



State of Utah

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Department of Administrative Services

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Executive Director

Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM #1

Date: December 2, 2008

To: Design/Build Teams

From: Vic Middleton, Project Manager, DFCM

Reference: Bingham Entrepreneurship & Engineering Center
Utah State University – Uintah Regional Campus – Vernal, Utah
DFCM Project No. 08273770

Subject: **Addendum No. 1**

Pages	Addendum	3 pages
	<u>Space List</u>	<u>4 pages</u>
	Total	7 pages

Note: *This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.*

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

1.1 **SCHEDULE CHANGES** – There are no changes to the project schedule.

1.2 **GENERAL** – Questions and Answers.

Clarification of the name of the Building.

The name to be used is the: BIGHAM ENTREPRENEURSHIP AND ENERGY RESEARCH CENTER, or abbreviate as BEERC building.

1. Was there a lab consultant?

Yes, Harris & Associates.

2. Fume hoods were shown in each lab. Are they a “for-sure” deal?

Yes.

3. There is information listed about storage labs. What kind of chemicals will be stored?

Harris & Associates will be providing a separate, partial listing of chemicals potentially used in labs. Will be in addendum #2.

4. Any faculty coming on-line during design phase?
It is inevitable that future research faculty will become involved during the design. Faculty may be coming on line.
5. Will this lab be a LEED certified building?
Yes, LEED Silver is the goal we are striving for.
6. Regarding selection process. Can you list the 3 prevalent factors that will be most important in making your decision?
 - Commitment & Interest (Qualifications)
 - Cost
 - Time (Schedule)
 - Also Design is a critical part of the process; design implies meeting the program, responding to the site and campus.
7. The time schedule has been listed with a finish date of February 2011 and also spring 2010, which schedule is correct? What about the contract?
Vic: It is our hope that when the contract is issued, we're almost at schematic. Ex: if we award in January or February, we hope to start immediately after. It is each team's responsibility to issue a schedule that they can meet. It is the hope of the user that all bidders should try to improve on the completion date.
8. Who will be on the selection committee?
 - Vic Middleton
 - Rob Behunin
 - Darrell Hart
 - Tom Graham
 - Steve Ehninger
9. Regarding the difference in estimated schedule. How will the schedule be evaluated in selection? What weight will the schedule [that the consultant decides upon] have in the decision factor? i.e., the shortest schedule may not necessarily be the best schedule.
RFP states you don't have to meet the dates specified. But the completion date has a weight that the committee will score. The weight will be given in State 11 of the process.
Vic: We will have to defer that to the consultant to make that a part of your proposal and our decision.
10. Can DFCM give some thought to an estimated \$20 million project with a 6% fee, with approximately 20% going to schematic items yet only entitling a \$37,000 fee stipend? Certain firms could automatically be eliminated because they can't afford to commit to it.
Vic: I understand your concerns and we are aware of that issue. I cannot do anything about that at this time but know that it is something DFCM needs to re-evaluate. I advise the firms to discuss how the stipend will be distributed prior to submitting. DFCM has no input in this.
11. Is there anything that makes this an "H" occupancy building?
Quantities. No "H" occupancy based on the limited information available at this time. Upon further investigation we do not have a list of hazardous materials for this building; this list will have to be made once faculties are selected for the research and teacher areas. We will proceed with no "H" ratings at this time and the occupants will have to maintain low quantities to comply.
12. The DFCM will handle all connection and impact fees for all utilities.

13. Drilled-Rammed Aggregate Piers Section 316336.
This may not be the solution for ground stabilization that the team elects to go with. If other methods are more desired by the team they should take that approach.
14. A site map of the new road to the west of the building will be attached to either this addendum or following addendums. **Will be in Addendum # 2**
15. USU will provide all IT wire and the installation of the wire. Contractor to install all conduits a 1" minimum size in all locations indicated by USU.
16. EC portion on the spreadsheet. Section 5.00 page 20 in the program.
The printed total for the EC summary is 3,253 gross square feet. It should be 4,753 gross square feet. The total facility is now 60,799 not 59,278 that is published on page 2. See Attachment to this Addendum.
17. Operation and Maintenance Data. Section 017823
1.2 Products
A. Manuals.
Also submit on CD indexed PDF format.
18. Project Record Documents
1.2
A. Record Documents:
Also submit As Build Information in PDF and AutoCAD; files on CD. Also according to DFCM General Conditions.
19. Exterior and Interior Painting Section 099113 and 099123
Both exterior and interior painting will have one coat primer and two coats paint



PROJECT DEFINITION - SPACE LIST DETAILS v20

USU Uintah Basin Regional Campus
Bingham Entrepreneurship and Energy Research Center

