

TFC Approved Computer Laboratory Proposal
Use only for computer labs that appear on the TFC Approved List

Semester & Year Fall 2014	Date: 11/03/2014	\$9,183.96			
Submitted by Harry Tran					
Email Address: htran@mines.edu		Ext: 3962			
Computers to be replaced are located in what building and room? BB-302					
Department/Organization: EECS/CECS					
Budget Information					
	Tech Fee Request	Direct Match* (Cash)	Total \$ To Be Expended	Other Contributions (In kind, disc, etc)	Total Project Value
Equipment	9,183.96		9,183.96		9,183.96
Software			0.00		0.00
Maintenance			0.00		0.00
Operating & Supplies			0.00		0.00
Student Help			0.00		0.00
Other (attach detail)			0.00		0.00
Total.....	\$9,183.96	\$0.00	\$9,183.96	\$0.00	\$9,183.96
<p>*Notes: Direct. Match must be actual funds that are or will become available to be applied to direct expenditures. General department/organization technology operating or support costs are not appropriate. Work-study funds cannot be identified as matching funds. Use the "Other Contributions" column if applicable for faculty/staff/student time, vendor discounting beyond normal academic discounts, previous investments or purchases, and other in-kind contributions. <i>Documentation of matching fee expenditures must be provided to Technology Fee Account Manager as expenditures are made if a proposal is funded.</i></p> <p>The same matching funds cannot be used in more than one proposal (ie. If all proposals from a dept/organization are funded then the sum of all matching funds must be committed.)</p>					
Proposal Narrative and Justification for Requested Configurations (Please be thorough)					
<p>EECS requests the replacement of 4 computers, plus the addition of 2 computers in BB302 at a cost of \$9,183.96. in CT-125 at a cost of \$19,898.58. This is an approved lab for technology fee replacement computers.</p> <p>The computers we want to replace are 4 Dell Optiplex 960's. Current Dell hardware warranties have expired on these computers.</p> <p>The 2 computers we want to add are to complement two new workstations being added to this lab/classroom.</p> <p>BB302 is a classroom lab scheduled by the Registrar. It has been scheduled primarily for EEGN389-Fundamentals of Electric Machinery, with a current enrollment of 24 students, and a possible enrollment of 48 each semester. This room can also be scheduled for Senior Design Groups.</p> <p>We will use existing monitors so replacement monitors are not being requested.</p> <p>Configuration for proposed new computers: Dell Optiplex 9020, small form factor. Intel Core I7-4770 Processor, 3.4 GHz 16 GB RAM 1 TB Hard Drive ! GB AMD RadeonHD 8490 Video Card (Dell Quote sheet attached to this proposal.)</p>					

TFC Approved Computer Lab Technology Fee Proposal Questions

(revised March 2014)

This section must be fully completed for your proposal to be considered Please attach a detailed configuration and quotation to your proposal.
Current number of computers in this lab? 4 Number of computers you are requesting? 6
Requested Configuration Summary: Vendor /CPU Type / Memory / Disk / Graphics / Special Adapters or Boards Dell Optiplex 9020 - Intel I7 Proc., 16 GB RAM, 1 TB Hard Drive, AMD Radeon HD 8490 Video-1 GB
Requested Form Factor and Case Style <input checked="" type="checkbox"/> Desktop <input type="checkbox"/> Tower <input type="checkbox"/> "All In One" <input type="checkbox"/> Laptop/Portable
Requested Operating System <input checked="" type="checkbox"/> Windows 7 <input type="checkbox"/> Mac OS <input type="checkbox"/> Linux <input type="checkbox"/> Other Are you requesting new monitors? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Month & Year current monitors were acquired:
Requested Monitor style and size: <input type="checkbox"/> Regular <input type="checkbox"/> Widescreen Size: Energy Star Rated? <input type="checkbox"/> Yes <input type="checkbox"/> No
What is the proposed project lifetime or life expectancy of the systems to be acquired? 3-4 years
What impact will replacing or upgrading these resources have on cooling, power, and other building infrastructure? If there is an impact, requirements must be discussed in advance with Capital Planning and Facilities Management No projected impact, using existing in-use power and networking.
Will this project require additional network wiring or ports, have other impacts on the campus network, or involve the provision of wireless networking services in any way? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, you must coordinate those activities with the CCIT networking staff All wireless projects are subject to the campus wireless network infrastructure policy at http://inside.mines.edu/UserFiles/File/PoGo/Policies/CIT/CIT_Wireless_Network_Infrastructure.pdf If yes, explain:
Who manages the lab? Harry Tran
Explain the impact on both departmental and central support staff as a result of acquiring these resources. Include in your discussion the consequences of reusing the old resources as well as the impact of acquiring new resources: Requires CCIT staff to setup the new computers and install lab builds. Old computers will go into CCIT custody to be discharged for use by departments on campus. New computers enhance computing capabilities for the users and new warranties enhance the computing support for CCIT.
What will the <i>primary</i> use of this computer lab be? Classroom Instruction
What classes are taught in the lab? EEGN389, 24 enrolled Fall 14. What is the enrollment in each of these classes?
How many individual students per semester will use the requested resources? estimated up to 48.
How many hours per week will the lab be committed to scheduled, supervised lab or class use? 9 hours
How many hours per week will the lab be available as an open use / open lab environment? None
Who will be permitted to use the resources (which students, in what classes or options, under what restrictions, etc)? CSM Students, Staff, and Faculty with a valid CSM "ADIT" login account attending or supporting any class scheduled by the Registrar in BB302 are permitted to use the resources.



