Student Technology Fee
Special Initiatives
2005-06

Name	**Signature**	**Date Reviewed**
Dr. Jim McCrory	*(signature)*	29 Aug 05
Comments:		
Christyn Perot	*(signature)*	8/24/05
Comments:		
Tim Chadbourne	*(signature)*	8/25/05
Comments:		
Stephen Hoover		
Comments:		
Dale Martin	*(signature)*	8/29/05
Comments:		

Date Given to IS
8/24/05

Date Received from IS
8/29/05

Student Technology Fee
Special Initiative Funding Request Form
Northwestern State University of Louisiana

Prepared by: ___Michael Bodri_____ Department __Biology_____

College or Unit: _Science and Technology_____ Campus: __Natchitoches_____

Submitted to:__J. Long for A. Sypert_____Date _8/24/05_____ Fiscal Year: _05-06

1. Describe target audience.

   NSU Students located on the Natchitoches Campus.

2. Describe project/initiative for which you are requesting funds.
   Upgrades to the teaching laboratories in Kyser Hall for microbiology classes, particularly MBIO2061. Specifically we request 21 teaching microscopes, 2 digital projection microscopes, 2 refrigerators (for culture storage to replace broken ones), and 6 hot plate stirrers for media preparation.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.
   Faculty evaluations will "improve" (the funds will be used to purchase needed microscopes and other suppies for the labs– instructors often get evaluations from students with scores reflecting their frustration with having to share equipment.

4. Indicate how each project objective will be evaluated.

   Faculty evaluations from the semester in which the new teaching microscopes are introduced will be compared to past evaluations to determine student satisfaction. In addition to teaching microscopes, we are also requesting two (2) digital projection microscopes to allow students and faculty to share images via a monitor or digital projector. Student scores on practical examinations should improve if they are exposed to more than just their own slide images. I propose to have one lab taught without the use of the digital microscopes and compare their practical scores to the sections where the digital scopes are used.

Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

Currently, students share microscopes in lab (3 students/scope, class size is typically 32). The purchase of 21 scopes will allow each student to use their own instrument. We have 5 sections this semester with over 150 students. Last academic year we enrolled 252 students, 268 in 2003-2004 and 272 in 2002-2003. Biology, nursing, medical technology, and vet tech students are all required to take this class.

5. How will funding of the project advance the University and College / unit technology plan?
Students currently share equipment. Nurses and physicians, other allied health professionals, biological researchers frequently work with microscopes to examine specimens. The more hands-on experience received, the better qualified the graduate for positions requiring such skills. The University specifically desires to produce a trained work force in the area of biotechnology. This laboratory equipment directly impacts training in this field.

6. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.
Drs. Joubert, Land and Orrett, with direction from Bodri, will implement the project. The 3 faculty are all trained and credentialed microbiologists with experience in teaching the labs for which the equipment is requested.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.
N/A

9. Provide a schedule for implementation and evaluation.
Equipment will be used immediately upon arrival.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.
Microscopes typically last 5-10 years depending upon quality and usage. The refrigerators have an anticipated life of 10 years. The hot-plate stirrers 6 years.

11. Attach a detailed budget, including: description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

Proposed Budget

Number	Item Description	Vendor	Unit Price	Price
2	DigiVu 2.0 Digital Microscope HT-59-1300	Carolina Biological Supply Company	$ 1515.00	$ 3030.00
21	Nikon YS100 microscope MCA51201	Nikon Instruments Inc.	$ 992.10[1]	$20834.10
6	Corning Hot plate Stirrer SS41001-D	LSU University Stores[2]	$ 324.22	$ 1945.32
2	Frigidaire Top freezer refrigerator	Sears	$ 499.00	$ 998.00
			TOTAL	$26807.42

[1]Please see the attached bid for a complete breakdown of this price per microscope.

[2]LSU University Stores has state contracts in place for all items ordered through their catalog. The departmental account with LSU university stores is MOT-00-0965.

How Proposal Supports Unit Resources

The department recognizes that a large number of students are serviced by MBIO2060. As such, funding of this proposal will allow reallocation of funds to upgrade the laboratories in other areas specifically:

New seating is required in one class;
Multimedia media projectors need to be installed in both classrooms;
Glassware must be replaced;
The cost of consumables has increased exponentially necessitating sharing among the students – lab fee money will be freed up for purchase of materials.
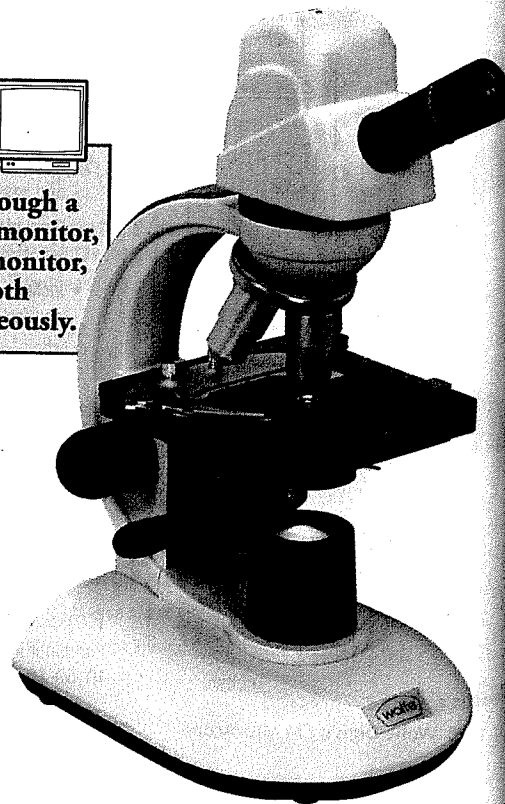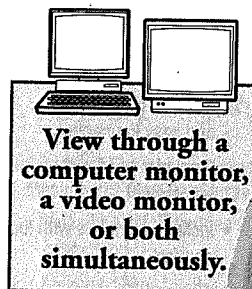
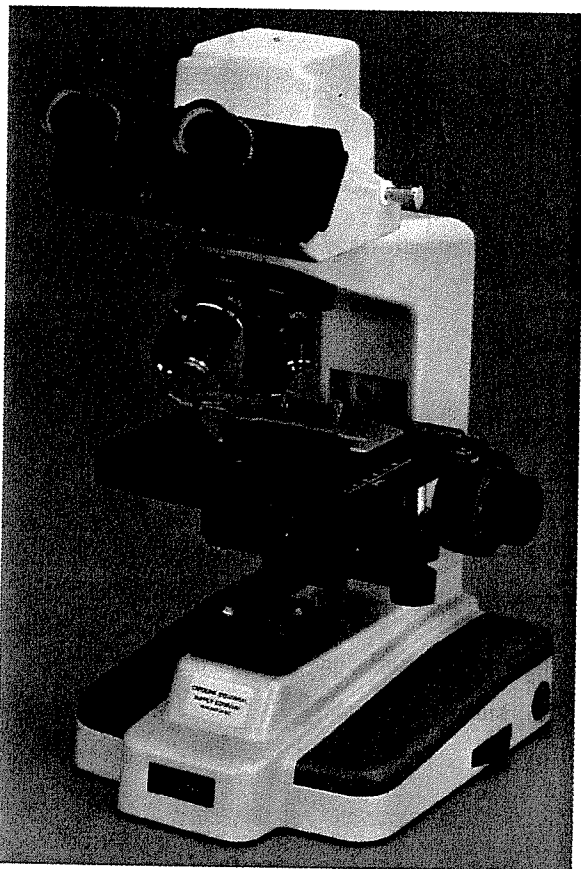## wolfe MICROSCOPES DigiVu™ Contour CVM Microscope

- Automatic white balance functions
- Monocular head with 10× widefield eyepiece
- Connects to a computer and/or a TV/monitor for independent or simultaneous viewing
- 4×, 10×, 40×, oil-immersion 100× objectives; the 40× and 100× objectives are spring loaded
- Reversed nosepiece objectives rotate out of harm's way, providing better stage access
- Slip clutch, travel stops, and tension adjustment on focus mechanism
- Separate coarse- and fine-focus adjustments
- Abbe condenser with spiral-sleeve movement
- Iris diaphragm with protective shield and filter holder
- Built-in mechanical stage with low-position coaxial controls
- In-base, variable intensity halogen illumination
- Sturdy metal base; microscope measures 14" H × 7" W × 8" D; wt, 11 lb

Includes Windows® 98-, 2000-, ME-, and XP-compatible Motic® Images 2000 software. A Macintosh® OS 9.1 version of this software is also included. Complete with S-video capability as well as RCA and USB cables. With dust cover, and software quick-start guide.
HT-59-1272 Each **$1,249.00**

View through a computer monitor, a video monitor, or both simultaneously.

HT-59-1272 Wolfe DigiVu Contour CVM Microscope
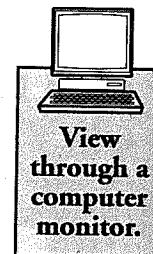
New! wolfe MICROSCOPES DigiVu™ 2.0 Research Digital Microscope

Grades 9–College.
Wolfe's highest resolution digital microscope combines a built-in, 2.0-megapixel camera with a research-level microscope. An excellent choice for advanced and college-level studies. Microscopic images up to 1,600 × 1,200 res can be captured and edited with the included Motic® 2.0 Multi-Language software. Windows® compatible. System requirements: Pentium® III or equivalent, 1 GHZ or higher; 1 GB hard disk space; 256 MB RAM; 32 MB display memory; Windows® 2000 or XP.

- Binocular head with 10×, 18-mm widefield eyepieces
- High-quality achromatic super contrast 4×, 10×, and 40× spring-loaded objectives and 100× spring-loaded, oil immersion objective
- Coaxial coarse- and fine-focus adjustments
- Built-in mechanical stage with low-position coaxial controls
- Focusable, 1.25 N.A. Abbe condenser
- Iris diaphragm with filter holder
- Halogen illumination (12 V, 20 W) with intensity control
- USB 2.0 connection, includes 2.0 PCI card
- Size, 15" H × 7" W × 9" D; wt, 15 lb

HT-59-1300 Each **$1,515.00**

View through a computer monitor.

HT-59-1300 Wolfe DigiVu 2.0 Research Digital Microscope

www.carolina.com

Nikon Instruments Inc.

1955 LAKEWAY DR. SUITE 250B, LEWISVILLE, TX. 75057
Telephone: 888-424-0880   FAX: 888-473-9511

08/23/05

Quotation #: 9561-1

To:

NORTHWESTERN STATE UNIV.
Biology

NATCHITOCHES LA,

Attention: Mike Bodri

Freight: destination

NIKON YS100 MICROSCOPES

Product #	Description	Qty	Price	Total
MCA51201	NIKON YS100 Binocular Package (120V) consisting of : Nikon YS100 Stand (120v) with in-base 6v 20w halogen illuminator continuously variable. Coaxial coarse and fine focus, focusable condenser carrier with dovetail for interchangeable condensers with quadruple nosepiece, built-in mechanical double plate stage, vinyl cover, detachable power cord, manual age 6v,20watt bulb can be remove from top without turning scope over YS-TB Binocular body tube Anti-Mold, inclined 45 degrees Jentsch prism design rotatable 360 degrees, eyepieces can be locked in place with allen key, graduated interpupillary adjustment 52-74mm, diopter adjust on both eyepieces Eyepiece YS-CF 10X with rubber eyeguard (Field No. 18) YS-CA ABBE Condenser with magifications markings for student use, lockable 33mm Blue Filter CF Achro 4X NA 0.10 WD 25mm FOV 18mm, lockable in nosepiece CF Achro 10X NA 0.20 WD 5.6mm FOV 18mm, lockable in nosepiece CF Achro 40X NA 0.65 WD 0.6mm FOV 18mm, lockable in nosepiece CF Achro 100X OIL NA 1.25 WD 0.14mm FOV 18mm, lockable in nosepiece 8cc Immersion Oil Each	21	$975.00	$20,475.00
MCM08500	EYEPIECE POINTER	21	$5.70	$119.70
MXA20415	CORD HANGER	21	$11.40	$239.40
	FREE INSTALLATION AND TRAINING	1		$0.00

Nikon Instruments Inc.
1955 LAKEWAY DR. SUITE 250B, LEWISVILLE, TX. 75057
Telephone: 888-424-0880   FAX: 888-473-9511

08/23/05

Quotation #: 9561-1   (Continued)

Product #	Description	Qty	Price	Total
	All parts and accessories must be compatible and interchangeatbe with existing Nikon Alphaphot scopes in department	1		$0.00
	Nikon Instruments, Inc. is the sole dealer and manufacturer of Nikon products for the state of La.	1		$0.00

Quote Total: $20,834.10

Nikon Warranty: All Nikon products quoted are fully warranted for 5 years parts and labor on all mechanical and optical components and 1 year on all electrical. The complete warranty statement is available for your review.
Warranty on Non Nikon Equipment: The warranties on the above quoted equipment is supported by various vendors. The individual warranties can be provided upon request.
Return Policy: The above quote may contain products that will be specially ordered for your requirements and may not be returnable. Those products that may be returned could be subject to a 15% restocking charge.
Prices Are Guaranteed for 30 days

Terms: Net 30
Delivery: 4-6 Weeks ARO
FOB: destination
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Wayne Bouchon
Sales Representative
888-424-0880 x307