Thursday, October 16, 2008

Spaces for: **Biology & Chemistry (also Physics courses req'd for Biology B.S.)**

Section 6.10

CATEGORY	REF	TYPE	FTE	USES	SPACE DESCRIPTION	W	L	NSF	No.Spaces	Total	Factor	GSF	NOTES
TEACHING													
BC.TC2		Classrooms		*shared w/ all sciences	Tiered, Lecture Hall (n~100)	46	36	1,656	1	1,656	1.25	2,070	Also for community talks, annual research meeting, large concurrent-enrollment classes
BC.TC3		Classrooms		*shared w/ all sciences	Small (n~20), Classrooms	30	25	750	9	6,750	1.25	8,438	
BC.TCom		Open Computer		*shared w/ all sciences	Student computer use/study (n~40)	44	40	1,760	1	1,760	1.25	2,200	Dedicated access to course & research software, USU library, open computer use lab
BC.TL1		Geo Lab	1	Geology	Dry Lab (n~24)	33	36	1,188	1	1,188	1.25	1,485	Also for seminars
BC.TL2		Bio Lab	1	Biology, Physics, Wildland Res.	Wet labs (n~24)	33	36	1,188	1	1,188	1.25	1,485	Wildland Res. will possibly need to schedule into one of these labs
BC.TL3		Bio Lab	1	Biology	Wet lab (n~20)	33	36	1,188	1	1,188	1.25	1,485	
BC.TL4		Chem Lab	1	Chemistry - Intro	Wet lab (n~20)	33	36	1,188	1	1,188	1.25	1,485	Intro Lab.
BC.TL5		Chem Lab	1	Organic Chemistry	Wet lab (n~20)	33	36	1,188	1	1,188	1.25	1,485	Organic Chemistry
		Total FTE	5	SUBTOTAL TEACHING- BIOLOGY,CHEMISTRY, PHYSICS								20,133	

RESEARCH													
BC.RL1		Bio Lab	3	Biology	Wet, adjacent to instrumentation & Biol. stock room	22	30	660	3	1,980	1.25	2,475	1 lab per 1 Biol. faculty
BC.RL2		Bio Lab	1	Biology, Natural Resources	Herbarium	22	20	440	1	440	1.25	550	Herbarium will house exclusive Uintah Basin flora; needs to be adjacent to curator/tech office
BC.RS1		Bio Stors		Biology storage	Store/Stock room & prep area	22	22	484	1	484	1.25	605	Support for both teaching & research; space for autoclave, water treatment (?)
BC.REqp		Bio Equip		Biology Equipment room	Shared equipment	22	18	396	1	396	1.25	495	Lg. centrifuges, incubators (?), dig. quant. & imaging equip., PCR, fridges (?), -70 freezer, UV-Vis Spec, etc.
BC.RL3		Geo Lab	1	Geology	Wet Lab	22	36	792	1	792	1.25	990	Lab for Geology faculty
BC.RS2		Chem Stors		Large Chem Equip room	Instrument Rooms: large	22	25	550	1	550	1.25	688	Will house specific equip. (laser, NMR, Mass Spec, etc.), must be on ground floor
BC.RS2		Chem Stors		Small Chem Equip room	Instrument Rooms: Small	10	22	220	1	220	1.25	275	
BC.RL4		Chem Lab	1	Chemistry	Wet: rated fume hoods; separate desk space	22	36	792	1	792	1.25	990	1 lab per Chem. Faculty
BC.RPrep		Chem Prep	1	Chemistry	Store/Stock room & prep area	22	35	770	1	770	1.25	963	Support for both teaching & research
BC.RCold		Cold Room	1	*shared w/ all sciences	Cold room	22	10	220	1	220	1.25	275	
BC.RShop		Elec Shop	1	Chemistry, Physics, Biology	Electronics shop	22	18	396	1	396	1.25	495	Support for instrumentation
		Total FTE	9	SUBTOTAL RESEARCH- BIOLOGY,CHEMISTRY, PHYSICS								8,800	

OFFICES													
BC.O1		Fac. Office		Biology		12	12	144	4	576	1.25	720	1 per Biol. Faculty
BC.O1		Fac. Office		Biology, Physics, Chem		12	12	144	2	288	1.25	360	1 per adjunct faculty
BC.O2		Grad Office		Biology - Graduate Students		10	8	80	1	80	1.25	100	Grad. std./post. doc.
BC.O3		Tech Office		Biology		10	8	80	1	80	1.25	100	Lab coordinator
BC.O3		Tech Office		Biology		10	8	80	1	80	1.25	100	Lab tech, herbarium curator
BC.O1		Fac. Office		Geology		12	12	144	1	144	1.25	180	Lab coordinator
BC.O3		Tech Office	1	Chemistry		10	8	80	1	80	1.25	100	Lab tech, electronics tech.
BC.O2		Grad Office		Chemistry		10	8	80	1	80	1.25	100	1 per chem. Faculty
BC.O1		Fac. Office		Chemistry		12	12	144	1	144	1.25	180	Grad. std./post. doc.
BC.W1		Work Room		*shared w/ all sciences	Photocopying, document prep., mailing, etc.	15	20	300	1	300	1.25	375	
BC.Conf		Conf Room		*shared w/ all sciences	Meeting / conference room (n~20)	15	25	375	1	375	1.25	469	
		Total FTE	1	SUBTOTAL OFFICES- BIOLOGY,CHEMISTRY, PHYSICS								2,784	

