

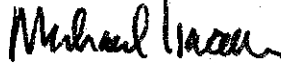
May 8, 2008

MEMORANDUM TO FILE

This memorandum is to document my approval and authorization for changes to equipment purchases under the Engineering 2 Building Equipment list. There is approximately \$373,000 remaining in the fund as of May 1, 2008. The attached spreadsheet details items to be purchased and where they will be located. Since all funds need to be committed by June 30, 2008, a back-up plan to transfer expenses of equipment already purchased for Engineering 2 laboratories is provided. This back-up spending plan will be implemented should items on the purchase list run into purchasing difficulties preventing purchase order commitment by June 1, 2008.

The majority of funds remaining available were for purchase of equipment for room 3313 as noted on the equipment list approved by the Office of the President. However during construction, room numbers and assignments were changed. Room 506 has officially taken the place of Room 3313 and is a BSOE Computer Engineering research lab. Room 598 where some of the equipment will be kept is a CITRIS laboratory; however the CITRIS Director Dr. Patrick Mantey has assured us that this room will be used to support BSOE research, activities, and coursework.

Sincerely,



Michael Isaacson
Acting Dean

Cc: G. Winans, Assistant Dean, BSOE
C. Hall, Director, Resource Planning and Management, BSOE
R. Vitale, Director, Laboratories and Facilities, BSOE
P. Mantey, CITRIS Director, UCSC
R. Draper, Planning and Budget
A. Gavin, Physical Planning and Construction
D. Rispoli, Physical Planning and Construction

Description	Quant	Cost	Tax	Shipping	Total	Details	Notes	MEL Change?	MEL Room	Final Room	PI
<p>Overall Total Requested 466,906 Funds Available (6/1/08) 373,000 Over/Under -96,906</p> <p>8.50% 8%</p> <p>tax & shipping data for calcs</p> <p>100,889</p>											
Video Wall System											
Video Wall - Displays 18ea 47-52" LCD HD Monitors 2 spares	18	2500	212.5	200	92,425		Brad Smith & Pat Mantey similar to Optiputer @ UCSD Larry Smart "smart wall" possible support from ITS, CBSE, CITRIS	Yes - Room Change from Rm3313 to 598 (CITRIS)	3313	E2-598	Mantey
LCD Wall Mounts	18	200	17	16	4,194			Yes - Room Change from Rm3313 to 598 (CITRIS)	3313	E2-598	Mantey
Video Wall - Computers	18	1000	85	80	20,970		1 computer per each display	Yes - Room Change from Rm3313 to 598 (CITRIS)	3313	E2-598	Mantey
Video Wall - Switch	1	20000	1700	1600	23,300		Pat says Brad has info	Yes - Room Change from Rm3313 to 598 (CITRIS)	3313	E2-598	Mantey
Other Items for E2-506/598											
HD Document Camera Wolfvision VZ-9 (HD-720p) Interactive Pen Display Cintiq 21UX	2	5,367	456.195	429.36	12,505	http://www.wolfvision.com/wolf/port_detail9.html GSA pricing: http://www.charlotgroup.com/GSARiffes/wolfvision/wolfvision_gsa.htm	Mantey request for E2-506 which is Rm3313 but moved	no, update room is 506	3313	E2-506	Mantey
HDTV Video Conference System	2	2499	212.415	199.92	5,823	could be one of the following systems (a) Cisco TelePresence System (b) HP Halo Collaboration Studio (c-) Polycom HD Telepresence Solution-HDX 8004 XLP cost listed is an estimate based on \$13K base, 2 47"LCDs, \$3K for misc	a cross between tablet pc & doc camera	no, update room is 506	3313	E2-506	Mantey
3D Printer	1				30,000	24,686	to fabricate 3D parts from plastic layering	Not on MEL	none	E2-506	Mantey
Partial Backup Cooling/Portable for power/chiller outages											
Spot Coolers for E2 --Rm 206	2	10595	900.575	847.6	24,666		installation expense not included	Not on MEL		E2-208	Figel
Spot Coolers for E2 --Rm 594	0	10595	900.575	847.6	0		installation expense not included	Not on MEL		E2-594	Figel

Enhancement of Backup Power to accommodate more servers					31,106						
Power module UPS ---Rm 208	2	4000	340	320	9,320				No but part of UPS that went way over budget	2212 E2-208	Figel
APC battery rack, 8 shelves	1	18700	1589.5	1496	21,786				No but part of UPS that went way over budget	2212 E2-208	Figel
Computer Room Servers											
Backup server from Sun A76-PP22-	1	24798	2107.83	1983.84	28,890				no	2212 E2-208	Figel
16G-SMH web server	0	9118	775.03	729.44	0				no	2212 E2-208	Figel
Increase Computers Rack rows from 1 to 3											
Isobases for new racks	2	9600	816	768	22,368				Yes - not on MEL	2212 E2-208	Figel
locking racks for servers	8	2776	235.96	222.06	25,872			was on original list but we got 4 racks free from 2300 Delaware	no	2212 E2-208	Figel
PDU's for racks vertical	16	800	68	64	14,912				Yes - not on MEL	2212 E2-208	Figel
PDU's for racks horizontal	16	500	42.5	40	9,320				Yes - not on MEL	2212 E2-208	Figel
Misc Items											
Hurricane Fans	6	461.18	39.2003	36.8944	3,224	McMaster-Carr 171BK52 or 2024K42			Yes - not on MEL	E2-208	Figel
Display Cases	8	800	68	64	7,456	2 main stairwell lobby # 2, 3, 5 & 1st floor elevator lobby			No - but need to update rooms	various	Vitale
LCD Projectors	4	1000	85	80	4,660				No - need to update rooms	2112, 2118, 3111, 2214, 2317, 3214, 3316	various Vitale
Purchase List - Total					372,970						

Possible Expense transfers - Purchases already Made

Game Lab Computers					41,785				Yes, but room function moved	3313	Whitehead
Raid for file server	1	13,661.56			13,662	PO295740			No - was on original MEL	2212	Figel
Sun file servers	2	13,998.00			27,996	PO309499			No - was on original MEL	2212	Figel
Vmware server	1	9118			9,118	PO309499			Yes - not on MEL	2212	Figel
Power module for UPS	1	4374.43			4,374	PO308721			Yes, UPS was purchased but went over budgeted amount	2212	Figel
Total for possible Expense Transfers					96,935						