

## GL Planning & Design, Inc.



### Bidder's Question Log

**T** 415 512 7795  
**F** 415 512 7795  
[www.GLPsf.com](http://www.GLPsf.com)  
 645 HARRISON ST  
 SUITE 101  
 SAN FRANCISCO  
 CA 94107

**GLP Project #:** 0811.02    **UCM Project #:** 904000    **Date:** **11/19/2009**

**Project Name:** UC Merced SCIF    **REVISION 6**

**Submittal:** Construction Documents Issued for Bid

Item No.	Date Received	General Contractor/ Subcontractor	Question	Referred to	Date Referred	Date Returned	Answer	Addendum # Generated	Date Replied
1	11/3/2009	PCI	Where is the protocol requirement leading up to the clean room installation? Where do the protocols start?	Sundt	11/6/09	Addenda 1	The clean room prime trade contractor will establish a lay down area at the job site where the protocols will begin.	#1	
2	11/3/2009	PCI	What equipment is in the Clean Room Bid Pack (BP8)?	Sundt	11/3/09	11/9/09	All equipment noted on the Accessory Equipment Schedule and Process Equipment Support Matrix on page CR1.0 noted CFCI	#2	11/12/09
3	11/3/2009	PCI	How is the automatic door #154A-1 supported? Do we need a tube steel frame?	Palt	11/6/09		Provide an allowance of \$4,500 for the door support. See addendum #2	#2	11/12/09
4	11/3/2009	PCI	Do you have a seismic design for the equipment hold downs? Under which Bid Package is the responsibility for the seismic bracing included?	GL / Palt	11/6/09		Seismic Restraint for CFCI BioSafety Cabinets are to be equipment provider as specified under spec section 11600. Seismic design for OFOI equipment are to be provided by the university as it's after occupancy at move in. Toxic Gas cabinets to be anchored per manufacturer's requirements		11/12/09
5	11/3/2009	PCI	Under which Bid Package is the responsibility to furnish and install the laminar flow hood and Bio-Safety cabinets	Sundt	11/6/09		Lab Casework Prime Trade Contractor Bid Package 7 will CFCI the Bio-Safety cabinets and the laminar flow hood. See revised specs 11600 and drawings on addendum #2	#2	11/12/09
6	11/4/2009	PCI	Are items 9, 10 and 11 on the Accessory Equipment Schedule on sheet CR 1.0 part of the Clean Room Bid Pack (BP8)	Sundt	11/6/09		Yes		11/12/09
7	11/4/2009	PCI	What is the finish of the automatic door #154A-1	Palt	11/6/09		Mill AI finish See addendum #2	#2	11/12/09
8	11/4/2009	PCI	Is the glazing for the clean room partitions part of the Clean Room Bid Pack (BP8) or the Glazing Bid Pack (BP4)	Sundt	11/6/09		All glazing in the Clean Room is in the Clean Room Bid Package (BP8) Add specification section 08800 Glazing to the Clean Room Scope Directive. See addendum #2	#2	11/12/09
9	11/4/2009	PCI	Will the glazing between room 154A and rooms 154, 154B and 154C require tinting?	GL/Palt	11/6/09		Yes at class room 100 perimeter only. See addendum #2	#2	11/12/09
10	11/4/2009	PCI	Where is the Clean Room Certification Specification	Palt	11/6/09		Palt to provide language. See addendum #2	#2	11/12/09
11	11/4/2009	PCI	Specify process equipment #6 and #7 on sheet CR1.0	Palt	11/6/09		Carry an allowance of \$10,000 for these two hoods. See addendum #2	#2	11/12/09
12	11/4/2009	PCI	Is the owner going to provide the protocol monitoring after the clean room envelope is complete	Sundt	11/6/09		No Clean Room Prime Trade Contractor is to maintain the clean room protocol until the clean room has been commissioned and certified	#2	11/12/09

## GL Planning & Design, Inc.



### Bidder's Question Log

T 415 512 7795  
 F 415 512 7795  
[www.GLPsf.com](http://www.GLPsf.com)  
 645 HARRISON ST  
 SUITE 101  
 SAN FRANCISCO  
 CA 94107

