

Central Wyoming College

Request for Quotes

Wyoming PBS (WYOPBS) Digital Video Recorders

Due:

Friday January 22, 2010
1:30 p.m.

Deliver to:

Central Wyoming College
Attn: Jan Jensen, Grant Administrative Assistant
2660 Peck Avenue – Room WPTV 15
Riverton, WY 82501

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**Request For Quotes
 Central Wyoming College/Wyoming PBS
 Digital Video Recorders**

ARTICLE I – General Conditions and Requirements

NOTICE IS HEREBY GIVEN that Central Wyoming College/Wyoming PBS is requesting quotes for three (3) **Digital Video Recorders**.

The Grant Administrative Assistant will receive quotes at Wyoming PBS, 2660 Peck Avenue – Room WPTV 15, Riverton, Wyoming 82501, until 1:30 p.m. Mountain Time, Friday, January 22, 2010. Late submittals will not be accepted. Quotes shall be clearly marked “**Digital Video Recorders**” Quotes will be opened shortly after 1:30 p.m. at Wyoming PBS. A contract may not be awarded until CWC officials have reviewed the quotes and authorized negotiation of a contract. Questions regarding the specifications should be directed to Bob Connelly at 307-856-6944.

1. SUBMISSION OF QUOTES: It is the responsibility of the vendor to carefully examine the Request for Quotes document and be familiar with all of the requirements, stipulations, provisions and conditions of the proposed project. All changes, additions, or clarifications to the RFQ documents will be done with a numbered addendum. Quotes should address each item specified in the Submittal Instructions. No quote will be considered in which any of the conditions or provisions have been modified. No oral or telephone interpretations of the quote documents shall be binding upon the College. Quotes received after the time and date specified will not be considered and will be returned unopened to the firm.

2. VENDOR QUALIFICATION: Vendors shall be the manufacturer of, or authorized representatives of the manufacturers of the equipment specified. The vendor shall be fully able to validate and execute warranty directly or on behalf of the manufacturer.

3. CONTRACTOR PREFERENCE: Vendors are advised that the resident contractor preference and State of Wyoming materials preference statutes contained in Wyoming Statutes Sections 16-6-102 and 16-6-106 and related statutes may apply to the submitted Quotes to the extent required by law. Because of the nature of this RFQ, the extent and the manner to which statutes apply will be considered and evaluated with respect to each responsible quote submitted. Those vendors claiming Wyoming residency should include a copy of their Wyoming Certificate of Residency.

4. WYOMING STATUTES: The Owner is a community college district. As such, Bidders are advised that the resident contractor preference, nonresident contractor subcontracts and the State of Wyoming materials preference statutes contained in Wyoming Statutes Sections 16-6-102, 16-6-103, 16-6-106 and related statutes may apply to the submitted proposals to the extent

required by law. It is the sole responsibility of the Contractor to become acquainted with and to comply with the laws regarding these preferences.

Pursuant to W.S. 16-6-102 (a), “... *the contract shall be let to the responsible certified resident making the lowest Proposal if the certified resident's Proposal is not more than five (5%) higher than that of the lowest nonresident bidder.*” (Those bidders claiming Wyoming residency should include a copy of their current Wyoming Certificate of Residency).

Pursuant to W.S. 16-6-103, “A *successful resident bidder shall not subcontract more than twenty percent (20%) of the work covered by his contract to nonresident contractors.*”

Pursuant to W.S. 16-6-106, “... *preference is hereby given to materials, supplies, agricultural products, equipment, machinery and provisions produced, manufactured, supplied or grown in Wyoming, quality being equal to articles offered by the competitors outside of the state.*”

Pursuant to W.S. 16-6-702, Wyoming PBS shall retain Ten (10) percent of the total price as retainage on each payment/advance for payment until final payment is made to the contractor and until all equipment, material, and documentation meeting specifications are delivered to WPBS and all claims and provisions of the contract are completed.

The extent and the manner to which these statutes, and any other applicable statutes, rules or regulations apply will be considered and evaluated with respect to each responsible quote submitted.

5. ACCEPTANCE PERIOD: All quotes shall be firm for a period of sixty (60) days from the date Quotes are due.

6. AWARD OF CONTRACT: Award of Contract for this project is contingent upon available funding and official approval. CWC may enter into negotiations with the firm or individual whose quote best meets the needs of the college. This contract cannot be assigned or transferred without the written consent of CWC. The entire Request for Quote document shall become part of the contract and will be in effect for the duration of the contract period. Where terms conflict, provisions contained within this RFQ take precedence over the language contained within the vendor's standard lease/buyout agreement.