UNIVERSITY STORES SCIENTIFIC CATALOG

| STOCK ID	DESCRIPTION	STOCK U/M	NBR U/M	UNIT PRICE
SS40866-B	HEATING MANTLE,HEMI, 60WATT, 50ML, GLAS-COL 100A-0394	N	1	66.79
SS40866-C	HEATING MANTLE,HEMI, 80WATT, 100ML, GLAS-COL 100A-0396	Y	1	79.24
SS40866-D	HEATING MANTLE,HEMI, 100WATT, 200ML, GLAS-COL 100A-0400	Y	1	72.40
SS40866-E	HEATING MANTLE,HEMI, 180WATT, 250ML, GLAS-COL 100A-0402	Y	1	96.14
SS40866-F	HEATING MANTLE,HEMI, 180WATT, 300ML, GLAS-COL 100A-0404	Y	1	97.16
SS40866-K	HEATING MANTLE,HEMI, 500WATT,2000ML, GLAS-COL 100A-0410	Y	1	133.91
H10430-1PT	HEMATOXYLIN-2	Y	4	57.32
H10667-50GM	HEPES,HIGH PURITY, >99.0%, AMRESCO 0511-50	Y	1	25.01
H10668-25GM	HEPES,SODIUM SALT,HIGH PURITY,>99%, AMRESCO 0485-25	Y	1	13.55
H10880-4L	HEXANES, HPLC, AMBER, EM-HX0290-1	Y	1	21.89
H10880-1L	HEXANES, HPLC, AMBER, FS/H302-1	Y	1	12.64
H10879-1L	HEXANES, SPECTRO, 1L, FS/H334-1	Y	1	12.83
H10878-1L	HEXANES, 99.9% HPLC/GC, AMBER GLASS, BURDICK & JACKSON 216-1	Y	1	10.87
H10885-4L	HEXANES,AR,ACS,BP: 68-70C, PVC, BURDICK & JACKSON AH216-4	Y	1	15.82
H10885-500ML	HEXANES,AR,ACS,68-70C, FS/H292-500	Y	1	13.33
H10877-4L	HEXANES,PESTICIDE GRADE, BURDICK & JACKSON 216-4	Y	1	23.41
H10876-4L	HEXANES,PESTICIDE GRADE, BURDICK & JACKSON 217-4	Y	1	18.84
H10876-1L	HEXANES,PESTICIDE GRADE, FS/H303-1	Y	1	12.23
H10881-4L	HEXANES,SPEC/HPLC/RESIDUE ANALYSIS EM-HX0296-1	Y	1	52.00
E1075-A	HIND III, 5,000 UNITS	Y	1	26.45
SS41059-10	HOT PLATE/STIRRER, 7 X 7", NUOVA II, THERMOLYNE SP18425	Y	1	432.11
SS41002-B	HOT PLATE/STIRRER,PC220,4 X 5", CORNG 6795-220	Y	1	280.42
SS41001-D	HOT PLATE/STIRRER,PC420,5 X 7", CORNG 6795-420	Y	1	324.22
SS41058-70A	HOT PLATE,CIMAREC-1*, 4 X 4", THERMOLYNE HP46515	Y	1	133.60
SS41058-78A	HOT PLATE,CIMAREC-3*, 12 X 12", THERMOLYNE HP47135-60	Y	1	260.39

AUGUST 2005

White Frigidaire 20.6 cu. ft. Top Freezer Refrigerator at sears.com

Page 1 of 1

Sears

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Appliances > Refrigerators > Top Freezer Refrigerators
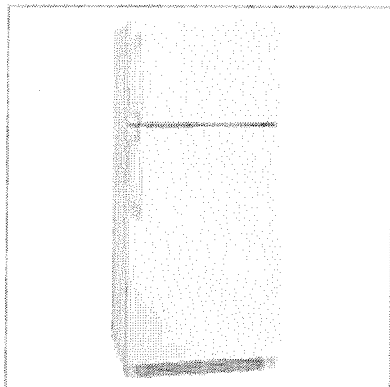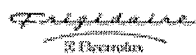
White Frigidaire 20.6 cu. ft. Top Freezer Refrigerator

Sears item #04686112000 Mfr. model #FRT21KG4EW

Top freezer refrigerator with 2 full-width slide-out glass shelves, 2 clear crispers (1 humidity-controlled) and clear deli drawer/dairy door. Full-width freezer shelf and rounded-edge door styling. Available ice maker kit (sold separately). Learn more
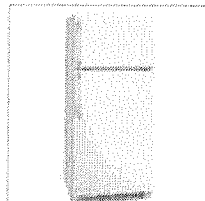
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Clear dairy/deli and crispers
Upfront temperature control knobs
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Gallon storage on the door
Full-width freezer shelf
Rounded door edges
Beverage rack
Optional ice maker kit #8087 available, sold separately

Print info on this page

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White Frigidaire 20.6 cu. ft. Top Freezer Refrigerator

$539.99
Rebate details

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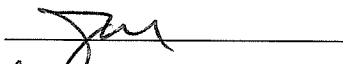

Product images may differ from actual product appearance.
Not all products are available at every Sears store. Online prices and promotions are for the continental U.S. only.

Student Technology Fee
Special Initiatives
2005-06

Name	**Signature**	**Date Reviewed**

Dr. Jim McCrory _____Jim_____ ____29/Aug/05____

Comments: Agree with Tim - more and more users are moving to DSL etc - we need complete info on # of current

(margin note, vertical:) modems in use rate.

Christyn Perot _____Christyn Perot_____ ____8/24/05____

Comments: _____

_____

Tim Chadbourne _____TC_____ ____8/24/05____

Comments: _Current modem use needs to be reviewed before this is approved._

_____

Stephen Hoover _____ _____

Comments: _____

_____

Dale Martin _____ ____8-24-05____

Comments: _I need more info on materials + services planned_

_to be implemented_____

Date Given to IS
8/23/05

Date Received from IS
8/29/05

Student Technology Fee
Special Initiative Funding Request Form
Northwestern State University of Louisiana

Prepared by: __Tommy Tilley & Juanita Darby__ Department __Math__

College or Unit: ____Math____ Campus: ____Leesville/Fort Polk____

Submitted to:_____ Date __08/17/05__ Fiscal Year: ____2005-2006____

---

1. Describe target audience.

    NSU Students located on the Leesville/Ft. Polk Campus.

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2. Describe project/initiative for which you are requesting funds.

    To upgrade modems on the Leesville/Ft. Polk campus.

---

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

    To upgrade the dial up services available to students living in the Leesville/Ft. Polk campus area to match the same speed available to other NSU campuses.

---

4. Indicate how each project objective will be evaluated.

    Network administrator, Steven Hoover, will run a daily use log. The Leesville/Ft. Polk Technology committee will review the daily use log to evaluate the average number students using the dial up system.

5. Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

The present modems available for student dial up are 28.8K. It is important for the students located in the Leesville/Ft. Polk area to be able to connect to the network at the same speed available to the other campuses. Many students living in this area take internet courses and need this connectivity to participate in internet classes effectively.

6. How will funding of the project advance the University and College / unit technology plan?

The objective continues to support the five year technology plan instituted by the University by establishing equivalent access to technology on the Leesville/Ft. Polk campus.

7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Steven Hoover with Telecommunication

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

none

9. Provide a schedule for implementation and evaluation.

Once approved, equipment will be ordered immediately and normally takes 4-6 weeks for delivery.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

   Hardware expected life is 5-7 years. Software upgrades are included in the service contract through the same version. A software upgrade to the next version may be necessary in three to four years.

11. Attach a detailed budget, including: description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

BUDGET

Description	Quantity	Unit Price	Item Total
Modem upgrade			2600.00
Total Cost			**$ 2600.00**

Welcome **Stephen Hoover** | Your cart contains: 1 item(s)

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SHOPPING CART	Attachments Save As Template	Save as Quote Check Out	Empty Cart Update Cart
Description		**Unit Price** **Quantity**	**Ext Price**
Config Set # CS6892913		1	$ 2,508.00
	CISCO 16 port Analog Modem Network Module with V.92 Mfr Part #: NM-16AM-V2=	$ 2,508.00 1	
		SUB TOTAL:	$ 2,508.00
		GRAND TOTAL:	**$ 2,508.00**
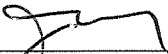
Continue Shopping
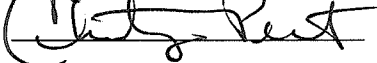
Student Technology Fee
Special Initiatives
2005-06

Name   **Signature**   **Date Reviewed**

Dr. Jim McCrory _____ _29/h/os_

Comments: _It is not clear if this is a stand alone a_ _netunhed sptn - if netunhed we need to take a_   *clear look.*

Christyn Perot _____ _8/24/05_

Comments:_____

_____
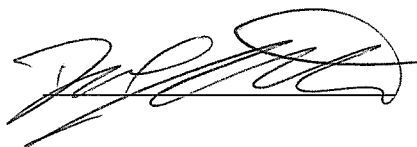
Tim Chadbourne _____ _8/24/05_

Comments: _Need info on software to be implemented. New software implementations_ _need to be reviewed and approved by IS._

Stephen Hoover _____ _____

Comments:_____

_____

Dale Martin _____ _8-24-05_

Comments:_____

_____

Date Given to IS _____   Date Received from IS

_8/25/05_   _8/29/05_

Student Technology Fee
Special Initiative Funding Request Form
Northwestern State University of Louisiana

Prepared by: __Tommy Tilley & Juanita Darby__ Department __Math__

College or Unit: __Math__ Campus: __Leesville/Fort Polk__

Submitted to:_____ Date __08/17/05__ Fiscal Year: __2005-2006__

1. Describe target audience.

   All NSU Students attending the Leesville/Ft. Polk Campus.

2. Describe project/initiative for which you are requesting funds.

   To purchase an interactive message board for the Leesville/Ft. Polk campus.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

   Determine the number of sites accessed by the Leesville/Ft. Polk students.

4. Indicate how each project objective will be evaluated.

   A web counter will be used to determine the number of visits students make to each site. This count will be reviewed by Leesville/Fort Polk Technology committee.

5.   Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

The present time information is disseminated by posting information on bulletin boards and announcements. This method has proven to be ineffective, especially with the nontraditional students who attend night classes.

In an effort to appeal to more students and make information readily and consistently available, Leesville/Ft. Polk is requesting an interactive message board. The interactive message board would be placed in a prominent location where students will have easy access. This media source would make information available to all students after regular hours, especially the nontraditional students who only attend night classes. The interactive message board would be a great enhancement to the Leesville/Ft. Polk campus.

7. How will funding of the project advance the University and College / unit technology plan?

The objective continues to support the five year technology plan instituted by the University by increase communication with students on the Leesville/Ft. Polk campus through technology.

8. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Tommy Tilley, Senior Technical Support Specialist.

9. Describe any personnel (technical or otherwise) required to support the project/initiative.

Carpenters and electricians might be necessary.

10. Provide a schedule for implementation and evaluation.

Once approved, equipment will be ordered immediately and normally takes 4-6 weeks for delivery. All services should be available to students for start of Spring Semester.

11. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

   Hardware expected life is 5-7 years. Software upgrades are included in the service contract through the same version. A software upgrade to the next version may be necessary in three to four years.

12. Attach a detailed budget, including: description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

   Leesville will purchase the software necessary for the interactive message board.

Buy Online or Call 1-888-997-3355

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Louisiana State Contract # 403834 Comm Code 204-68-000865

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E006620466 Detail

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Total Price*: $2,299.08

Description	Quantity	Unit Price	Item Total
1 DIMENSION XPS GEN 5 Pentium® 4 Processor 640 with HT Technology (3.20GHz, 800 FSB)	1	$2,299.08	$2,299.08
↳ Reconfigure 🗑 Remove	▸ Update		

Date:	Monday, August 22, 2005 1:51:56 PM CST
Catalog Number:	84 RC961325
DIMENSION XPS GEN 5:	Pentium® 4 Processor 640 with HT Technology (3.20GHz, 800 FSB) MX640B - [221-8313]
Operating System:	Microsoft® Windows® XP Professional WPXP - [313-7222] [412-0721] [420-4927] [420-4939]
Memory:	1GB Dual Channel DDR2 SDRAM at 667MHz - 2 DIMMs 1GB62 - [311-5029]
Keyboard:	Dell Wireless Keyboard and Optical Mouse WIREKM - [310-4164]
Monitor:	Video Ready w/o Monitor N - [320-4278]
Video Cards:	256MB PCI Express™ x16 (DVI/VGA/TV-out) nVidia GeForce 6800 NV6800 - [320-4091]
Hard Drive:	80GB Serial ATA Hard Drive (7200RPM) 80S - [341-0986]
Floppy Drive and Media Reader:	3.5 in Floppy Drive FD - [340-8628]
Mouse:	No Mouse NM - [310-3799]
Modem:	No Modem Requested N - [313-3607]
Adobe Software:	Adobe® Acrobat® Reader 6.0 AAREAD - [412-0705]
CD or DVD Drive:	Single Drive: 16X DVD-ROM Drive 16DVD - [313-2596] [420-5265]
Sound Cards:	Sound Blaster Audigy™ 2 ZS (D) Card w/Dolby 5.1, IEEE 1394 capability SBA2X - [313-3041]
Speakers:	Dell A425 30 Watt 2.1 Stereo Speakers with Subwoofer A425 - [313-3213]
Office Productivity Software (Pre-Installed):	No Microsoft Office MSONO - [412-1397]
Security Software:	No Virus Protection Requested NOAV - [461-8389]
Digitial Music:	Musicmatch® Jukebox Basic MMBASE - [412-0741]
Digital Photography:	Photo Album™ SE Basic DPS - [412-0744]
Limited Warranty, Services and Support Options:	3 Year Limited Warranty plus 3 Year NBD On-Site Service U3OS - [950-5462] [960-1692] [960-6150] [960-6360]

Internet Access Service:	No ISP requested NISP - [412-0148] [412-0670]
Financial Software:	No QuickBooks package selected- Includes limited use trial QBSSP - [420-5136]
Wireless Networking Solution:	Dell Wireless; 1450 WLAN (802.11a/b/g) USB 2.0 DT Adapter DW1450 - [430-1183]

⸕ add item to your E-quote

| Total Price* | $2,299.08 |

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E-quote E006620466 Details

Saved By	Thomas Tilley(tommy@nsula.edu)
Saved On	8/22/2005
Expires On	10/21/2005
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Notes / Comments	
Purchasing Agent's Name	
Notes / Comments	

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E006620580 Detail

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Total Price*: $1,079.96

	Description	Quantity	Unit Price	Item Total
1	PT191MU 19-inch Black USB Touchscreen Multimedia LCD Monitor	1	$1,079.96	$1,079.96

> View Item Details   🗑 Remove   ᴺ Update

▸ add item to your E-quote

Total Price*	$1,079.96

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E-quote E006620580 Details

Saved By	Thomas Tilley(tommy@nsula.edu)
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Purchasing Agent's Name	
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PLANAR
PT191MU 19-inch Black USB Touchscreen Multimedia LCD Monitor
$1,079.96
Usually Ships: 1-2 Weeks

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| Overview | Tech Specs | Highlights |

Color: Black

Diagonal Size: 19"

Form Factor: Internal

Display Type: Active Matrix TFT LCD

Display Type: Flat panel display / TFT active matrix

Interface: DVI, VGA (HD-15)

Depth: 22.9 cm

Features: Capacitive touch screen, 25 ms response time, 56–75 Hz refresh rate, Multi-language support, On Screen Display (OSD), Anti-glare coating, Kensington® security slot

Features: Locking device keyhole (cable lock)

Height: 43.7 cm

Weight: 21 lbs

Weight: 9.53 kg

Width: 44.2 cm

Image Max H-View Angle: 170

Image Max H-View Angle: 170°

Image Max V-View Angle: 170

Image Max V-View Angle: 170°

Analog Video Signal: RGB

Audio Output: Speaker(s) - integrated

Cable(s) included: 1 x 15-pin D-sub Analog VGA video display cable, 1 x 24-pin DVI cable, 1 x standard power cable, 1 x audio cable, 1 x USB cable