QUOTATION

Quote #:
 Customer #:
 Contract #:
 Customer Agreement #:
 Quote Date:

694204797
 115897272
 48ACR

10/30/2014

Date: 10/30/2014 Customer Name:

COLORADO SCHOOL OF MINES

Thanks for choosing Dell! Your quote is detailed below; please review the quote for product and informational accuracy. If you find errors or desire certain changes please contact your sales professional as soon as possible.

Sales Professional Information

SALES REP:	THOMAS BEDEIAN	PHONE:	1800 - 9013355
Email Address:	Thomas_Bedeian@Dell.com	Phone Ext:	5139002

GROUP: 1 QUANTITY: 6 SYSTEM PRICE: \$1,530.66 GROUP TOTAL: \$9,183.96

Description	Quantity
OptiPlex 9020 Small Form Factor (210-AATO)	6
16GB (2x8GB) 1600MHz DDR3 Non-ECC (370-AAJC)	6
US English (QWERTY) Dell KB212-B QuietKey USB Keyboard Black (580-AAQX)	6
No Monitor (480-ABHJ)	6
AMD RadeonHD 8490, 1GB DDR3, LP, 1 DP 1 DVI, Dell OptiPlex (490-BBFH)	6
No Wireless (555-BBFO)	6
1TB 3.5inch Serial ATA (7.200 Rpm) Hard Drive (400-AAMQ)	6
Windows 7 Professional, No Media, 64-bit, OptiPlex, English (421-5606)	6
US Order (332-1286)	6
OptiPlex 9020 SFF Standard Base Small Form Chassis (329-BBIG)	6
Dell USB Optical Mouse MS111 (570-AACR)	6
No ESTAR (387-BBCG)	6
No Bcom required (555-BBKH)	6
8X DVD+/-RW Drive (429-AADT)	6
Internal Dell Business Audio Speaker (520-AABP)	6
No Wireless (555-BBFO)	6
System Power Cord (Philipine/TH/US) (450-AAOJ)	6
OS-Windows Media Not Included for N-Series (620-AALW)	6
Dell Back-up and Recovery Manager for Windows 7, Multiple Language (637-AAAK)	6
No Quick Reference Guide (340-ABKW)	6
Microsoft Office Trial, MUI, OptiPlex, Precision, Latitude (630-AABP)	6
Dell Limited Hardware Warranty Plus Service Initial Year (935-6167)	6
Dell Limited Hardware Warranty Plus Service Extended Year(s) (939-1018)	6

ProSupport: Next Business Day Onsite Service After Remote Diagnosis Initial Year (939-2511)	6
ProSupport : 7x24 Technical Support , Initial (939-3131)	6
Thank you choosing Dell ProSupport. For tech support, visit http://support.dell.com/ProSupport or call 1-866-516-3115 (989-3449)	6
ProSupport: Next Business Day Onsite Service After Remote Diagnosis 2 Year Extended (996-1182)	6
ProSupport : 7x24 Technical Support , 2 Year Extended (996-1342)	6
No Bios Required (696-BBBC)	6
Intel vPro Technology Enabled (631-AABI)	6
Dell UltraSharp 24 PremierColor Monitor - U2413 (860-BBBB)	6
No Diagnostic/Recovery CD media (340-ABJI)	6
No Quick Reference Guide (340-ABKW)	6
NO ADAPTER (470-AAJL)	6
Windows 7 Label (389-BCCZ)	6
Dell Digital Delivery Client (421-4047)	6
Thank you for buying Dell (421-9982)	6
Dell Data Protection System Tools Digital Delivery/DT (422-0008)	6
Visit www.dell.com/encryption (632-BBBZ)	6
Thank you for buying Dell (632-BBCB)	6
Adobe Reader 11 (640-BBDF)	6
Dell Data Protection Protected Workspace (640-BBEV)	6
Enable Low Power Mode (658-BBMQ)	6
Dell Client System (658-BBMT)	6
Waves Maxx Audio (658-BBNH)	6
NO RAID (817-BBBN)	6
No Anti-Virus software (650-AAHJ)	6
4th Generation Intel Core Processor I7-4770 (Quad Core HT, 3.4GHz Turbo, 8MB, w/ HD Graphics 4600) (338-BCDX)	6
No DDPE Encryption Software (954-3465)	6
Chassis Intrusion Switch (461-AAAX)	6
No Intel Responsive (551-BBBJ)	6
CFI,FEE,INTG,SO,AT,LGE,SYSBOX,Factory Install (365-0538)	6
Small Form Factor Chassis Mainstream Heatsink (95watts) (412-AABM)	6
SHIP MTL,SYSM,OptiPlex SFF (340-ACGR)	6
PowerDVD Software not included (429-AAGQ)	6
Thank You for Choosing Dell (340-ADBJ)	6
Thank You for Choosing Dell (340-ADBJ)	6
Regulatory Label,9020SFF, Mexico (389-BCDL)	6
No Add On Card (382-BBBZ)	6
Intel Core I7 vPro Label (389-BBWO)	6

*Total Purchase Price:		\$9,183.96
Product Subtotal:		\$9,183.96
Tax:		\$0.00
Shipping & Handling:		\$0.00
State Environmental Fee:		\$0.00
Shipping Method:		LTL 5 DAY OR LESS

(* Amount denoted in \$)