Minority business enterprises will be afforded full opportunity to submit a quote and to contract with the college and will not be subject to discrimination on the grounds of race, creed, national origin, sex or handicap in consideration for an award.

By submitting a quote, the firm certifies under penalty of perjury that it has not acted in collusion with any other firm.

7. CENTRAL WYOMING COLLEGE REPRESENTATIVES: Questions concerning the RFQ document and process, acceptance and approval of Quotes, contract requirements, and project parameters should be directed to:

Jan Jensen

Grant Administrative Assistant
Wyoming PBS
307.856.6944
jjensen@cwc.edu

Questions concerning the Wyoming PBS operations and technical questions should be directed to:

Bob Connelly
Wyoming PBS
307.856.6944
fax 307.856.3893
bconnelly@cwc.edu

8. PROPERTY OF THE DISTRICT: Submissions in response to this RFQ shall become the property of Central Wyoming College and Wyoming PBS and subject to public disclosure as prescribed by Wyoming statutes. Proprietary information must be identified and will be protected to the extent allowable by Wyoming law.

9. CONSIDERATION OF QUOTES: Price, warranty, and compatibility with existing equipment that best meets the needs of the WYOPBS will be factors in the selection of the equipment.

10. WARRANTY: Warranty periods will commence with the acceptance of fully documented working units of equipment. Vendor and/or manufacturer shall be responsible for the shipping cost both ways and any other expenses for equipment repair on site or elsewhere for any equipment which is not received in an operating condition and meeting the manufacturer's published specifications. Equipment warranty statements shall be provided with the quote response.

11. ADDITIONAL CONTRACT CLOSE-OUT DOCUMENTS. Contractor/Vendor shall furnish Owner with a detailed equipment list prior to final payment and contract close-out. The equipment list shall be in an Excel spreadsheet format and include the following information: make, model, serial number, installation location (site specific) and warranty coverage period (including expiration date).

12. EXCEPTIONS/ SUBSTITUTIONS/ ALTERNATIVES: Exceptions to any part of specification shall be indicated in writing and included with the quote response designating the section, item number and/or paragraph to which the exception refers. WYOPBS may consider equipment other than that specified if of equal or better specification, function and value. Those proposing alternative equipment shall provide sufficient documentation to permit WYOPBS to evaluate any such alternative.

13. LAWS AND REGULATIONS: All equipment shall comply with applicable Federal, State and local laws, regulations and codes and be constructed using best engineering practices.

Scope of Equipment Needed:

Quantity (3) Sony PDWF75 Digital Video Recorders

Equipment Requirements:

Wyoming PBS (WYOPBS) requests quotes for three (3) Sony PDWF75 Digital Video Recorders.

All equipment shall comply with federal and state laws, as well as EIA, UL, NEC and other applicable codes, standards, laws, rules and regulations regarding safety, loading, structural integrity, radio frequency radiation, spurious emissions and interference. Vendors understand and agree that it shall be their responsibility to resolve any interference problems, whether it is from non-vendor-owned equipment in place at the time of installation, which is causing interference to vendor equipment or whether vendor installs equipment that causes interference to other non-vendor owned equipment in place at the time of installation. Interference problems shall be resolved within the (10) days of notice from WYOPBS of such interference.

Any equipment, the manufacture and use of which is governed by the Federal Communications Commission, shall be FCC type accepted.

Equipment Specifications:

Digital Video Recorder: Must meet or exceed the specifications of a Sony PDWF7

	Detail:
Power Requirements	AC 100 V to 240 V, 50/60 Hz
Power Consumption	70 W
Operating Temperature	+5 to +40°C (+41 to +104°F)
Storage Temperature	-20 to +60°C (-4 to +140°F)
Humidity	20 to 90% (relative humidity)
Mass	1.4 kg (3 lb 1 oz) 7.2 kg (15 lb 6 oz)
Dimensions (W x H x D) (Excluding Protrusions)	307 x 100 x 411 mm (12 1/8 x 4 x 16 1/2 inches)
	Video:
	MPEG HD (MPEG-2 MP@HL)
	HQ mode (VBR, maximum bit rate: 35 Mb/s)
	SP mode (CBR, 25 Mb/s)
	LP mode (VBR, maximum bit rate: 18 Mb/s)
	DVCAM* (CBR, 25 Mb/s)
	Proxy Video:
	MPEG-4
Recording/Playback Format	Audio:
	MPEG HD: 4 ch or 2 ch, 16 bits/48 kHz
	DVCAM: 4 ch/16 bits/48 kHz
	Proxy Audio:
	A-law (4 ch/2 ch, 8 bits, 8 kHz)

*Optional PDBK-104 is required for DVCAM recording.