Color Support: 24-bit (16.7 million colors)

Compliant Standards: FCC Class B certified, CE, CSA, UL

Device Type: Flat panel display / TFT active matrix

Device Type: Touchscreen LCD Monitor

Dimensions (WxDxH): 17.4" x 9.0" x 17.2"

Dimensions (WxDxH): 44.2 cm x 22.9 cm x 43.7 cm

Enclosure Color: Black

Image Brightness: 250 cd/m2

Image Brightness: 250 cd/m² (typical)

Image Color Temperature: Adjustable

Image Contrast Ratio: 500:1

Image Contrast Ratio: 500:1 (typical)

Input Device: Touch-screen

Max Resolution: 1280 x 1024

Max Resolution: 1280x1024 pixels (XGA)

Max Sync Rate (V x H): 75 Hz

Port(s) Total (Free) / Connector Type: 1 x 15-pin D-sub VGA, 1 x 24-pin DVI , 1 x USB hub (2+1), 1 x USB for touch screen, 1 x Audio

Power: AC 110/230 V (50/75 Hz)

Power Consumption Operational: 60 Watt

Speaker(s): Integrated stereo speakers with 1 W/channel

Type: Speaker(s) - integrated

Type: Touch-screen

Voltage Required: AC 110/230 V (50/75 Hz)

Power Consumption Stand by / Sleep: 5 Watt

Movement Detection Technology: Capacitive

Compatibility: PC

Compatibility: PC/Mac

Response Time: 25 ms

Display Screen Coating: Anti-glare

Flat Panel Mount Interface: 100 x 100 mm

Controls / Adjustments: Mute, volume, brightness, contrast, H/V position, sharpness

Product Description: Planar PT191MU - flat panel display - TFT - 19"

Cables Included: 1 x VGA cable ¦ 1 x audio cable ¦ 1 x USB cable ¦ 1 x DVI cable

Interfaces: 1 x audio line-in - mini-phone stereo 3.5 mm ¦ 1 x VGA - 15 pin HD D-Sub (HD-15) ¦ 1 x USB - 4 pin USB Type B ¦ 2 x USB downstream - 4 pin USB Type A ¦ 1 x USB upstream - 4 pin USB Type B ¦ 1 x DVI-

Dot Pitch / Pixel Pitch: 0.294 mm

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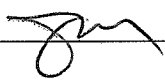
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Large Text
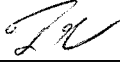
sn SNP3

Student Technology Fee
Special Initiatives
2005-06

Name	**Signature**	**Date Reviewed**

Dr. Jim McCrory

Comments:_____

Christyn Perot   8/24/05

Comments:_____

Tim Chadbourne   8/24/05

Comments:_ Budget sheet with Linksys parts should be removed

Stephen Hoover

Comments:_____

Dale Martin   8-24-05

Comments:_____

Date Given to IS
8/23/05

Date Received from IS
8/29/05

Student Technology Fee
Special Initiative Funding Request Form
Northwestern State University of Louisiana

Prepared by: __Tommy Tilley & Juanita Darby__   Department __Math__

College or Unit: ____Math____   Campus: _____Leesville/Fort Polk_____

Submitted to:_____Date __08/17/05__ Fiscal Year: ____2005-2006____

---

1. Describe target audience.

   NSU Students located on the Leesville/Ft. Polk Campus.

---

2. Describe project/initiative for which you are requesting funds.

   To upgrade wireless network on the Leesville/Ft. Polk campus.

---

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

   Expansion of available services to students on the Leesville/Ft. Polk campus.
   To upgrade the wireless network on the Leesville/Ft. Polk campus to be compatible and equivalent to the main campus wireless network.

---

4. Indicate how each project objective will be evaluated.

   Student requesting access to the wireless network will be asked to complete a survey regarding their experience with the wireless system. These surveys will be reviewed by the Leesville/Ft. Polk Technology committee to evaluate the effectiveness of this equipment.

5. Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

The present wireless network will only accommodate approximately 10 students before the network speed in drastically reduced. It is important to upgrade the access because more and more students are requesting this service.

6. How will funding of the project advance the University and College / unit technology plan?

The objective continues to support the five year technology plan instituted by the University by providing wireless access at the building level on all campuses.

7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Steven Hoover with Telecommunication

8. Describe any personnel (technical or otherwise) required to support the project/initiative.
none

9. Provide a schedule for implementation and evaluation.

Once approved, equipment will be ordered immediately and normally takes 4-6 weeks for delivery. All services should be available to students for start of Spring Semester.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

   Hardware expected life is 5-7 years. Software upgrades are included in the service contract through the same version. A software upgrade to the next version may be necessary in three to four years.

11. Attach a detailed budget, including: description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

BUDGET

Description	Quantity	Unit Price	Item Total
Linksys Dual-Band Wireless A + G Access Point	6	134.95	809.70

Total Cost			$ 809.70

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	Description	Unit Price	Quantity	Ext Price
Config Set # CS6893034			1	$ 3,587.01
	CISCO 802.11g IOS AP w/Avail CBus Slot, FCC Cnfg Mfr Part #: AIR-AP1231G-A-K9	$ 512.43	7	
	CISCO AIR Line Cord North America Mfr Part #: AIR-PWR-CORD-NA	$ 0.00	7	
	CISCO Cisco 1200 Series IOS WIRELESS LAN Mfr Part #: S12W7K9-12304JA	$ 0.00	7	

	SUB TOTAL:	$ 3,587.01
	GRAND TOTAL:	**$ 3,587.01**

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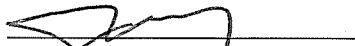
Student Technology Fee
Special Initiatives
2005-06

Name	Signature	Date Reviewed

Dr. Jim McCrory

Comments: _Whatever Software used should become standardized_
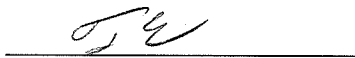
Christyn Perot   CP   8/25/05

Comments:
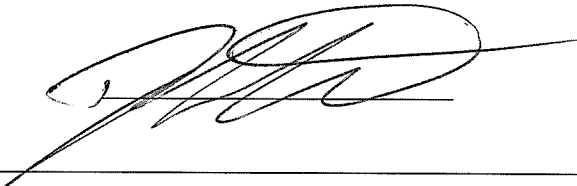
Tim Chadbourne   8/26/05

Comments: _Another software implementation to be supported by IS. Who decided that this was the best software for NSU to use in this area?_

Stephen Hoover

Comments:

Dale Martin   8/29/05

Comments:

Date Given to IS   Date Received from IS
8/25/05   8/29/05

Student Technology Fee
Special Initiative Funding Request Form
Northwestern State University of Louisiana

Prepared by: __Steve Hicks__   Department __Disability Services__

College or Unit: __University College__   Campus: __NSU – Natchitoches__

Submitted to: __Jennifer Long__   Date __08–24–05__   Fiscal Year: __2005–2006__

1. Describe target audience.

   The target student is any deaf student at Northwestern State University. This fall it will be Spencer Frey, an entering first-year student. Frey and others like him are entitled to have equal access to education as per compliance with federal mandates—the American with Disabilities Act of 1990 and the Rehabilitation Act of 1973.

2. Describe project/initiative for which you are requesting funds.

   The initiative is to purchase a laptop and computer software called "iCommunicator." This is a software program that efficiently converts the course instructors's speech to (1) text and (2) video sign language, for use in the classroom and later study. It is a patented communication access technology that solves very difficult communication challenges in education, the workplace, and public access venues.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

   Objective 1: To accommodate the disability in the most effective way. This way provides autonomy and self-reliance for the student, both inside class and at home.
   Objective 2: To negate the need for an interpreter to accompany the student. This is less obtrusive in the classroom setting and less expensive because of multiple uses.
   Obejective 3: To train affected students and faculty in techniques for using the equipment. This will maximize communication in academic and other settings.

4. Indicate how each project objective will be evaluated.

   Objective 1: The student will express satisfaction with the accommodation as measured through a formal consultation with the coordinator of disability services.
   Objective 2: The student will rely on the equipment and not need an intrepreter, as indicated in formal consultation with the coordinator.
   Objective 3: The student will be satisfied with the effectiveness of his communication with faculty and peers, and will demonstrate learning through acceptable class participation and grades.

5. Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

There is a legal justification in that accomadations must be provided for students with disabilities. As an institution of higher education that receives federal funds, Northwestern State University must comply with the ADA of 1990 and section 504 of the Rehabilitation Act of 1973. This technology will serve to be the most reasonable accomodation* for this student, and one requested by the current student to improve his communication access with his faculty, peers, residence hall mates, and others.

6. How will funding of the project advance the University and College / unit technology plan?

It will bring us into full compliance with the needs of this student with a disability.

7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Steve Hicks, M.A.
Coordinator of Disability Services (January '97 to present)
Experienced with the Dragon Naturally Speaking software product '97 version from another grant written eight years ago.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

No additional personnel required.

9. Provide a schedule for implementation and evaluation.

Order the product as early as September 1 or 2, 2005. It should take less than two weeks for delivery. The software will be configured on the DELL lap top. Set-up time should take less than 2 hours as each of Spencer's classroom professors will need to train their voices to the software (about 30 minutes per professor). In the meantime, a level 4 interpreter from Calhoun, LA, (95 miles one way) is driving to NSU-Natchitoches twice a week to accommodate Mr. Frey with his communication. Evaluation will be ongoing with student, Steve Hicks and product vendor.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

The projected life of the hardware and software is 4 years.

11. Attach a detailed budget, including: description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

Please see attached.

*Note: The other accommodation option—an interpreter—is limited to the classroom and thus not a round-the-clock accommodation. There are few if any qualified, level 4 or 5 interpreters that are available and willing to work part time in this 120 mile radius of Natchitoches. (See attachment from Deaf Action Center Director Cynthia Pace).

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1	HEA001 / ICOMPROF ICOMMUNICATOR V4.0 PROFESSIONAL	1	6,250.00 EA			6,250.00
2	MIS001 DELL 17" NOTEBOOK	1	1,550.00 EA			1,550.00

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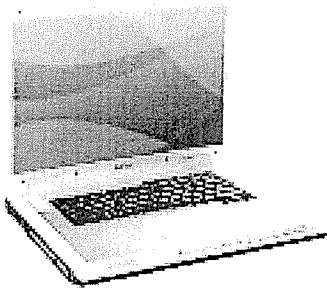
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  Intel® PRO/Wireless 2200 Internal Wireless (802.11 b/g, 54Mbps)
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iCommunicator™ 4.0 Overview

The iCommunicator™ software program Version 4.0

is a leading edge communication access technology. This very powerful tool provides a multisensory, interactive communication solution for persons who are deaf or hard of hearing and other persons who experience unique communication challenges. The iCommunicator promotes independent communication for persons who are deaf or hard of hearing, and is offered as an alternative, rather than a replacement, for sign language interpreters.

Real-time Translation

Speech-to-Text-to-Sign

As the first advanced speech-to-text technology of its kind to enter the marketplace, the iCommunicator allows effective two-way communication to occur in most natural environments. Speakers create a speech/voice profile and then transmit to the end user's computer where the iCommunicator program efficiently converts in real-time:

> *Speech To Text*

> *Speech To Video Sign Language*

> *Speech To Computer Generated Voice*

> *Text To Computer-generated Voice Or Video Sign Language*

End User Benefits

Unparalleled Opportunities

The iCommunicator's unique technological features provide end users with unparalleled opportunities to achieve efficient, effective communication in most natural environments. A simple point and click of the iText tool allows end users to have email, web pages, and documents created in other applications signed and/or spoken through the iCommunicator program. End users have the opportunity to:

> *Achieve Equal Access to Acoustic Information*

> *Increase Spoken Language Comprehension*

> *Achieve Two-way Communication*

> *Improve Reading And Language Skills*

> *Increase Independence And Self-confidence*

> *Increase Opportunities For Advancement and Success in Education, Employment, Personal Relationships, and Public Access Venues*

> *Improve Quality of Life*

The iCommunciator program is being used in K-12 education, post-secondary institutions, government, and public access sites across the United States and Canada.
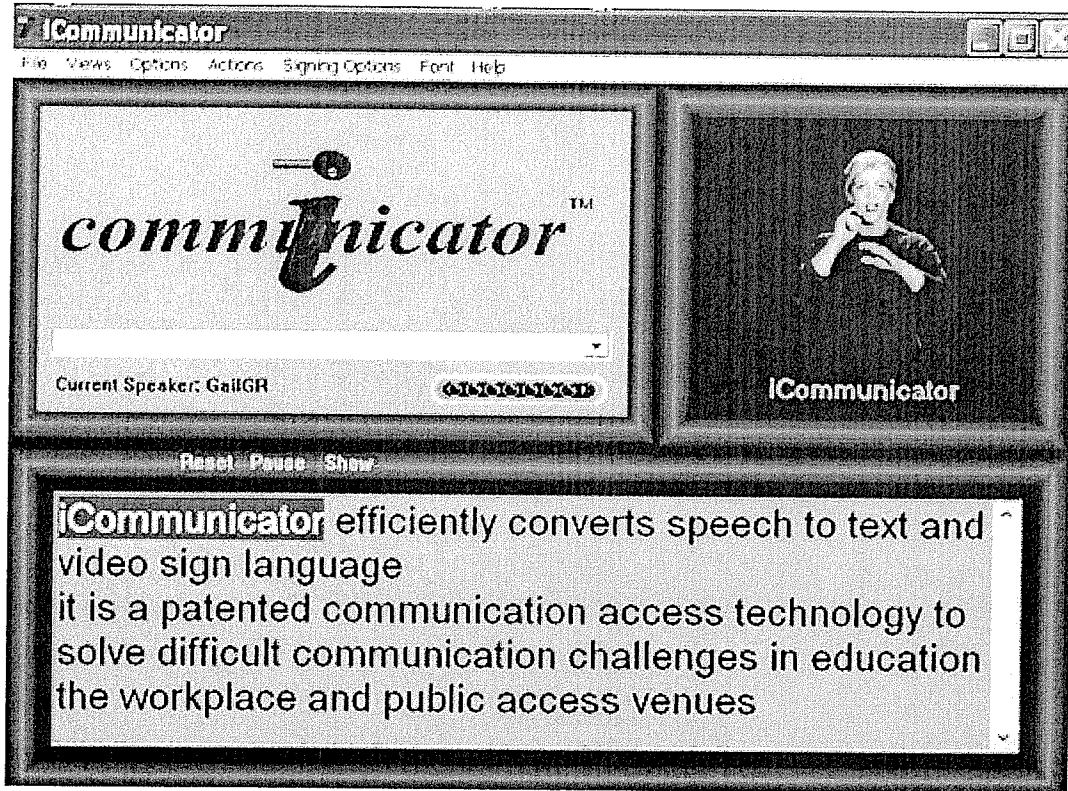
(image smaller than actual size)

iCommunicator™, V.4.0, Software and Peripheral Kit

Version 4.0 offers an enhanced sign language presentation, the new iText tool, and an upgraded speech/voice recognition engine. Dragon NaturallySpeaking Professional, the underlying speech/voice recognition engine, offers many features to personalize a speaker's speech and voice recognition file and provides the highest speech-to-text translation accuracy in the speech/voice recognition industry. Owners can easily install the software on their own computer using the autoload installation guide. When used on a notebook computer, iCommunicator becomes a portable, interactive solution to communication accessibility challenges in ultiple environments - educational, workplace, and public venues.