PROJECT DEFINITION - SPACE LIST DETAILS v20

USU Uintah Basin Regional Campus
Bingham Entrepreneurship and Energy Research Center

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Spaces for: **Natural Resources (Wildland Resources and Watershed Science)** **Section 6.11**

CATEGORY	REF	TYPE	FTE	USES	SPACE DESCRIPTION	W	L	NSF	No. Spaces	Total	Factor	GSF	NOTES
TEACHING													
	NR-TS1	Storage		Wildland Res.	Specimen storage	15	15	295	1	295	1.25	281	Adjacent to Wildland Res. classrooms
	NR-TL1	Lab	1	Watershed	Wet lab / classroom (n~20)	33	36	1,188	1	1,188	1.25	1,485	
		Total FTE	1	SUBTOTAL TEACHING - NATURAL RESOURCES								1,766	

RESEARCH													
	NR-RGar	Garage		Wildland Res.	Garage	20	30	600	1	600	1.25	750	Store trucks (2) & their equip.
	NR-RS1	Equip Stor		Wildland Res., Watershed	Equipment storage	30	60	1,800	1	1,800	1.25	2,250	Storage space for ea. N.R. faculty; Rich's space needs to be XL
	NR-RL1	Lab	1	Watershed	Research lab	22	30	660	1	660	1.25	825	For Watershed faculty
	NR-Rlnstr	Instr.	1	Watershed	Instrument lab	22	36	792	1	792	1.25	990	for Watershed faculty
		Total FTE	2	SUBTOTAL RESEARCH - NATURAL RESOURCES								4,815	

OFFICES													
	NR-O1	Fac Office		Wildland Res.		12	12	144	4	576	1.25	720	1 per Wildland Res. Faculty
	NR-O1	Fac Office		Watershed		12	12	144	1	144	1.25	180	1 per Watershed faculty
	NR-O2	Grad Office		Wildland Res., Watershed		10	8	80	5	400	1.25	500	Grad. std. offices
	NR-O2	Grad Office		Wildland Res., Watershed		10	8	80	2	160	1.25	200	Post-doc. offices
		Total FTE	0	SUBTOTAL OFFICES - NATURAL RESOURCES								1,600	

Spaces for: **Entrepreneurship Center (EC)** **Section 6.12**

CATEGORY	REF	TYPE	FTE	USES	SPACE DESCRIPTION	W	L	NSF	No. Spaces	Total	Factor	GSF	NOTES
RESEARCH/TECHNOLOGY TRANSFER													
	EC-O1	SBDC Offices		Small Bus. Devel. Offices	Office Spaces	12	12	144	2	288	1.25	360	Offices open to Agencies and local Companies
	EC-O2	USTAR Offices		USTAR Offices	Office Spaces	12	12	144	2	288	1.25	360	
	EC-O3	Fac Offices	2	EC Faculty	Office Spaces	12	10	120	2	240	1.25	300	
	EC-O4	EC Admin	1	EC Secretary	Office Space	12	10	120	1	120	1.25	150	
	EC-O5	EC Office	1	Visitor Offices - Engrepreneurship	Office Spaces	12	12	144	5	720	1.25	900	
	EC-O6	EC Office	1	Administrator Office	Office Space	15	20	300	1	300	1.25	375	
	EC-Conf	EC Conference		Seminar	Small (n~10), Conference	14	14	196	1	196	1.25	245	Seminar Spaces.
	EC-Ref	EC Reference		Library/Reference	Reference/Study Room	15	30	450	1	450	1.25	563	
	OSEC-O1	Office		OSEC Center	Open Office Space	20	20	400	1	400	1.25	500	Open Reference Center
	VR-O1	Office		Voc Rehab Office	Office Space	12	10	120	2	240	1.25	300	
	VR-Recpt	Receptionist		Voc Rehab Receptionist	Office Space	8	10	80	1	80	1.25	100	
	VR-S1	Storage		Voc Rehab Storage	Storage	12	10	120	1	120	1.25	150	
	TD-O1	Office		Trans Dist. Office	Office Space	12	10	120	2	240	1.25	300	
	TD-S1	Storage		Trans Dist. Storage	Storage	12	10	120	1	120	1.25	150	
		Total FTE	5	SUBTOTAL - EC								4,753	