	<p>MPEG HD: 35 Mb/s, 4-ch audio: More than 145 min. (PFD50DLA), More than 65 min. (PFD23A) 35 Mb/s, 2-ch audio: More than 150 min. (PFD50DLA), More than 68 min. (PFD23A) 25 Mb/s, 4-ch audio: Approx. 190 min. (PFD50DLA), Approx. 85 min. (PFD23A) 25 Mb/s, 2-ch audio: Approx. 200 min. (PFD50DLA), Approx. 90 min. (PFD23A) 18 Mb/s, 4-ch audio: More than 248 min. (PFD50DLA), More than 112 min. (PFD23A) 18 Mb/s, 2-ch audio: More than 265 min. (PFD50DLA), More than 122 min. (PFD23A)</p> <p>DVCAM: 25 Mb/s: Approx. 185 min. (PFD50DLA), Approx. 85 min. (PFD23A)</p> <p>*Optional PDBK-104 is required for DVCAM recording</p> <p>Jog mode: -1 to +2 times normal speed</p> <p>Search Speed Range</p> <p>Variable mode: -1 to +2 times normal speed</p> <p>Shuttle mode: -20 to +20 times normal speed:</p>
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Inputs/Outputs Specifications

Detail:

Reference Input	BNC x 2 (including loop through), HD/SD HD Tri-level sync (0.6 V _{p-p} /75 Ω/negative), HD/SD or SD blackburst/composite sync (0.286 V _{p-p} /75 Ω/negative), HD/SD
Composite Input	(Option: PDBK-104) BNC x 1, 1.0 V _{p-p} /75 Ω/negative, SMPTE 170M
Component Input	(Option: PDBK-103) BNC x 4, Y/Pb/Pr/(Sync) or G/B/R/(Sync), HD BNC x 2, SMPTE 292M (w/embedded audio), HD
SDI Input	(Option: PDBK-104) BNC x 1, SMPTE 259M (w/embedded audio), SD
Analog Audio Input	XLR 3-pin (female) x 2 (channel selectable) +4/0/-3/-6 dBu (selectable) 10 kΩ, balanced
Digital Audio Input (AES/EBU)	BNC x 2, 4 ch (2 ch each, 1/2 ch and 3/4 ch), AES-3id-1995
Time Code Input	BNC x 1, SMPTE time code, 0.5 to 18 V _{p-p} /3.3 kΩ/unbalanced
Composite Output	BNC x 1, (1.0 V _{p-p} /75 Ω/sync negative), character On/Off RCA x1, (1.0 V _{p-p} /75 Ω/sync negative)
SDI Output	BNC x 2, SMPTE 292M (w/embedded audio), HD character ALL ON/OFF/HD-SDI 2 only, HD BNC x 1, SMPTE 259M (w/embedded audio), SD

Monitor Video	character ALL ON/OFF/SDI only, SD D-sub 15-pin x 1, (G/B/R or Y/Pb/Pr)
Analog Audio Output	XLR 3-pin (male) x 2 (channel selectable) +4/0/-3/-6 dBu (selectable), 600 Ω, Lo-Z, balanced
Monitor Audio	RCA x 2 (L, R, Mix), -6 dBu, 47 kΩ, unbalanced
Digital Audio Output (AES/EBU)	BNC x 2, 4 ch (2 ch each, 1/2 ch and 3/4 ch), AES-3id-1995
Headphone Output	JM-60 Stereo phone jack x 1 -14dBu, 8 Ω, unbalanced
Time Code Output	BNC x 1, SMPTE time code, 2.2 Vp-p ± 3.0 dB/600 Ω/unbalanced
i.LINK	IEEE 1394 6-pin x 1 AV/C (DV) IN/OUT File Access Mode (Option: PDBK-102) HDV 1080i IN/OUT (Option: PDBK-101) RJ-45 x 1
Ethernet	1000Base-T: IEEE802.3ab 100Base-TX: IEEE802.3u 10Base-T: IEEE802.3
RS232C	D-sub 9-pin (male) x 1
Control	Mini-jack 4-pin x 1, for RM-LC2
Remote (9P) Input	D-sub 9-pin (female) x 1, RS-422A
Maintenance	MEMORY STICK x 1
AC Input	x 1, 100 to 240 V, 50/60 Hz