The 4.0 software and peripheral kit includes:

> *iCommunicator Software Kit V 4.0*

> *Dragon NaturallySpeaking Professional*

> *iCommunicator User Guide and Training Manual*

> *Audio Cables (connector cable, Y-cable)*

> *Hardware Security Key*

> *Microphone options - wireless or wired*

>> *Professional Version - LightSPEED LES 370 wireless RF system with TK-250 noise canceling microphone (LightSPEED system includes 370R receiver, 370T transmitter and TK-250 microphone, BC-4 battery charger & cables, 2 NiMH rechargeable batteries.)*

>> *Standard Version - Parrott Bermuda direct-connect microphone*

High Quality Speech Input

The manufacturer has qualified the LightSPEED and Parrott units as the only high quality microphones that are compatible with the iCommunicator software in order to achieve maximum translation accuracy. Prior to shipping, the LightSPEED system is professionally calibrated to optimal settings to support maximum performance and translation accuracy. Peripheral assistive hearing devices such as personal FM systems, hearing aids, and cochlear implant speech processors may be coupled with the computer to take advantage of the iCommunicator's unique features. The LightSPEED LES 370 FM system transmits on the 216 MHz and is compatible with Phonak's Microlink and other FM devices transmitting on that carrier frequency. The LightSPEED FM transmits up to 300 ft., allowing the speaker flexibility when transmitting to the computer.

iCommunicator™ - Program System Features and Benefits

Advanced technology to solve difficult communication challenges in education, the workplace, and public access areas

iCommunicator™ Capabilities and Possibilities

The capabilities of the iCommunicator™ provide end users with a myriad of possibilities to increase independence and achievement, and improve communication and quality of life. Major code changes have been made in Version 4.0 to ensure a reliable and efficient program.

> Receive equal access to acoustic information.

> Reduce communication barriers in all natural environments

> Provide equal access to acoustic information in listening environments.

> Build self-confidence and increase participation and independence in everyday learning and communication activities.

> Provide an interactive solution to communication accessibility challenges in educational, workplace, and public venues.

> Increase achievement and advancement in educational and workplace environments

> Provide privacy in sensitive communication situations

Efficient Real-time Translation

> Speech to text

> Speech to video sign language

> Speech to computer-generated voice

> Text to computer-generated voice or video sign language

Special Features for End Users

The iCommunicator™ program's unique technological features provide end users with unparalleled opportunities to achieve efficient, effective communication. The signing engine has been reengineered to provide faster speech-to-text-to-sign conversion. More than 9,200 individual video clips are contained in the iCommunicator™ program's lexicon.

Translation Actions and End User Options

> Translates spoken language to real time on-screen text

-- adjust the font size for comfortable viewing

-- adjust the size of the text window display

> translates spoken language to video sign language

> signs on-screen text

-- adjust the signing speed

-- adjust the size of the signing window (custom mode)

-- locate a sign using the word list feature

> speaks on-screen text using a clear computer-generated voice

-- select the speaking voice (e.g., male or female)

-- adjust the pitch and rate (e.g., speed) of the computer-generated speech

-- deliver written manuscripts and reports using computer-generated speech

-- listen to stories or lectures delivered via computer-generated speech

Other Unique Features and Capabilities

> save text for later use, editing, or clarification

> save text for later use, editing, or clarification

> use the iText tool to have email, web pages, and other documents signed and/or spoken through the iCommunicator program

> insert notes into real time text for later reference

> formulate questions and statements for immediate response in class, during meetings, or personal conversations

> prepare and execute ideas, formulated statements and questions using Quick Say/Edit function keys

> quickly navigate the keyboard using hotkeys

> choose a desirable, personalized color scheme

> select a comfortable mode of computer use -- either standard mode or custom mode *lock* signing (if preferred)

> protect notes by using Autosave and selecting the time interval

> eliminate unwanted translations by monitoring the onscreen microphone ON/OFF button

Potential to Improve Speech Recognition and Intelligibility

> speaks incoming words to enhance speech recognition ability

> allows for text converted to speech playback at variable rates to improve speech recognition and intelligibility

> allows coupling of peripheral hearing devices (e.g., hearing aids, FM systems, cochlear implant speech processors) directly to the computer to clearly hear the speaker or the computer generated voice

Opportunity to Enhance Language and Literacy Skills

> access definitions using the electronic dictionary

> access the sign for a specific word in the Text Window

> immediate text display using Show Results Box

> associate spoken words with displayed text and sign language delivered in English word order

Special Features for Speakers

The iCommunicator's exclusive features provide speakers the opportunity to easily and directly converse with persons with special communication needs.

> enhanced speech and voice recognition translation accuracy through iCommunicator's expertly integrated system

> user friendly on-screen prompts and dialogue boxes to assist speakers during speech/voice recognition training

> speaker verification window to protect the user's speech/voice files

> opportunity for most speakers to achieve 90% (or better) speech and voice recognition translation in less than 1 hr. of training time

> fine tuning of speech/voice file through a guided vocabulary building process

> ability to decrease speech/voice recognition training time by analyzing documents (e.g., electronic versions of texts and manuscripts, scanned materials, summaries, glossaries, and vocabulary lists)

> fine tune speech/voice file using special features in Dragon NaturallySpeaking, such as the Accuracy Center and the Acoustic Optimizer
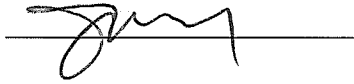
Student Technology Fee
Special Initiatives
2005-06
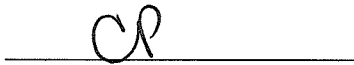
Name	**Signature**	**Date Reviewed**

Dr. Jim McCrory

Comments:_____

_____

Christyn Perot   *CP*   8/25/05

Comments:_____

_____

Tim Chadbourne   8/26/05

Comments:_____

_____

Stephen Hoover   _____   _____

Comments:_____

_____

Dale Martin   8/29/05

Comments:_____

_____

Date Given to IS   Date Received from IS

8/25/05   8/29/05
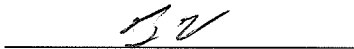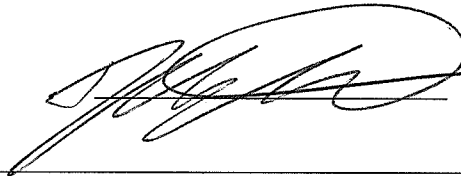
Student Technology Fee
Special Initiative Funding Request Form
Northwestern State University of Louisiana

Prepared by: _Michael Rorex_ Department _CAPA_

College or Unit: _____ Campus: _Natchitoches_

Submitted to: _Alan Sypot_ Date _8/20_ Fiscal Year: _____

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1. Describe target audience.

   All NSU Students located on the Natchitoches Campus.
   Specifically the CAPA Department.

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2. Describe project/initiative for which you are requesting funds.

   To purchase equipment for CAPA that will provide students with greater practice and learning opportunities. We wish to purchase a total of six new disklavier pianos 4 studio style, 2 grand style. These disklaviers allow students to have a accompanist at there disposal at any given point in time, it will also allow students who are piano majors an opportunity to have a note by note recording of their performances or rehearsals and study them for very closely for improvements that need to be made.

   Our two music history classrooms, one of which also houses the Fine Arts class which all NSU student are required to take, have very old audio/video equipment that needs to be replaced. Both of these classes listen to a lot of recordings and watch a lot of performances, the equipment now is not of a quality that serves our students well.

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3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

   The disklavier project will directly impact students. The disklaviers will be located in practice rooms and measurable improvement will be made in the students who use these machines. Students who practice with these machines will show a greater comfort and knowledge of their accompaniment.

   The audio/video project will have an instant impact on the students. It will provide them with better listening and viewing opportunities.

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4. Indicate how each project objective will be evaluated.

   Practice rooms are regularly monitored and will continue to be, so that we will have a good idea of the number of students using these machines.

   The audio/video project will be located within classrooms and will be used for any and all audio/video presentations. No further evaluation will be needed.

Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

The CAPA department is one of the largest on campus. The disklavier project is unique in that it reaches more than one faction of the CAPA department. Both the theater, and music departments will benefit from this greatly. This is around   students.

The audio/video project will benefit every student on campus, as all students have to take Fine Arts class.

5. How will funding of the project advance the University and College / unit technology plan?

Objective 1. Improve access to campus resources
Objective 2. Construct multimedia classrooms (including hi-resolution projection systems, SMART boards, etc.) in conjunction with Multimedia laboratories
Increase multimedia equipment availability for student presentations

6. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Once the equipment has been installed the entire CAPA department will be able to utilize the equipment. Dr. Fitenko, Dr. Thompson and Mr. Rorex all have a great deal of knowledge about the equipment being purchased and will be able to see to the success of the project.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

As with any piano an occasional tuning will be required, the CAPA department already has an individual in charge of this. Other than the occasional maintance required, the machines will be self supported.

9. Provide a schedule for implementation and evaluation.

Once the equipment has been received in will be installed in the practice rooms that have been designated for student use. The audio and video equipment can also be easily installed and ready for use in these classrooms immediately.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

The discklaviers have a very long life expectancy. The computer system in the computer, under proper care would last ten years or more without needing updating. The only useful upgrade that is going to be possible in the next five years would be a CD reader in addition to the disc reader. The piano's themselves will be usable for twenty plus years.

The audio video equipment will bring the rooms up to date, the equipment would be expected to last at least 10 years and no upgrades would be anticipated.

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11. Attach a detailed budget, including: description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

msn® ® Hotmail®

From :   <RGoodrich2@aol.com>
Sent :   Friday, July 22, 2005 12:33 PM
To :   asypert@hotmail.com
Subject :   Disklavier Bid

Hi Alan -

Thank you for the opportunity to work with the SGA on the purchase of the Yamaha Disklavier Pianos. We were delighted to provide the previous units and continue to service those as necessary.

Here is our offering...

4 - Yamaha DU1A, 48" Professional Upright, Disklavier Pianos, Polished Ebony.
      Including: unpacking and full inspection at our facility
                     proper delivery and set up to the location(s) desired
                     2 - complete tunings and servicings
                     10 year Yamaha Warranty
                     Yamaha ServiceBond
                     matching bench

unit cost (each) $9,060.00   Total: $36,240.00

Again, thank you, and I look forward to working with you.

Sincerely,

Raymond J. Goodrich, II
President
Red River Music, Inc.
5731 Jackson St. Ext.
Alexandria, LA 71303
318-443-6365

Yamaha DU1A 48" Disklavier Piano **$9,200** per unit quote Red River Music	$19,895 per unit 4 units	4 x $9,200.00
Yamaha DC2M4 Disklavier Piano **$26,500** per unit quote Red River Music	$50,000 per unit 2 units	2 x 26,500.00
Sony Wega 57" Television Best Buy	$2,400.00 per unit 2 units	2 x 2400.00
Sony 1000W 6.1 CH. Home Theater Sys. Best Buy	$500.00 per unit 2 units	2 x 500.00

$ 95,600.00

All product specs are attached as well.

⊛YAMAHA

YAMAHA CORPORATION OF AMERICA

DC2M4

**Mark IV Series Full-Function
Grand Pianos**

🔍 Enlarge Picture

Built to Perform

The Ultimate in Personal Music Entertainment

Ever since the original Yamaha Disklavier introduced the marvels of hybrid acoustic/digital pianos back in 1986, these computer-age player pianos have evolved into instruments that can reproduce live acoustic piano concerts and ensemble music with instrumental backings and vocal tracks. The Disklavier Mark IV takes this all a step further. Yamahas unique combination of both acoustic and digital superiority has made it the obvious choice of music-lovers, pianists, and educators worldwide. Its easy-to-operate user functions make the Disklavier a breeze to customize and automate, always giving you the right music at the right time. Combining the tone and touch of world-class Yamaha grand pianos with an astonishing range of interactive capabilities, the Mark IV is the ultimate piano for home entertainment systems, business establishments, or educational and creative environments.

An Easy-to-Use, Yet Advanced Music Entertainment System

Pocket Remote Control (PRC-100)

The sleek, compact design of the PRC-100 literally packs all of the Disklavier Mark IVs features and functions into a single hand-held device. Its intuitive full-color

touch screen (320 x 240 pixels) is as easy to read as it is to use. You can browse your entire library with the handy stylus, or create custom playlists using the built-in QWERTY keypad.

Music So Inspiring Youll Want to Sing Along

Just connect a microphone to the Disklavier Mark IV piano and sing along through its built-in speakers. To fine-tune your experience, the Mark IV offers performance-enhancing vocal effects including room, stage, hall, and reverb. You can choose to display song lyrics externally on any TV monitor or on internally via the Tablet Remote Control. To browse the vast library of song disks available, visit www.yamahamusicsoft.com.

A Built-In Amplified Speaker System Only Possible From Yamaha

The Disklavier Mark IV performs as a stand-alone unit or as part of the ultimate home audio/video system. With genuine Yamaha speakers, each powered monitor is discretely mounted at an outward angle sending music away from the piano for a more spacious overall sound. For larger audio systems and installations, flexible output routings are provided to send music to any part of the house your system allows. Outputs assigned to areas far from the Disklavier can have a digital piano sound inserted into the audio stream, while keeping a background only mix sounding in areas near the acoustic piano.

Low-Profile Hardware Provides the Gateway for All of Your Music Software

Using the Media Center, software can be played directly from the built-in floppy disk and CD drives, and removable USB storage devices*, or loaded to internal memory for easy access. Convenient connections include headphone outputs, microphone input, and USB ports. The retractable glossy, black cover conceals the Media Center and matches the finish of the piano's cabinetry.

* Certain USB storage devices may not function properly with the Disklavier Mark IV Series.
For a list of compatible products, please visit www.yamaha.com/disklavier.

