camera into the video presentation

**Misc. Cable  
Item #27 and 28**

- RCA Female To BNC Male Adapter
- DVI To VGA Display Adapter
- 6ft Outlet Saver Power Extension Cord Black
- Audio Y-Adapter Cable
- 3.5mm Stereo Male To 3.5mm Stereo Female Y-Cable
- Panel-Mount VGA F-F Coupler Gender Changer
- Box of 20 Raceway White 3/4" X 1/2" X 8'
- Straight Through Modular In-line Coupler RJ45
- HDMI Gold Digital Video Cable 50ft
- 25ft 3.5mm M/M Stereo
- 25ft Grey Cat5e Patch Cable Molded Snag less
- 50ft Male to Male Premium SVGA VGA cable DB15M to DB15M
- Single Gang Surface Mount Box WHITE
- One-Piece Deep Low Voltage Junction Box w/Adhesive
- Essential 7 Outlet Surge Suppressor
- 6 Outlet Surge Suppressor 6x Receptacles 1 x power cable – 16.4 ft

- VGA VIDEO SPLITTER/EXTENDER 2- 2 PORT HDMI SPLITTER
- Any other cable needed to connect, attach equipment quoted but not listed here

**Cisco 52" LCD TV monitors and mounts  
Item #30**

- Commercial grade LCD monitor
- Must have 1080p resolution with HDMI input
- Must have a PC input-RGB/VGA 15 pin that supports 1080p resolution
- 3 year manufacturers warranty included

**Cisco 42" LCD TV monitors and mounts  
Item #31**

- Commercial grade LCD monitor
- Must have 1080p resolution with HDMI input
- Must have a PC input-RGB/VGA 15 pin that supports 1080p resolution
- 3 year manufacturers warranty included

**Monitor Carts  
Item # 32 and 33**

- Cart must be capable of holding securely the LCD monitor and all Videoconferencing equipment necessary to complete the unit.
- Cart must be capable of locking to secure equipment

**Installation, Configuration and Training  
Item # 34**

- Price must be all inclusive to provide a turnkey project.
- All equipment will be installed at the locations listed
- Equipment will be tested for complete functionality
- Must be installed by certified installers
- Training will be given at all sites



State of West Virginia
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT
West Virginia Code §21-1D-5

STATE OF West Virginia

COUNTY OF Kanawha, TO-WIT:

I, John Garner, after being first duly sworn, depose and state as follows:

- 1. I am an employee of Electronic Specialty Company; and,
2. I do hereby attest that Electronic Specialty Company

maintains a valid written drug free workplace policy and that such policy is in compliance with West Virginia Code §21-1D-5.

The above statements are sworn to under the penalty of perjury.

Electronic Specialty Company
(Company Name)

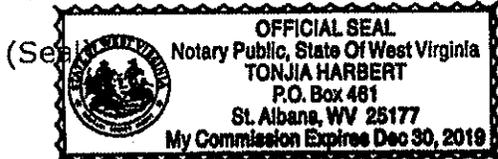
By: John Garner

Title: Compliance Officer

Date: 7/21/10

Taken, subscribed and sworn to before me this 21 day of July, 2010.

By Commission expires December 30, 2019



Tonjia Herbert
(Notary Public)

THIS AFFIDAVIT MUST BE SUBMITTED WITH THE BID IN ORDER TO COMPLY WITH WV CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF THE BID.

BID BOND PREPARATION INSTRUCTIONS

AGENCY (A)
RFQ/RFP# (B)

Bid Bond

- (A) WV State Agency (Stated on Page 1 "Spending Unit") Request for Quotation Number (upper right corner of page #1)
(C) Your Company Name
(D) City, Location of your Company
(E) State, Location of your Company
(F) Surety Corporate Name
(G) City, Location of Surety
(H) State, Location of Surety
(I) State of Surety Incorporation
(J) City of Surety Incorporation
(K) Minimum amount of acceptable bid bond is 5% of total bid. You may state "5% of bid" or a specific amount on this line in words.
(L) Amount of bond in figures
(M) Brief Description of scope of work
(N) Day of the month
(O) Month
(P) Year
(Q) Name of Corporation
(R) Raised Corporate Seal of Principal
(S) Signature of President or Vice President
(T) Title of person signing
(U) Raised Corporate Seal of Surety
(V) Corporate Name of Surety
(W) Signature of Attorney in Fact of the Surety

NOTE: Dated, Power of Attorney with Raised Surety Seal must accompany this bid bond.

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, (C) of (D), (E) as Principal, and (F) of (G), (H), a corporation organized and existing under the laws of the State of (I) with its principal office in the City of (J), as Surety, are held and firmly bound unto The State of West Virginia, as Obligee, in the penal sum of (K) (\$ (L)) for the payment of which, well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the Department of Administration a certain bid or proposal, attached hereto and made a part hereof to enter into a contract in writing for (M)

NOW THEREFORE.

(a) If said bid shall be rejected, or

(b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the agreement created by the acceptance of said bid then this obligation shall be null and void, otherwise this obligation shall remain in full force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated

The Surety for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of time within which the Obligee may accept such bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be affixed hereto and these presents to be signed by their proper officers, this (N) day of (O), 20 (P).

Principal Corporate Seal

(R)

(U) Surety Corporate Seal

(Q) (Name of Principal)
By (S) (Must be President or Vice President)
(T) Title
(V) (Name of Surety)
(W) Attorney-in-Fact

IMPORTANT -- Surety executing bonds must be licensed in West Virginia to transact surety insurance. Raised Corporate Seals must be affixed and a Power of Attorney must be attached.

**BID BOND**

KNOW ALL MEN BY THESE PRESENTS, That we, the undersigned, Electronic Specialty Company  
of Dunbar, WV, as Principal, and Ohio Farmers Insurance Company  
of Westfield Center, OH, a corporation organized and existing under the laws of the State of  
OH with its principal office in the City of Westfield Center, as Surety, are held and firmly bound unto the State  
of West Virginia, as Obligee, in the penal sum of Five Percent of Amount Bid (\$ 5%) for the payment of which,  
well and truly to be made, we jointly and severally bind ourselves, our heirs, administrators, executors, successors and assigns.

The Condition of the above obligation is such that whereas the Principal has submitted to the Purchasing Section of the  
Department of Administration a certain bid or proposal, attached hereto and made a part hereof, to enter into a contract in writing for  
DBSM108117 WV Schools for the Deaf and Blind Video Conference System - According to Plans and  
Specifications

NOW THEREFORE,

- (a) If said bid shall be rejected, or
- (b) If said bid shall be accepted and the Principal shall enter into a contract in accordance with the bid or proposal attached  
hereto and shall furnish any other bonds and insurance required by the bid or proposal, and shall in all other respects perform the  
agreement created by the acceptance of said bid, then this obligation shall be null and void, otherwise this obligation shall remain in full  
force and effect. It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event,  
exceed the penal amount of this obligation as herein stated.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no  
way impaired or affected by any extension of the time within which the Obligee may accept such bid, and said Surety does hereby  
waive notice of any such extension.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations  
have caused their corporate seals to be affixed hereunto and these presents to be signed by their proper officers, this  
22nd day of July, 2010.

Principal Corporate Seal

Electronic Specialty Company  
(Name of Principal)  
By [Signature]  
(Must be President or  
Vice President)  
President  
(Title)

Surety Corporate Seal

Ohio Farmers Insurance Company  
(Name of Surety)  
By [Signature]  
Larry D. Kerr, WV Resident Agent Attorney-in-Fact

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance. Corporate seals must be affixed,  
and a power of attorney must be attached.