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Spaces for: Dean of Campus													Section 6.13
CATEGORY	REF	TYPE	FTE	USES	SPACE DESCRIPTION	W	L	NSF	No. Spaces	Total	Factor	GSF	NOTES
DEAN													
D-O2		Deans-Office	1	Dean's Office	Office	14	15	210	1	210	1.25	263	Dean's Office
D-Conf		Deans-Conf		Conference	Conference Room (n~10)	14	14	196	1	196	1.25	245	Dean's Conference Room
D-O3		Deans Sec.	1	Secretary	Office	12	20	240	1	240	1.25	300	Dean's Secretary/Work Area
D-Wait		Waiting area		Dean's Waiting Area	Waiting	10	10	100	1	100	1.25	125	Dean's Waiting Area
		Total FTE	2	SUBTOTAL - DEAN'S SPACE								933	

Support Spaces (Common to all users)													Section 6.14
CATEGORY	REF	TYPE	FTE	USES	SPACE DESCRIPTION	W	L	NSF	No. Spaces	Total	Factor	GSF	NOTES
SUPPORT													
SS-Mech		Mech Equip		Building HVAC systems	Building Space	60	30	1,800	2	3,600	1.25	4,500	
SS-Elec		Elect Room		Building Elec. Systems	Building Space	40	20	800	2	1,600	1.25	2,000	
SS-Tele		Tele Com Rm		Building Tele/Com Systems	Building Space	15	20	300	2	600	1.25	750	
SS-Server		IT File Server		File Server Room	Server	10	15	150	2	300	1.25	375	Special Cooling/Power
SS-Hub		UEN Hub		UEN Head end - Hub	UEN Hub	20	30	600	1	600	1.25	750	Special Cooling/Power
SS-IT		IT Work Rm		IT Work Room	IT Work Room	15	20	300	1	300	1.25	375	
SS-Stor		Bldg Stor		Building Storage Room	Storage	40	20	800	1	800	1.25	1,000	Storage Space for Building Supplies
SS-Dock		Dock/Rec.		Loading Dock	Loading/Receiving	15	20	300	1	300	1.25	375	
SS-Reg		Registration	5	Open Office-5 positions/Registration	Registration Open Office	24	30	720	1	720	1.25	900	
SS-Adv		Office	1	Adviser's Office	Office	12	12	144	1	144	1.25	180	
SS-L1		Open Lab		Small Open Work Lab	Wet Lab	22	18	396	1	396	1.25	495	Field Labs for open use
SS-Com		Computer Rm		Open Computer Room	Open Computer Lab	24	24	576	1	576	1.25	720	
SS-Lobby		Lobby		Entry/Commons	Lobby	20	20	400	1	400	1.25	500	
SS-Break		Break Areas		Food/Eating Areas	Breakroom	12	15	180	1	180	1.25	225	
SS-Janitor		Custodial		Janitor's supplies	Janitor's closet	5	8	40	2	80	1.25	100	
SS-M Stff		Men's		Shower, Locker -Staff	Shower Room	10	16	160	1	160	1.25	200	LEED Points
SS-W Stff		Women's		Shower, Locker -Staff	Shower Room	10	16	160	1	160	1.25	200	LEED Points
SS-M Std		Men's		Restrooms	Restrooms- Students/Faculty	10	31	310	2	620	1.25	775	
SS-W Std		Women's		Restrooms	Restrooms- Students/Faculty	10	31	310	2	620	1.25	775	
SS-Unisex		Unisex Restroom		Restrooms- Unisex	Restrooms- Unisex	7	8	56	1	56	1.25	70	
		Total FTE		SUBTOTAL - SUPPORT SPACES								15,265	

PROJECT DEFINITION - SPACE LIST - SUMMARY v20

USU Uintah Basin Regional Campus

Bingham Entrepreneurship and Energy Research Center

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CATEGORY	Total FTE	Total GSF	Notes
TEACHING- Biology, Chemistry, Physics	5	20,133	
RESEARCH- Biology, Chemistry, Physics	9	8,800	
OFFICES- Biology, Chemistry, Physics	1	2,784	
TEACHING- Natural Resources	1	1,766	
RESEARCH-Natural Resources	2	4,815	
OFFICES - Natural Resources	0	1,600	
ENTREPRENEURSHIP CENTER	5	4,753	
DEAN'S SPACE	2	933	
SUPPORT SPACE	0	15,265	
TOTAL GSF:		60,848	