PianoSoft™
Quality Meets Quantity

Performances by world-class artists on PianoSoft™

PianoSoft Solo™ Series

World-class solo pianists perform piano-only music upon your request. Available in many genres, these selections are for the piano purist in all of us. With everything from country to contemporary, and from ragtime to Rachmaninoff, PianoSoft Solo makes the legendary Yamaha acoustic piano the featured soloist.

PianoSoft Plus Audio™ Series

Introduced with the revolutionary Disklavier Mark III, this CD-based software line takes advantage of everything digital audio has to offer. Specially recorded vocal and ensemble parts accompany the Yamaha acoustic piano for the ultimate in realism and accuracy.

PianoSoft Plus™ Series

The Plus adds digital instruments to the solo piano appropriate for the style of music selected. You may hear full orchestras including strings, horns, and percussion, or a Country band, a Rock band, and much more.

Smart PianoSoft™ Series

Cutting-edge PianoSmart technology is at the heart of Smart PianoSoft, the Mark IVs fastest growing line of software. Traditional store-bought audio CDs (that you may very well already own) can accompany the Disklaviers professionally arranged piano performance. Recordings dont get any more authentic than the original artists, and thats exactly what Smart PianoSoft delivers... by the hundreds.

Built-In PianoSoft Sampler The Disklavier Mark IV is Ready to Play

Every Mark IV Disklavier comes pre-installed with hours of music right from the factory featuring selections from PianoSoft Solo, PianoSoft Plus, and even PianoSoft Plus Audio! This means that the moment your Mark IV is delivered and powered-up, youll be listening to music right away.

You can purchase and, in many cases, download titles from the PianoSoft catalog, or view the entire catalog at www.yamahamusicsoft.com.

Practice Makes Perfect

More Than a Piano the Yamaha XG Tone Generator

Many educational software titles are available with ensemble backgrounds to accompany practice. The Yamaha XG tone generator has hundreds of high-quality instrumental voices to get the most out of your accompaniment.

The New AEM Tone Generator

Taking digital instruments to new levels of realism, the new AEM (Articulation Element Modeling) tone generator breathes new life into orchestrated backgrounds. This next-generation sound source produces the subtle nuances heard in brass, saxophone, and string sections. Regular software, including educational and even karaoke titles, will spring to life with Yamahas latest sound technology.

Practice One Hand While the Disklavier Plays the Other

Every teacher knows that practicing hands separately improves speed, accuracy, and memorization. With the ability to play the right and left hands independent of one another on selected software titles, as well as vary the tempo, practicing piano on the Disklavier has become a truly interactive experience. Add to this the fact that many popular method and lesson books are being offered with hands-separate recordings on disk, and youve got the ultimate music practice partner.

Digital Quiet Mode/Headphone Mode Flexibility

Yamaha Sound Muting System allows you to instantly switch off the sound of the acoustic piano, enabling the digital piano to be played at ultra-quiet volumes. With this feature, you can play and listen in Quiet Mode with the built-in speakers or in Headphone Mode via the privacy of dual headphones. Enjoy the Disklavier anytime at a sound level best suited for you and those around you.

The Ideal Synergy of Audio, Video, and One Beautiful Acoustic Piano PianoSmart™

PianoSmart Audio Synchronization

You wont need to look too hard to find audio CDs that are compatible with your Mark IV Disklavier you probably already own them. Thanks to PianoSmart, any one of hundreds of standard store-bought audio CDs are ready to play along with the Mark IV. All thats required is the corresponding Smart PianoSoft title for the CD of your choice. So choose a CD of a world-class Yamaha artist playing the piano and watch the Mark IV match the piano recording with the CD. After you load titles into the Mark IVs internal memory, PianoSmart automatically and seamlessly

synchronizes your audio each time.

PianoSmart Video Synchronization

Yamaha didnt stop at just playing audio CDs along with your Disklavier. PianoSmart also provides you with the ability to synchronize videotaped performances with the Mark IV. By simply connecting the audio jacks of a standard video camcorder to the SYNC jacks of the I/O Center, your performance can be immortalized for playback on the Mark IV and a standard TV monitor at the same time!

Classic Form Contemporary Function

SmartKey Now Anyone Can Play Right Away

Have you ever dreamed of playing the piano but thought you didnt have time to learn? With SmartKey technology, the new Disklaviers can make your dream come true. Even if youve never touched a keyboard or read a note of music in your life, the new SmartKey feature makes it easy to learn without a single lesson. Just follow along as SmartKey shows you which notes to play by partially depressing the next key in the melody. SmartKey prompts the Disklavier to wait for you and play at a speed within your comfort zone. Within minutes, youll be playing entire songs while the Disklavier follows your lead with virtuoso harmonies and arpeggios.

CueTIME, another exciting development in music software, offers sophisticated auto-accompaniment where you dont play along with recordings the recordings play along with you! Simply play the printed piano part and the digital orchestra follows your cue, matching your pace and enhancing your performance with professional arrangements.

*Note: SmartKey software may not be available in some countries.

The International Piano-e-Competition
Truly the First of its Kind

Imagine a top-level classical piano competition where the performers, the judges, the audience, the pianos played, and the pianos heard are all in different cities at separate corners of the globe. This happens every other year at the International Piano-e-Competition, and it wouldnt be possible without the technology found only on Yamaha Disklavier pianos. This unprecedented event, first held in June 2002, uses state-of-the-art technology to expand the arena of virtuoso competition.

Contestants gather in selected cities to perform on Yamaha CFIIIS concert grands equipped as Disklavier Pros. Performance data is then transmitted over the Internet, allowing judges and audiences to listen on actual acoustic pianos on stage not through audio recordings subject to the quality of speakers and microphones. This method is so ground-breaking that it has been noted by Gustav Alink, who rated the International Piano-e-Competition among the top 30 in the world (from over 400) in his book Piano Competitions Worldwide. Disklavier owners around the world watched the competitions Web site (www.ecompetition.org) waiting for the latest performances to be posted. Once pieces were downloaded, enthusiasts enjoyed world-class musicians giving private performances on a live acoustic piano all in the comfort of their own homes.

Unparalleled Experience Means Unrivaled Recording and Playback

There's a reason why the Yamaha Disklavier has become the symbol of excellence in reproducing pianos.
Disklavier technology is factory-built into the piano from the beginning of its construction.

Superior Yamaha development and design

The Disklavier Mark IV's advanced intricate internal construction:
1. Power supply unit
2. I/O center
3. Powered speaker
4. Powered speaker
5. Solenoid unit
6. Media center
7. Sensor

Ultra-Large Internal Music Storage Capacity

Floppy disks, CDs, and other removable media are fine for carrying music from one place to another. But once the music makes it to the Disklavier Mark IV, it can be loaded onto the vast internal memory capable of holding hundreds of hours of music. Virtually every MIDI song file ever created for the Disklavier could be loaded and stored inside the Mark IV. If that seems a little excessive, the extra storage comes in handy for loading CD audio tracks.

Yamahas Exclusive High-Performance Grayscale Hammer Sensor

The world's first continual-detection optical hammer sensor continuously traces the hammer position from the time a key is pressed until it's released. This outperforms the previous two-point detection sensors of earlier Disklaviers and the simpler "Key ON/OFF" sensors used on many other systems. With the grayscale key sensor, the Mark IV monitors every motion of the key and hammer - even rapidly repeated notes - with meticulous precision and the softest touch.

Servo Control for Precision Playback Performance

Under the command of specially developed LSI microprocessors, the servo control system continuously monitors the movement of each key, precisely recreating every detail of the original performance. This allows for a slow return of the keys and delicate pianissimo, things that were previously unattainable.

Get Connected with the I/O Center

The Disklavier Mark IV has the ability to connect to a wide range of external equipment. Essentially, any device that connects to the Mark IV will be plugged into this "Input/Output" center. You can connect TVs, cameras, computers, home networks, and various other audio and music equipment to the I/O Center. No matter what your particular needs are, the Mark IV is ready to play......

Specifications:

DC2M4		
Sensor System	Key Sensors	Non-contact optical fiber/grayscale shutter sensing system for 88 keys (senses the key position, keying velocity, and key releasing velocity)
	Hammer Sensors	Non-contact optical fiber/grayscale shutter sensing system*
	Pedal Sensors	Non-contact digital optical sensing system (senses the pedal position)** *Except for DGC1M4, DC1M4, DC2M4 **Continuous sensing for the damper and soft pedals, and on/off sensing for the sostenuto pedal.
Drive System	Keys	DSP servo drive system (high-power

		servo controlled solenoids)
	Pedals	DSP servo drive system (servo controlled solenoids)
Data Storage	Internal Memory	80GB
	File Format	Standard MIDI File (format 0, 1) / E-SEQ
Removable Media	Floppy Disk: 3.5" 2DD (720 KB) or 2HD (1.44 MB) floppy disk Compact Disc: Audio CDs, PianoSoftoPlusAudio™, Data CD USB Flash Memory: Yes	
Media Center	Drives Dimensions (W x H x D) Weight	CD and floppy disk drive 16" x 10-1/8" x 2-7/8" (405 x 257 x 73 mm) 7.3 lbs. (3.3 kg)
Pocket Remote Control Dimensions (W x H x D) Weight	2-15/16" x 5-7/16" x 15/16" (74 x 138 x 23 mm) 7.4 lbs. (210 g)* *Includes rechargeable battery, but not the screen protector and wireless LAN card.	
Monitor Speakers	Rated Power Output Drivers Dimensions (W x H x D) Weight	20W x 2; tone and volume controls 6-1/4" (16 cm) woofer x 2 5-11/16" x 9-5/16" x 6-5/8 (144 x 236 x 167 mm) 9.7 lbs. (4.4 kg)
Record/Playback Modes	Standard	
Pitch Control	Set at A=440, tunable 50 cents in 1-cent steps	
Sound Muting Mechanism	Motor-driven hammer shank stopper	
Piano Voice and Performance Tone	Type Polyphony Normal Voices	AWM2/Articulation Element Modeling (AEM) 64-note digital stereo sampling (90MB wave memory, 16 bit linear) (AWM2) 6-note AEM Piano (digital stereo sampling) and other 42 voices
Ensemble Tone	Type Polyphony Ensemble Parts Voice Module Modes Normal Voices Drum Voices	Advanced Wave Memory 2 (AWM2) 32-note max. 16 XG, GM 676 21 kits total
Power Source	Local AC current, 100~240V, 50/60Hz	
Supplied Accessories	Media Center, installation kit for the Media Center, monitor speaker, installation kit for the monitor speaker, speaker cord, PRC100 Pocket Remote Control, CF wireless LAN card, EA-BL08 rechargeable battery, cradle, EA-70 AC adapter, AC power cord, advanced operating manual, Quick Guide, stereo headphones	
Optional Accessories	HPE-170 headphones	
Length Width Height	5' 8" (186 cm) 58-3/4" (149 cm) 39-3/4" (101 cm)	
Weight	752 lbs. (341 kg.)* *Weight includes control unit and speakers	
Finish	All models available in polished ebony finish. Please contact your dealer for other available finishes.	

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DU1A
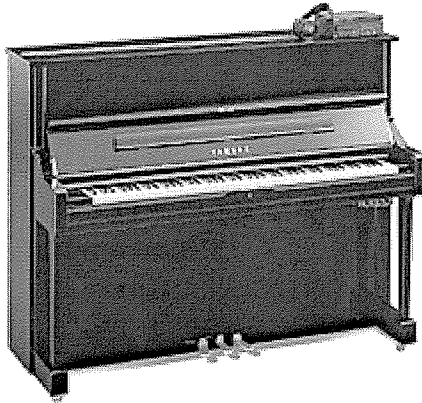
48" Mark III Series Upright Disklavier

Outstanding pianos and sophisticated musical entertainment systems in one!

The new Disklavier Mark III upright offers an unprecedented range of playback, recording and other features in the classic, space-efficient and budget-friendly vertical form of the perennially popular Yamaha U1 piano.

The original Yamaha Disklavier, which made its debut back in 1986, introduced the world to the wonder of traditional pianos equipped with integrated digital electronics for recording, auto playback and more. Since that time, these computer-age 'player' pianos have evolved into instruments of truly remarkable capabilities. They can reproduce not only 'live' acoustic piano concerts, but ensemble music with instrumental and vocal tracks as well. They allow you to record and play back your own performance, create complex multi-track arrangements, and connect to the world of musical opportunities offered by MIDI devices, personal computers and the Internet. Their unique combination of acoustic excellence and digital versatility has made them an increasingly popular choice of pianists, educators and music-lovers worldwide.

Today, Yamaha is proud to introduce the latest evolution of the Disklavier line, integrating a host of new acoustic advances and cutting-edge digital developments. Most models now play audio/MIDI CDs as well as floppy disks. Revolutionary new PianoSmart™ features make it possible to synchronize piano recording and playback with standard audio CDs. And for those who always wanted to play the piano, new SmartKey™ technology makes it easy, guiding you through songs note by note, while adding professional embellishment.

*Some features not applicable to certain models.

Disklavier™ Mark III Series Uprights

- Recording and auto-playback functions

- New compact control unit with CD and floppy drives

- New PianoSmart™ audio/video synchronization

- Built-in *Silent System*

- Built-in SmartKey™ play-assist system

- Abundant memory and programming features

- Interference-free optical key, hammer and pedal sensors

- XG instrumental tone generator

- Direct computer interface

- MIDI and AUX connections

- Yamaha acoustic piano quality and performance

Expanded recording and playback functions

Newly equipped with a CD drive, the DU1A now offers the full functionality of a Disklavier Mark III grand in a popular upright model, allowing you to enjoy the entire range of Yamaha and third-party software, including CD software complete with high-fidelity vocal and instrumental audio tracks. It also features PianoSmart™, a new technology that lets you record your own piano or MIDI instrumental tracks while listening to your favorite audio CDs, and then play them back in perfect harmony. PianoSmart™ even allows you to synchronize recording and playback with video cameras and multi-track audio recording equipment.

Newly designed control unit

Equipped with 16 MB of internal memory, the Disklavier control unit lets you store your favorite songs for easy-access pre-programmed entertainment. An integrated digital tone generator can recreate nearly 700 instrumental tones, through headphones or external speakers, for piano/MIDI ensemble performance. PC, MIDI and AUX connections offer easy access to a world of external enhancements, from audio equipment and MIDI devices to personal computers and the Internet.

Supported by a vast library of Yamaha PianoSoft™ software, the Disklavier can reproduce live concerts by many of the world's top pianists, complete with the lifelike key and pedal movement.

It's like having world-class artists performing just for you.

It can also deliver high-fidelity vocal and instrumental tracks, so you can enjoy jazz combos, popular groups, chamber ensembles and more.