Video Performance Specifications

Detail:

Sampling Frequency	Y: 74.25 MHz, R-Y/B-Y: 37.125 MHz
Quantization	8 bits/sample
Error Correction	Reed Solomon Code

Processor Adjustment Range Specifications

Detail:

Video Level	±3 dB
Chroma Level	±3 dB
Setup/Black Level	±30 IRE
Chroma Phase	±30°
System Sync Phase	± 3 μs
System Sync Phase (Fine)	± 200 ns

Audio Performance Specifications

Detail:

Sampling Frequency	48 kHz
Quantization	16 bits
Frequency Response	20 Hz to 20 kHz +0.5/-1.0 dB (0 dB at 1 kHz)
Dynamic Range	More than 90 dB
Distortion	Less than 0.05% (at 1kHz)
Headroom	20/18/16/12 dB (selectable)

Built-In Display Specifications

Detail:

Built-In Display

3.5-inch type color
LCD monitor

Vendors will please include as separate line items quotes for the following options: PDBK-101, PDBK-102, PDBK-103, PDBK-104

ARTICLE II – Submission of Quotes:

It is the responsibility of the vendor to carefully examine the Request for Quote and be familiar with all of its requirements, stipulations, provisions, and conditions. Quotes will not be considered in which any of the conditions or provisions have been modified. No oral or telephone interpretations of the quote documents shall be binding upon the College. Quotes received after the time and date specified will not be considered and will be returned unopened to the firm.

Three (3) copies of the quote to be clearly marked with the wording “**Digital Video Recorders**” on the outside of the sealed package submitted to:

Jan Jensen, Grant Administrative Assistant
Central Wyoming College
2660 Peck Avenue – Room WPTV 15
Riverton, Wyoming 82501

by no later than 1:30 p.m., MST, on Friday, January 22, 2008.

**Central Wyoming College/Wyoming PBS
Digital Video Recorders Quote Submittal Form**

Equipment Quoted (attach separate sheet if necessary):

Total Quote \$ _____

Quote prepared by: _____ Signature: _____

Title: _____ Date: _____

Name of Company: _____ Years in business: _____

Address: _____

City/State: _____ Phone: _____

T.I.N. _____ Fax: _____

Wyoming Resident Business Y____ N____ Email _____

Delivery Will Be Made On Or Before _____

Quote must contain this sheet.

APPENDIX A – CERTIFICATIONS AND ASSURANCES

We make the following certifications and assurances as a required element of the response to which it is attached, understanding the truthfulness of the facts affirmed here and the continuing compliance with these requirements and all requirements of the Request for Quote (RFQ) are conditions precedent to the award or continuation of the related Contract.

The attached response of a firm offer for a period of sixty (60) days following the response Due Date specified in the RFQ and it may be accepted by WYOPBS without further change at any time within that sixty (60) day period. We further agree to honor pricing on any equipment specified in our RFQ for up to six (6) months for potential purchase by other buyers with the understanding that different delivery dates would be negotiated.

We understand that WYOPBS will not reimburse us for any costs incurred in the preparation of this response and that all responses become the property of WYOPBS, and we claim no proprietary right to the ideas, writings, items or samples unless so stated in the response. Submission of the attached response constitutes an acceptance of terms described in the RFQ document.

We understand that this certification, along with the RFQ, vendor’s response to the RFQ, and a purchase order from Central Wyoming College, acting as financial agent on behalf of WYOPBS, shall serve as a contract. Any agreements between the successful vendor and WYOPBS to accept alternates or options shall be done as an attachment to this certification and incorporated herein.

Submission of a response and execution of this Certification and Assurances document certify Vendor’s willingness to comply with the contract terms and conditions appearing the RFQ, or substantially similar terms, if selected as a contractor.

Vendor shall attach a listing of all paragraph numbers in this RFQ, which shall be incorporated herein as an integral part of the Certifications and Assurances. Adjacent to each paragraph number, Vendor shall include the wording “Comply.” Any paragraph to which vendor takes an exception shall be noted with the word “exception” adjacent to the paragraph number.

Signature

Vendor

Title

Date