New teaching technology now even allows you to synchronize recording and playback with your own standard audio CDs or video camera.

Yamaha PianoSoft™ software

The original Disklavier music software, Yamaha PianoSoft offers prerecorded piano concerts by many of the greatest pianists of our times, along with many more performances by top studio pianists. The PianoSoft library includes literally hundreds of titles in genres from classical to jazz, pop and country music, along with special seasonal collections, regional anthologies, children's songs, and compilations made especially for instrumental or vocal accompaniment. Whatever your taste in music, PianoSoft can bring it to you at the touch of a button, with 'live' piano music in the comfort of your own home!

PianoSoft-Plus™ ensemble software

The 'Plus' in Yamaha PianoSoft-Plus software is the addition of digital instrumental ensemble tracks, made possible by the Disklavier's internal XG MIDI tone generator. With these disks, you can enjoy Disklavier acoustic piano performance augmented by the sound of strings, brass, woodwind, percussion and more. Sit back to the beautiful sounds of chamber music, the passion and drive of a jazz quartet, the upbeat tempos of a popular group, or a stirring orchestral arrangement. It's all right there, with the ease of a single diskette. Just slip it into your Disklavier, press PLAY and enjoy your command performance.

PianoSoft-PlusAudio™ ensemble software

The Mark III Series' CD-playing capabilities expand your musical entertainment options even further. PianoSoft-PlusAudio and other audio/MIDI CD software complements Disklavier performance with high-fidelity vocal and instrumental audio track. Experience the sound of your favorite groups — complete with vocalists and instrumental soloists — enhanced by the live-concert presence of Disklavier acoustic piano playback. With a variety of titles already available*, and more in development, your Disklavier can entertain you and your guests better than ever — all with the ease and convenience of conventional audio CDs.

*Availability may be limited in some countries.

NEW! PianoSmart technology
opens up a whole new world of entertainment possibilities

PianoSmart™

A truly revolutionary breakthrough in Disklavier technology, the PianoSmart system opens up a world of additional ways to enjoy your digital/acoustic piano. PianoSmart intelligently synchronizes Disklavier recording and playback with the operation of the built-in CD player. What this means in real terms is that you can now record your own piano or electronic instrumental tracks while listening to your favorite CDs, and play them back in perfect combination with the original recordings. 'Sit in' with the hottest new groups, classic combos or a full symphony orchestra, then sit back, press a couple of buttons, and listen to yourself performing 'live' with the pros!

Through the use of MTC (MIDI Time Code), PianoSmart can also synchronize recording and playback with external devices such as multi-track recording equipment and video cameras*. These features enable pianists, families and educators to create audiovisual records of any performance, complete with 'live' Disklavier acoustic piano playback, stereo audio instrumentals and vocals, and full-motion video — all as one integrated presentation. They also allow creative musicians to collaborate in ways seldom dreamed of before. In combination with the many other Disklavier capabilities, PianoSmart extends digital/acoustic creativity into a whole new universe of options.

*Video synchronization requires an external video MIDI sync interface.

New! Speaker connections

The DU1A now comes equipped with speaker jacks. Just plug in your own powered speakers to enjoy piano/ensemble performance or play the piano at reduced volume in digital Quite mode.

PC, MIDI and AUX connections

Along with an unprecedented range of internal capabilities, Disklavier pianos also provide easy plug-and-play access to a world of external equipment. MIDI IN/Out jacks let you control devices like synthesizers and sequencers from the Disklavier piano keyboard, add the capabilities of other MIDI devices to your Disklavier

ensemble, or play the Disklavier's piano and instrumental tones from external equipment.

AUX connections let you amplify the Disklavier's sound via external audio equipment. The AUX In jack also allows you to listen and play along with audio recordings through external speakers or headphones.

The built-in PC interface lets you connect the Disklavier directly to your personal computer, for virtually unlimited range of additional possibilities. Play the Disklavier from your PC keyboard or applications. Download music files for playback on your Disklavier. Or even transmit Disklavier performances across the Internet.

Silent System versatility

The built-in *Silent System* lets you cancel the acoustic sound and play at reduced volume through external speakers or headphones. This capability makes the Disklavier great for use as a MIDI controller and for multi-track recording, too.

Specifications:

General Specifications

Sensor System	Key Sensors	Single-beam, on/off optical sensors
	Hammer Sensors	Single-beam, four-point, optical
	Pedal Sensors	Sustain & shift: incremental position-sensing, optical
Drive System	Keys	Self-calibrating solenoids
	Polyphony	16-note polyphonic
	Pedals	Sustain & shift (soft): trapwork-integrated solenoids; incremental response
Data Storage	Internal Memory	1.44MB x 16 flash memory disks (16MB total); up to 9 groups and 99 program sets built-in calendar/clock/timer
	File Format	Standard MIDI File (format 0, 1) / E-SEQ
Removable Media	Floppy Disk	3.5" 2DD (720KB) or 2HD (1.44 MB) floppy disk
	Compact Disc	Audio, MIDI and audio/MIDI CDs PianoSoft-Plus Audio
Control Unit	Main Display	Song number plus 24-character x 2-line LCD
	Function Indicators	LEDs, including drive/disk number indicator
	Drives	CD and floppy disk
	Switches	Power, Host Select (MID, PC1, PC2, Mac)
	Dimensions (W x D x H)	9" x 3-1/2" x 7" (227 x 87 x 180 mm)
	Weight	4.8 lbs. (2.2 kg)
Outlet Box	Speaker jack, AC outlet	
Connectors	MIDI In/Out, AUX In/Out (R, L/Mono), Headphones x 2, To Host (serial port), To Piano, CD Control, Audio/Analog MIDI In, Foot Controller	
Ensemble Tone	Type	Advanced Wave Memory 2 (AWM2)
	Polyphony	32-note max.
	Ensemble Parts	16
	Voice Module Modes	XG, GM
	Normal Voices	676 (480 selectable)
	Drum Voices	21 kits total (11 selectable)
	Pitch	Set at A=440, tunable 50 cents in 1-cent steps (in unison with digital piano tone)
Silent System	Silencing Mechanism	Motor-driven hammer shank stopper (DU1A: center pedal activated)
	Action Compensation	*Quick Escape* mechanism
	Piano Tune	AWM2 digital stereo sampling (CFIIIS concert grand); 16MB wave memory w/sustain pedal resonance effects

	Polyphony	32-note stereo sampling/64-note stereo
PianoSmart Technology	Yes	
SmartKey Capability	Yes	
Power Source	Local AC current	
Supplied Accessories	Wireless remote control unit with batteries, PianoSoft sample disk, CD software, blank 3.5" HD floppy disk, owner's manuals, HPE-170 headphones, audio cable (stereo RCA to stereo 1/4" plug)	
Optional Accessories	FC-4, FC-5 foot switches, FC-7 foot controller	
Dimensions	Height: 47-3/4" (121 cm) Width: 60-1/4" (153 cm) Depth: 24" (61 cm)	
Weight	575 lbs. (261 kg)	
	*Weight includes control units.	
Finish	Polished Ebony* *All models shown in Polished Ebony finish. Please check with your dealer for other available finishes.	

Functions & Controls

Playback Functions	Media select	Floppy disk, memory disks (1 ~ 16), CD
	Song Select	Rev/Fwd, song by song; numerical selection
	Music Search	Rev/Fwd, with or without sound; direct by time or measure
	Repeat	Disk, song, random, segment A~B, segment A~
	Programming	9 disk groups, 99 program sets, chain play, timer play
	PianoSmart Sync	MTC-linked playback with audio, MIDI and video sources
	SmartKey Play	Software-assisted learn-to-play system
	Others	Keyboard cancel, L/R part select, auto start, space playback
Playback Controls	Volume: 11 levels (0 ~ -10) Tempo: -50% ~ +20% in 1% steps Transportation: 24 semitones (2 octaves) in 1-semitone step Balance: Balancing volume of ensemble voices and piano Others: Keyboard cancel, pedal cancel, pedal count-in	
Recording Functions	Tracks: 16 tracks L/R Dual Recording: Separate L/R or assignable split point Quantize: 1/4, 1/6, 1/8, 1/12, 1/16 of a quarter note Others: Re-recording	
Silent System Controls	Power: On/off (with pilot lamp) Volume: Continuous Reverb: (3 modes, depth control)	
Metronome	Range: 30 ~ 400 beats per minute Time Signatures: 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 8/4, 9/4 Function: Audible (tick, on/off, volume controllable in *Silent* mode), visual (LEDs)	
Editing Functions	Track: Mix, move, copy, delete, transpose	
Utility Functions	Song	Copy, sort, delete, type convert (SMF, E-SEQ), time format convert
	Disk	Format, copy, type convert
	Calendar/Clock/Timer	Current time display, time/date stamp for recording
	Title Entry	Disk: 64 characters max. Song: 32 characters max.

Accessories:

Included:

Wireless remote control unit with batteries
PianoSoft sample disk
CD software
Blank 3.5" HD floppy disk
Owner's manuals
HPE-170 headphones

Optional:

FC4	Piano Style Sustain Pedal
FC5	Foot Switch Style Sustain Pedal
FC7	Volume Foot Controller

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Sony WEGA 57" Widescreen Digital-Cable-Ready Rear Projection HDTV
Model: KDP57WS655

This rear projection HDTV produces impressive pictures with a bundled package of advanced technologies including Digital Reality Creation circuitry, HD Detailer, HDMI input and more. Listen to MP3 audio and view digital photos on your TV with the Enhanced Memory Stick slot.

Protect Your Investment

HD BUILT-IN DCR   Learn more about HDTV.

● **Digital Cable Ready/Built-In HDTV Tuner:** Add CableCARD™ to receive one-way digital cable content, or HD-capable antenna to receive over-the-air high-definition broadcasts, where available. Optional set-top box required for high-definition satellite programming.

● Progressive scanning maximizes the picture quality of progressive-scan DVD players, set-top boxes and digital video recorders

● Twin View picture-and-picture with Multi-Image Driver allows you to watch 2 programs side by side

More Options
▫ Protect your investment with a Service Plan.
▫ Do you have all the accessories you need?
▫ Compare with products in this price range.

| Product Specs | Accessories | Product Research |

Product Features

▫ 16:9 aspect ratio and 4 viewing modes; CineMotion reverse 3-2 pulldown for smoother movement and accurate reproduction of film-based sources

▫ WEGA Engine delivers superb picture quality from any video source; DRC (Digital Reality Creation) circuit upgrades standard 480i signals to 480p or 960i, providing a near-high-definition picture from standard video signals

▫ HD Detailer wide-band video amplifier sends more video information to the screen for a finer picture quality; Clear Edge VM wideband velocity modulation dramatically improves edge clarity and depth

▫ Advanced picture technologies include Dynamic Focus circuitry, Dynamic Picture processor circuitry and Trinitone color temperature; 3D digital comb filter delivers state-of-the-art detail

and color enhancement

- Enhanced Memory Stick slot lets you view digital images and listen to digital audio stored on Memory Stick media
- DVI input provides a direct digital-to-digital video hookup with compatible devices
- HDMI input provides an uncompressed all-digital audio/video link for the highest-quality connection and supports copy-protected HD broadcast content
- CableCARD slot allows optional access to analog, digital and premium cable and HDTV without the need for a set-top box (where available — contact your local cable company for more information)
- Inputs: 2 component video, 4 composite, 3 S-video, 1 DVI, 1 HDMI, 2 RF
- Outputs: 1 audio, 1 optical Dolby Digital, Control S
- 4 speakers, SRS TruSurround sound, BBE high-definition audio effects recreate the experience of cinema sound; Steady Sound evens out volume fluctuations
- V-Chip parental controls keep children from being exposed to undesirable material
- Other convenient features include trilingual (English, French, Spanish) on-screen display, picture freeze, picture jump, 4 program presets, sleep function and Speed Surf channel selection
- Remote included

Product Details

Warranty Terms - Parts	1 year
Warranty Terms - Labour	1 year
Product Height	54-1/4"
Product Width	52-1/4"
Product Weight	198 lbs. 7 oz.
Product Length	27-1/4"
Screen Size	57"
Aspect Ratio	16:9
Digital Capabilities	HD built-in DCR
Comb Filter	3D digital
Picture-In-Picture	Yes
HDMI Inputs	Yes
DVI Inputs	Yes
S-Video Inputs	3 (1 front)
Component Video Inputs	2
Composite Inputs	4 (1 front)
RF Antenna Input	2
Front A/V Inputs	Yes
Audio Outputs	2 (1 optical digital)
Speakers	4
Simulated Surround	Yes
Sound Leveler	Yes
Language Options	English, French, Spanish
V-Chip	Yes
Sleep/Alarm Timer	Yes
Channel Labeling	Yes

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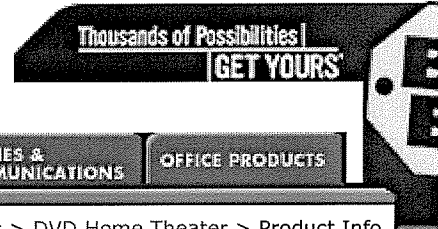
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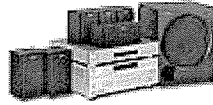
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Sony 1000W 6.1-Ch. Home Theater System with 5-Disc Progressive-Scan DVD/CD Player
Model: HT6900DP

Upgrade your home theater with this surround sound component system that features a 160W subwoofer for resonate bass and a variety of inputs and outs for versatile hookup.

Protect Your Investment

- Complete home theater system includes 6.1-channel amplifier with built-in surround sound decoders, separate 5-disc progressive-scan DVD/CD/MP3 player, 5 surround speakers, slim center speaker and powered subwoofer

- Progressive-scan video output maximizes DVD picture quality when used with a digital TV or monitor

- Surround sound decoders built in. Learn more about surround sound home theater

More Options

▪ Protect your investment with a Service Plan.
▪ Do you have all the accessories you need?
▪ Compare with products in this price range.

Product Specs | Accessories
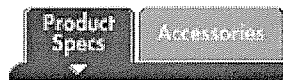
Product Features

▪ Built-in surround sound decoders include Dolby Digital EX and DTS Neo:6

▪ 32-bit DSP (Digital Signal Processing)

▪ Total output: 1000 watts (speakers: 140W x 6; subwoofer: 160W @ 6 ohms, 28-200Hz, 10% THD)

▪ DVD-R/-RW, DVD+R, CD-R/RW and MP3 playback

▪ DVD functions include SmoothScan, SmoothSlow and instant replay; Precision Drive 3 with Dynamic Tilt improves readability of damaged discs

▪ DVD/CD player features text display and custom parental controls

▪ Digital AM/FM tuner with 30 presets (10 AM, 20 FM)

▪ Speaker system features bass reflex design and full-range woofers

▪ Active 10" subwoofer delivers high-power bass

▪ TV virtual surround delivers a virtual surround

sound experience from stereo sources

- Receiver's extremely wide frequency range (2Hz - 44kHz +/-1dB) renders precision digital audio
- Sensitivity: 86dB
- Receiver's heavy-duty binding posts accept a variety of speaker-cable connectors, including banana plugs, spade connectors and a variety of speaker wire, such as heavy-gauge cable
- Inputs: 2 component video, 3 composite A/V, 1 coaxial digital, 3 analog audio, 2 optical digital
- Outputs: 1 component video, 1 composite video, 1 optical digital, 1 analog audio, 1 monitor video
- Remote Commander included

Product Details

Total System Power	1000W
Front Surround Power/Channel	140W x 3
Rear Surround Power/Channel	140W x 3
Subwoofer System	10" 160W active
DVD Disc Capacity	5
Dolby Digital Decoder	Yes
DTS Decoder	Yes
Number of Speakers	6 + subwoofer
5.1-Channel Input	Yes
Digital Input	1 coaxial, 2 digital
Digital Output Quantity	1
Stereo Audio Inputs/Outputs	3/1
Component Video Input/Output	2/1
Composite Video Outputs	1
Tuning Presets	30 (10 AM, 20 FM)
Video Monitor Output	Yes
Remote Control	Yes
Total Harmonic Distortion	10% @ 8 ohms
Component Dimensions	Receiver: 6-1/4"H x 17"W x 12-1/4"D; DVD player: 5-3/4"H x 17"W x 11-7/8"D
Front Speaker Dimensions	6"H x 4-1/8"W x 5"D
Center Speaker Dimensions	3-1/8"H x 7-7/8"W x 5-1/8"D
Rear Speaker Dimensions	6"H x 4-1/8"W x 5"D
Subwoofer Dimensions	16"H x 13-1/4"W x 14-1/2"D
Total Unit Weight	71.2 lbs.
DTS NEO 6	Yes

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Student Technology Fee
Special Initiatives
2005-06

Name   **Signature**   **Date Reviewed**

Dr. Jim McCrory   29/7/05

Comments: Meet to Check – Diana Cobb has inform
a new State Contract for this purpose

Christyn Perot   CP   8/25/05

Comments:

Tim Chadbourne   JU   8/26/05

Comments:

Stephen Hoover

Comments:

Dale Martin   8/29/05

Comments: is wiring needed for PC's

Date Given to IS   Date Received from IS
8/25/05   8/29/05

Student Technology Fee
Special Initiative Funding Request Form
Northwestern State University of Louisiana

Prepared by: <u>James Brooks, MSN, Tamara Baxter, RN, Trey Glass</u>

Department: <u>Nursing</u>

College or Unit: <u>Nursing</u>   Campus: <u>Shreveport</u>

Submitted to:_____Date_____ Fiscal Year: _____

---

1. Describe target audience.

The target audience will be the students and staff at the Nursing Education Center on the Shreveport Campus.

---

2. Describe project/initiative for which you are requesting funds.

The funds will allow for the purchase of 2 ceiling or wall mounted automated projection screens, 2 ceiling mounted projectors and 2 permanent PCs for the Nursing Education Center Skills Laboratory. The quantity of equipment needed is two, due to the fact that the Nursing Skills Laboratory is divided into two learning environments. This project will allow for conservation of room space in the skills laboratory and ease of visualization during audio/visual demonstrations in the skills laboratory. (See Attached *Dell E-quote for single set of equipment*)

---

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

The Nursing Education Center students at Shreveport will:
   A. Understand demonstrated nursing skills (via A/V material).
   B. Utilize materials purchased by the university (i.e. CD-ROM programs) to assist in teaching and learning of various nursing skills.

---

4. Indicate how each project objective will be evaluated.

Each objective will be evaluated by students during annual Shreveport Student Government Opinion Survey.

5. Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

Money is not available at this time from the current budget to fund this project.
There are approximately 3,000 Associate Degree in Nursing, Bachelor of Science in Nursing, Master of Science in Nursing, and Radiology Technology Student enrolled for Spring, Summer and Fall semesters at the Shreveport Campus.

In addition, the Nursing Education Center houses the Northwestern State University Child and Family Network. There are 310 students enrolled each year for credentialing. These students attend twice a week. Weekend Sessions are held for Training of Child Care Workers for approximately 1,800 students each year.

6. How will funding of the project advance the University and College / unit technology plan?

Purchasing these systems will provide additional learning opportunities and avenues for students. The skills laboratory will have a better learning environment. This will improve student learning experience as the student will feel more comfortable in the learning environment thus meeting the purpose of the technology fee program.

7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

James Brooks, 2nd level ASN Coordinator, Tamara Baxter, RN, Nursing Skills Laboratory Coordinator, Charles Cameron, Media Services, Trey Glass, IT department, and Tom Breaux, Plant Operations

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

9. Provide a schedule for implementation and evaluation.

Once the audio/visual equipment is received at the Nursing Education Center, they will be implemented and maintained by the Media Services and IT Departments at the College of Nursing. Evaluation will be provided by the SSGA Survey at the beginning of each Spring Semester and Nursing Skills Laboratory Course Evaluations.

Any reports generated by this system will be available

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

When properly maintained and used, the A/V equipment should have a useful life of 7 -10 years. There should not be any anticipated equipment upgrades during the next five years with this request unless additional facilities are secured. The College of Nursing has already purchased the needed software to be utilized in the Nursing Skills Laboratory.

11. Attach a detailed budget, including: description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

See Attached Printout(s): *Dell E-quote*

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2	Ceiling Mount Kit for Dell 5100MP / 2300MP / 1100MP Projectors ➤ View Item Details 🗑 Remove	1	$168.30	$168.30
	➤ Update			
3	VGA Male-to-Female Extension Cable for Dell 5100MP / 2300MP / 3400MP / 1100MP Projector - 50-ft ➤ View Item Details 🗑 Remove	1	$44.96	$44.96
	➤ Update			
4	Dell 2300MP Projector with 2-Year Advanced Exchange and CompleteCare Service, 90-Day Limited Warranty on Lamp ➤ View Item Details 🗑 Remove	1	$1,533.00	$1,533.00
	➤ Update			
5	Extended 4M Power Cord for Dell 1100MP / 2200MP / 2300MP / 4100MP Projectors - 13.12 ft ➤ View Item Details 🗑 Remove	1	$17.96	$17.96
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6	Suspended (False Ceiling) Plate Kit for Dell 2,3 and 4 Series Projectors (Part C3505 Projector Ceiling Mount Kit Not Included) ➤ View Item Details 🗑 Remove	1	$125.96	$125.96
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7 ML - 69x92-inch Matte White Designer Contour Electrol Screen   1 $503.96 $503.96

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Total Price* $3,737.00

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Saved By	Wendell F Glass(glassw@nsula.edu)
Saved On	8/23/2005
Expires On	10/22/2005
Phone Number	()
Description	Hidden Projector for Nursing Lab
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Purchasing Agent's Name	
Notes / Comments	

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Student Technology Fee
Special Initiatives
2005-06

Name	Signature	Date Reviewed
Dr. Jim McCrory		29/?/05

Comments: _Need to check — Diana Cobb._
recutly forwarded ef info on a new contract vehicle for this pupose

Christyn Perot	CP	8/25/05

Comments: _I would recommend an Optiplex GX280._

Tim Chadbourne		8/26/05

Comments: _____

Stephen Hoover		

Comments: _____

Dale Martin		8/29/05

Comments: _____

Date Given to IS
8/26/05

Date Received from IS
8/29/05

Student Technology Fee
Special Initiative Funding Request Form
Northwestern State University of Louisiana

Prepared by: ___Bette Howell___ Department ___FACS___

College or Unit: __Science & Technology__ Campus: ___Natchitoches___

Submitted to: _____ Date ___August 23, 2005___ Fiscal Year: _____

---

1. Describe target audience.

   NSU Students located on the Natchitoches Campus.

---

2. Describe project/initiative for which you are requesting funds

   Funds are requested to upgrade two lecture classrooms in the FACS Building to fully equipped multimedia presentation rooms.

   At present, rooms are equipped with stationary pull-down screens and portable carts that must be rolled in and setup prior to each class meeting. Student desks are rearranged and cords are stretched across the floor to accommodate these carts.

   One classroom is a 70 seat lecture room; the other a 45 seat one.

---

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

---

4. Indicate how each project objective will be evaluated.

   Continued use and scheduling of classes in these multimedia rooms will provide students with the most up-to-date information in the most accessible form.
   Student presentations will be enhanced with the use of this equipment to better prepare them for the corporate world or advanced educations.

   Down time needed to set up and/store portable equipment will be eliminated provided students with the best possible quality education during the time allotted for each course.

Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

This will provide 2 complete multimedia classrooms for the FACS Building.
Approximately 300 FACS/HMT/ECED majors will make use of these classrooms each semester with another 250 non-majors enrolled in the University Core Nutrition classes also taught in this building.
In addition, classes from other disciplines, including student support services often meet in our building. There is no regular schedule of these but is based on university needs per semester.

5. How will funding of the project advance the University and College / unit technology plan?

Access to and use of the most up-to-date equipment by both faculty and students will enhance the education of all students.

6. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

Dr. Patricia Pierson, Head of the Department and Mrs. Bette Howell, Assistant Professor are both accomplished in the use of multimedia presentation equipment and will be responsible for educating the FACS faculty in the proper use of the media stations. Each faculty will then assist students in the proper use on a per need basis.

A Faculty In-Service will be conducted upon installation of the equipment for this purpose.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

It will be necessary for the vendor to provide installation of the equipment purchased.
Existing faculty members will support use of the equipment by their continued use of it in classes for both student and faculty presentations.

9. Provide a schedule for implementation and evaluation.

Equipment should be delivered and installed at the earliest possible time once funding is secured. Implementation will be immediate upon installation

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

The basic hardware as outlined in the quote from Creative Presentations should not become outdated. Life expectancy cannot be estimated at this time either. The department has equipment anywhere from one to more than ten years old that is still functioning.
Computer towers should also last for at least five years. However, upgrading of computers is on ongoing process at the university and is done whenever funding is available on a per need basis.

11. Attach a detailed budget, including: description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

See Attached Quote from Creative Presentations times 2

Dell computer towers with current approved software.

Creative
Presentations
Visual Communications Made Simple

Date: 8/24/2005
To: Bette Howell-Maroney/Northwestern State University
Phone: 318-357-5079

From: Scott Albarado (scotta@creativepres.com)   **Proposal #SEA-2258-0824-01**
Re: **State Contract Quote for System with Lectern & Touchmonitor**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	Creative Presentations - CPI-ID15-SMD Interactive LCD Display 15" Screen with Lectern & Audio	**02010**	$ 5,917.50	$5,917.50
1	Creative Presentations - CPI-NECMT1065 - Portable projector - XGA resolution, 3400 lumens in Standard Mode, 800:1 contrast ratio, 13 lbs	**01043**	$ 3,940.63	$3,940.63
1	Creative Presentations - Universal Projector Bracket	**03106**	$ 87.00	$87.00
1	Creative Presentations - Universal Bracket Adapter	**03107**	$ 79.13	$79.13
1	Creative Presentations - Suspended Ceiling Mounting Kit	**03108**	$ 121.50	$121.50
1	Miscellaneous Peripherals Include: All Cabling needed & 1 in 2 out VGA Distribution Amplifier	**99888**	$ 407.00	$407.00
71	Professional Services(On-site Installation hours)	**99777**	$ 90.00	$6,390.00
		Total		**$16,942.76**

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Total Price*: $2,668.18

Description	Quantity	Unit Price	Item Total
1 OptiPlex GX620 DT with Int Broadcom® GbNIC Intel® Pentium® D Processor 830 (3GHz,DC,2X1M,800MHz FSB)	2	$1,334.09	$2,668.18

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Date:	Thursday, August 25, 2005 11:48:34 AM CST
Catalog Number:	84 RC961325
OptiPlex GX620 DT with Int Broadcom® GbNIC:	Intel® Pentium® D Processor 830 (3GHz,DC,2X1M,800MHz FSB) [630DD - [221-9191]
Operating System(s):	Microsoft® Windows® XP Professional, SP2, with Media XPP2E - [420-4850]
File System:	NTFS File System for all Operating Systems NTFS - [420-3699]
Memory:	1.0GB DDR2 Non-ECC SDRAM,533MHz, (2DIMM) 1G2N52 - [311-5021]
Keyboards:	Dell USB Keyboard, No Hot Keys EUSB - [310-5247]
Monitors:	Dell 17 inch UltraSharp™ 1704FPT Flat Panel, Adjustable Stand, VGA/DVI 1704FPT - [320-4271]
Video Card:	PCIe 128MB ATI Radeon X600SE (1 DVI/1 TV-out), low profile 128DVEL - [320-4276]
Boot Hard Drives:	80GB SATA II, 7200 RPM Hard Drive with 8MB Data Burst Cache™ 80S2 - [341-2247]

Louisiana State Contract # 403834 Comm Code 204-68-000865: Current Cart

Floppy:	No Floppy Drive NFD - [341-1711]
Mouse:	Dell USB 2-Button Optical Mouse with Scroll USBO - [310-6609]
Lead Free Motherboard:	RoHS Compliant Lead Free Chassis and Motherboard ROHS - [341-2663]
Removable Media Storage Devices:	48X32 CDRW/DVD Combo,with Cyberlink Power DVD™ COMBO - [313-3337]
Audio Solutions:	Integrated AC97 Audio INTSND - [313-8170]
Speakers:	Dell™ AS501 Sound Bar, for all UltraSharp™ Flat Panel displays AS501 - [313-3434]
Resource CD:	Resource CD - contains Diagnostics and Drivers RCD - [313-7168]
Hardware Support Services:	4 Year Limited Warranty plus 4 Year NBD On-Site Service U4OS - [900-6630] [902-1453]
Installation Support Services:	No Onsite System Setup NOINSTL - [900-9987]
Mouse Pad:	Mouse Pad MPAD - [310-3559]

Total Price* $2,668.18

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Please note that this Microsoft software product may use technological measures for copy protection. In such event, you will not be able to use the product if you do not comply with the product activation or reactivation procedures, which may be completed by Internet or telephone (toll charges may apply).

▲ Top

sn CT4

Northwestern State University

Natchitoches, LA 71497

Purchase Order No.

REQUEST FOR PURCHASE ORDER

Vendor

Name	Software House International
Address	7485 Elliot Road
City	Baton Rouge St LA ZIP 70817
Phone	225-755-6947

Ship To

Name	
Address	
City	St____ ZIP
Phone	

QTY	LINE	DESCRIPTION	EACH	TOTAL
2		Office Pro 2003 Win32 All Languages MVL	$51.28	$102.57
		Part Number 269-06824		
		Product Type: Non-Specific		
2		FrontPage 2003 Win32 All Languages MVL	$35.12	$70.23
		Part Number 392-02345		
		Product Type: Non-Specific		
		ACADEMIC MASTER ENROLLMENT # 5194538		
		LAICU ENROLLMENT# 9546959		

SubTotal	$172.80
Shipping & Handling	
Taxes State	
TOTAL	$172.80

Payment Details

- ◉ Check
- ○ Cash
- ○ Account No.
- ○ Credit Card

Name _____

CC # _____

Exp Date _____

Shipping Date

Approval

Date	10/7/2003
Order No	
Sales Rep	Laurie Conrad
Ship Via	

Notes/Remarks

SOFTWARE EXPRESS

Reference Number: Symantec
Pricing is valid for 30 days from 5/31/2005

EndUser

Company: Northwestern State University	Phone: 318-357-6001
Position: Technology	Address: 200 Roy Hall
E-mail: duslune@nsula.edu	
Name: Dustin Luneau	Natchitoches LA 71497

Product	Part Number	QTY	Unit	Total
Symantec Antivirus Enterprise Edition 1 year gold	10363545	~~866~~ ~~2,074~~	$10.90	~~9,439.40~~ ~~$22,606.60~~
maintenance renewal		1256		~~13,167.20~~ 13,690.40
Student Take Home Rights	10212142	9,500	$1.12	$10,640.00 ✓
Faculty Staff Take Home Right Licenses		Each	$2.00	
Thanks Dusty!				
Tech Fee - $23,807.20				

	Sub-Total	$33,246.60
	Tax	$0.00
	Shipping	No Charge
	Total	$33,246.60

Special Notes:

Prepared By

Name: Libby Mosteller	Address:	4128-A South Blvd.
Position: Account Specialist	City,State,Zip:	Charlotte, NC 28209
Email: lmosteller@swexpress.com	Fax #:	704-529-1010
Phone: 800-527-7638 Ext:294	Fed ID #:	56-1738100
Region: Sales	Web-site:	www.swexpress.com

From: Bach Radoncic

Company: Northwestern State University

Phone: (318) 357-5594

E-Mail: ehlersa@nsula.edu

Date: August 25, 2005

IPSWITCH

10 Maguire Road
Suite 220
Lexington, MA 02421
Phone: (781) 676-5700
Order Line: (800) 793-4825
Fax: (781) 676-5710

IPSWITCH Collaboration Suite Standard Edition

This Quote is Valid for **30 days** / Fed ID # 04-312-9831

Part Number	Quantity	Description	Retail Price	Total Price
MS-7500	1	ISP/EDU Edition Service Agreement Renewal The core products/features of ICS are: IMail Server, Premium Anti-Spam, Anti-Virus Premium and a one-year Service Agreement.	$3995.00	$3995.00
		PLUS Shipping & Handling (See Shipping Options Below)	$	$

Shipping rates are as follows:

Location	Overnight	Second Day	Ground
US (excluding AK and HI)	$13.00	$10.00	$6.00
AK and HI	$20.00	$15.00	N/A
Canada	$23.00	N/A	N/A
International	$36.00	N/A	N/A

Notes: *Service Agreements include underlined unlimited Technical Support and Upgrades for twelve (12) months free. Please ask one of our customer service administrators for more information regarding the service agreements that we offer for all of our products. In Massachusetts (5%) and California (7.25%), please apply state tax. If you are tax exempt, please include a copy of Tax Exempt Certificate.

Ipswitch, Inc. Ordering & Payment Procedures

Fast Order Processing:

- Orders may be processed via telephone, fax or mail to:
  Ipswitch, Inc.
  10 Maguire Road
  Suite 220
  Lexington, MA 02421-3127
  Phone: (781) 676-5700
  Fax: (781) 676-5710
- Orders: Ipswitch accepts company Purchase Orders, VISA, Master Card, American Express, checks and Wire Transfer of Funds
- Deliverables: All product sale deliverables includes disks, documentation and end-user license Agreement
- Shipping: FOB Lexington, MA USA. All orders processed within 24 hours ARO and shipped via DHL USA. Please specify if alternate carrier is required.

Payment Information:

- Check or Money order purchase, send checks payable to:
  Ipswitch Inc.
  10 Maguire Road
  Suite 220
  Lexington, MA 02421 3127
- Remittance Address
  Ipswitch Inc
  PO Box 414562
  Boston, MA 02241-4562
  Please pay in US $
- Wire Transfer: [1,2]
  Fleet Bank
  100 Federal Street
  Boston, MA 02110
  ABA: #011000138
  Account: #9418942119
  Swift Code: #FNBBUS33
- ACH Electronic Funds (NOTE: no international transactions allowed): [1,2]
  Fleet Bank
  100 Federal Street
  Boston, MA 02110
  ABA: #011000138
  Account: #9418942119
  Swift Code: #FNBBUS33

Please Note*
[1] - All payments must be in US Currency.
[2] - For further credit to Ipswitch Inc.
All wire transfers and electronic fund transfers must reference Ipswitch invoice numbers. Please direct all inquires to Accounts Receivable: (781) 676-5717.

- Payment Terms: Net 30 Days in US dollars

Thank You.

[Handwritten signature: Alfred's laptop]

D∞LL™ USA

Louisiana State Contract # 403834 Comm Code 204-68-000865

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My Cart

Using your Cart
- Click the "Save as E-Quote" button to save this form and/or forward it to your purchasing agent as a requisition.
- Click the "Checkout" button to continue to the Checkout and enter order online.

View Options: ○ View Order Summary   ◉ View Order Details

Total Price*: $2,278.50

Description	Quantity	Unit Price	Item Total
1 Latitude D610 Intel® Pentium® M Processor 760 (2.00GHz) 14.1 XGA, RADEON X300	1	$1,911.64	$1,911.64

↧ Reconfigure 🗑 Remove   ▲ Update

Date:	Tuesday, August 23, 2005 3:08:22 PM CST
Catalog Number:	84 RC961325
Latitude D610:	Intel® Pentium® M Processor 760 (2.00GHz) 14.1 XGA, RADEON X300 61D20X - [221-5597]
Operating Systems:	Microsoft® Windows® XP Professional, SP2, with media XPPRO2 - [420-4790]
Memory:	1.0GB DDR2 533MHz SDRAM, 2 DIMMS 1G2D - [311-3791]
Hard Drives:	80GB Hard Drive, 9.5MM, 5400RPM 80D - [341-1710]
Floppy Drive:	Floppy Drive FD - [340-6895]
Modem:	Internal 56K Modem for Dell Latitude D-Family Notebooks, Factory Install I56 - [313-2971]
AC Adapter:	Dell Combination Power Adapter, includes Auto/Air and AC AUTAIR1 - [310-6225]
Module Bay Devices:	8X DVD+/-RW w/ Sonic Digital Media™ and Cyberlink PowerDVD™ 8XDVDRW - [313-2972]
Wireless Local Area Networking Options:	Dell Wireless™ 1370 802.11b/g WLAN miniPCI Card DW1370 - [430-1315]

Systems Management:	Dell OpenManage Client Instrumentation OMCI - [420-3905]		
Resource CD:	Resource CD for Latitude D610 RCD - [420-4532]		
Batteries:	6 Cell Primary Battery 6C - [312-0189]		
Carrying Cases:	Nylon Classic Carrying Case NC - [310-2852]		
Hardware Support Services:	3 Year Limited Warranty plus 3 Year NBD On-site Service and CompleteCare U3CC - [900-6232] [900-6600] [960-0407]		
File System:	NTFS File System for all Operating Systems NTFS - [420-3699]		
Wireless Personal Area Networking Options:	Dell Wireless® 350 Bluetooth Module BT350 - [430-1226]		

2 FastTrak TX2300 2-Port SATA RAID PCI Adapter   1 $62.96 $62.96
Dell Part #: A0489568

Manufacturer Part #: FASTTRAK TX2300

↑ View Item Details   🗑 Remove   ⬆ Update

3 CAVIAR SE16 250GB SATA II-HD 8.9MS 16MB 7200RPM 3Y   2 $151.95 $303.90
Dell Part #: A0501467

Manufacturer Part #: WD2500KS

↑ View Item Details   🗑 Remove   ⬆ Update

Total Price* $2,278.50

⬆ Continue Shopping   ⬆ Save as E-Quote   ◉ Help

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Picture is for illustrative purposes only. Price may increase or decrease depending on options selected.

Alfred Ehlers

From:	Joseph Cianflone [Joseph_Cianflone@SHI.com]
Sent:	Monday, July 25, 2005 11:31 AM
To:	Alfred Ehlers
Cc:	Joseph Cianflone
Subject:	SHI Quote 1316469, Software Quote

Pricing Proposal
Quotation #: 1316469
Created On: Jul-25-2005
Valid Until: Aug-24-2005

Northwestern State University

Account Representative

Alfred Ehlers
Student Technology
Natchitoches, LA
Phone: (318) 357-6508
Fax:
Email: ehlersa@nsula.edu

Joseph Cianflone
2 Riverview Drive
Somerset, NJ 08873
Phone: 732-868-6137
Fax: 732-868-6138
Email: Joseph_Cianflone@shi.com

All Prices are in US Dollar(USD)

	Product	Qty	Retail	Your Price	Total
1	~~Creative Suite Premium CS2~~ ~~Adobe Shrinkwrap - Part#: 18940322~~	~~1~~	~~$399.00~~	~~$345.56~~	~~$1,382.24~~
2	~~Studio Mx 2004 For Mac/Win~~ ~~MACROMEDIA EVLP - Part#: VWSD070DEF1A~~	~~4~~	~~$169.20~~	~~$141.19~~	~~$564.76~~
3	Studio W/Flash Promx 2004 For Mac/Win MACROMEDIA EVLP - Part#: VWPD070DEF1A	4	$199.20	$176.67	$706.68
4	Toast With Jam 6 ROXIO - Part#: 211900	4	$199.95	$141.37	$565.48

Total   ~~$1,272.16~~ $1272.16

Additional Comments

Hello Alfred,
Here is the quote that you requested. If there is anything else I can help you with please feel free to contact me. Thanks!

Have a great day!
Joe Cianflone

Northwestern State University

Natchitoches, LA 71497

Purchase Order No.

════════════════════ **REQUEST FOR PURCHASE ORDER** ══

Vendor

Name	Software House International
Address	7485 Elliot Road
City	Baton Rouge St LA ZIP 70817
Phone	225-755-6947

Ship To

Name	
Address	
City	St ZIP
Phone	

QTY	LINE	DESCRIPTION	EACH	TOTAL
4		Office Mac Pro 2004 All Languages MVL	$51.28	$205.14
		Part Number Y15-00104		
		Product Type: Non-Specific		
1		Office Mac Pro 2004 English Disk Kit MVL CD	$25.00	$25.00
		Part Number Y15-00096		
		Product Type: Disk Kit		
		ACADEMIC MASTER ENROLLMENT # 5194538		
		LAICU ENROLLMENT# 9546959		

SubTotal	$230.14
Shipping & Handling	
Taxes State	
TOTAL	$230.14

Payment Details

- ◉ Check
- ○ Cash
- ○ Account No.
- ○ Credit Card

Name _____
CC # _____
    Exp Date _____

Shipping Date

Approval

Date	10/27/2003
Order No	
Sales Rep	Laurie Conrad
Ship Via	

Notes/Remarks

Store	iPod + iTunes	.Mac	QuickTime	Support	Mac OS

Your Account View Current Proposal Worldwide Customer Service
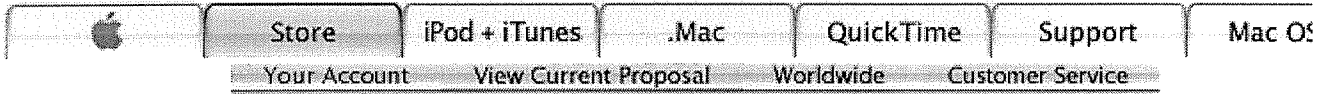
Thank you.

Your proposal has been sent.

Web Proposal Number: **W14484398**

Items you have selected	Part No.	Qty	Unit Price	Ext. Price
Apple Mighty Mouse	MA086LL/A	4	$44.00	$176.00
iLife '05	M9779LL/A	4	$39.00	$156.00
Mac OS X v10.4 "Tiger"	M9639Z/A	4	$69.00	$276.00

○ Download Your Proposal Information

Subtotal

Please note that your subtotal does not include sales tax or rebates.

$608.00

Proposer information:
Alfred Ehlers
State of Louisiana Education Store
ehlersa@nsula.edu
(318)3576482

Proposer comments:

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TERMS: Purchase Order Net 30 days or Credit Card (VISA, M/C, AMEX)
AVAILABILITY: In Stock

To:
Alfred Ehlers
Northwestern State University
Watson Library Room 113
Natchitoches, LA 71497
(318)357-6482
ehlersa@nsula.edu

From: Danny Byrnes
Phone: 800-962-2290 Ext. 305
e-mail: dbyrnes@softwareshelf.com

Quantity	Part #	Product	Unit Price Per Server	Price
5	M32411A	Print Manager Plus - 1 Year Maintenance Renewal	$173.75	$868.75
		Maint Period October 29, 2005 to October 28, 2006		
		Renewal for Invoice # 1019043007		
		Shipping & Handling		none
			Total:	$868.75

TO ORDER: CALL 800-962-2290 EXT. 305 -OR- FAX PO to 727-445-9223

Danny Byrnes   **8/23/2005**

Authorized by
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I want to order the above items:

PO#:_____ Credit Card #:_____   Expiration date:_____

Name on Card:_____

Billing Address

_____
_____
_____
Phone:_____
e-mail:_____

Shipping Address

_____
_____
_____
Phone:_____
e-mail:_____

Louisiana State
Telecom Cables and Adapters Contract
ITEMIZATION

Contract Vendor: **GRAYBAR ELETRIC**
Contract No.: 405881
Expires: 7/15/2006

Item#	Item Description	Brand Name	Part Number	Quantity Needed	UNIT	Unit Price	Extended Price
1173	Fiber Jumper SM, Duplex, LC/SC, 3 Meter ✱	C-ENTERPRISES	SPRZ02LCSCXXXPX-03M	10	each	$ 23.32	$ 233.20
						TOTAL	$ 233.20