**GLP Project #:** 0811.02      **UCM Project #:** 904000      **Date:** **11/19/2009**

**Project Name:** UC Merced SCIF      **REVISION 6**

**Submittal:** Construction Documents Issued for Bid

Item No.	Date Received	General Contractor/ Subcontractor	Question	Referred to	Date Referred	Date Returned	Answer	Addendum # Generated	Date Replied
13	11/4/2009	Airco	Sheet P-002, under Piping and Material Schedule indicates Underground Sanitary Sewer/Storm/Vent to be cast iron with hubless joints. Speciation section 15410-2.2-A3 states for the same system to be cast iron with bell and spigot joints and to encase all pipe and fittings in watertight 8-mil polyethylene tube. Which method are we to use?	Gayner	11/6/09		Follow the specification. The drawing has been updated.		11/12/09
14	11/4/2009	Airco	Sheet P-002, under Piping and Material Schedule indicates Chilled/Hot water piping to be Type L for 2.5" and larger. This is conflict with specification section 15180-2.2-B and 3.1 Which method are we to use?	Gayner	11/6/09		Follow the specification. The drawing has been updated.		11/12/09
15	11/6/2009	EZ Paint	Please provide a spec for the epoxy paint	GL	11/6/09		See revised specification section 09900 on addendum #2	#2	11/12/09
16	11/6/2009	ESC	Are the process piping and toxic gas cabinets part of the Clean Room Prime Trade Contractor Bid Package (BP8) or Mechanical Prime Trade Contractor Bid Package (BP9)	Sundt	11/6/09		All process piping is part of the Mechanical Prime Trade Bid Package (BP9) The Toxic Gas Cabinets are to be furnished and installed by the Clean Room Prime Trade Contractor Bid Package (BP8) with mechanical connections by BP 9 and electrical connections by BP 11		11/12/09
17	11/6/2009	Fremont Mill	What is the style of the laboratory case work (Flush overlay, Lipped Door...) and what is the material (Plastic Laminate or wood and if wood what species)	GL	11/6/09		Frameless flush overlay cabinets plain sliced maple verticle grain see specification 12345.2.6	#2	11/12/09
18	11/6/2009	Fire Protection	Are the window sprinklers depicted on sheet G003 existing?	Sundt	11/6/09		Yes		11/12/09
19	11/6/2009	Fire Protection	Can we use black pipe and fittings in the clean room, if not please specify the material	Palt	11/6/09		Black iron can only be used above the FFU ceiling grid plenum. The pipe must be cleaned of all oils and brush painted (not sprayed) with 2 part epoxy paint color red.	#2	11/12/09
20	11/6/2009	Sundt	Why do we have specification section 05500 Metal Fabrications?	GI	11/6/09		GL to research	#2	11/12/09
21	11/6/2009	Sundt	Should door call out on page A-101 1U2-1 read 1U3-1	GL	11/6/09		See addendum #2	#2	11/12/09
22	11/6/2009	Sundt	Should wall type OP3 be OT3P between room 153 and rooms 153C,D,E	GL	11/6/09		No OP3 is Pressurization partition and OT3P is a Typical Partial height (6" above ceiling with diagonal bracing) partition. OP3 partition added on A-510 on addendum #2	#2	11/12/09
23	11/6/2009	Sundt	Please note that the 45 min rated windows on detail 3 page A-201 are (E) existing	GL	11/6/09		See added note on addendum #2	#2	11/12/09

## GL Planning & Design, Inc.



### Bidder's Question Log

T 415 512 7795  
 F 415 512 7795  
[www.GLPsf.com](http://www.GLPsf.com)  
 645 HARRISON ST  
 SUITE 101  
 SAN FRANCISCO  
 CA 94107

**GLP Project #:** 0811.02      **UCM Project #:** 904000      **Date:** 11/19/2009

**Project Name:** UC Merced SCIF      **REVISION 6**

**Submittal:** Construction Documents Issued for Bid

Item No.	Date Received	General Contractor/ Subcontractor	Question	Referred to	Date Referred	Date Returned	Answer	Addendum # Generated	Date Replied
24	11/6/2009	Sundt	I believe detail call out 3/A-530 should read 3/A-520 at detail 1 on page A-302	GL	11/6/09		The detail call out has been removed and typical ceiling details are noted on sheet A-411. See revised drawing on addendum #2	#2	11/12/09
25	11/6/2009	Sundt	I believe detail call out 6/A-520 is incorrect at detail 1 on page A-302	GL	11/6/09		It should be detail 1-A603. See revised drawing on addendum #2	#2	11/12/09
26	11/6/2009	Sundt	Please coordinate sheet AD-401 and the removal of the SOG with the plumbing plan P-400	GL	11/6/09		The architectural demolition drawings have been coordinated. See revised drawings on addendum #2. However, contractor is responsible to review the entire set for full scope of work.	#2	11/12/09
27	11/6/2009	Sundt	I cannot find where sheet note 6 and 8 are on page AD-401	GL	11/6/09		Note 6 has been removed and replaced with new note and both note 6 and 8 have been located on plans accordingly. See revised drawing on addendum #2	#2	11/12/09
28	11/6/2009	Sundt	Page A-401 Please add By University to notes 10, 20, 21, 24, 25, 26	GL	11/6/09		Note 10 has been revised to show PC by university but PC login station cabinet is by contractor. See clean room drawings. Notes 20, 21 will be changed to be by university per Direction from David Downey based on discussion with Michael Chow. Note 24, 25 and 26 have been revised. See revised drawings on addendum #2.	#2	11/12/09
29	11/6/2009	Sundt	Page A-401 note furring for the water to the eye wash in the clean room	GL	11/6/09		Note has been added to identify furring. See revised drawings on addendum #2	#2	11/12/09
30	11/6/2009	Sundt	Page AD-402 please add to note 7 that this work is by the University	GL	11/6/09		Note 7 has been revised and added note 9 University to deactivate card reader. See revised drawings on addendum #2	#2	11/12/09
31	11/6/2009	Sundt	Page AD-411 please provide note 7 it is called out at the back wall of the clean room	GL	11/6/09		Note 7 call outs to be removed. See addendum #2	#2	11/12/09
32	11/6/2009	Sundt	Page A-505 detail 2D should there be 1 more shelf WS36	GL	11/6/09		No will delete WS36 from A-401. See addendum #2	#2	11/12/09
33	11/6/2009	Sundt	Page A-505 detail 3B Should we change the plans to 2 - WS 24	GL	11/6/09		Yes, see addendum #2	#2	11/12/09
34	11/6/2009	Sundt	A-601 details call outs 5 and 6 call out FRP and there is no FRP on the project	GL	11/6/09		FRP has been changed to 5/8" gypsum board to make two layers. See revised drawings on addendum #2	#2	11/12/09
35	11/6/2009	Sundt	A-601 complete the door schedule and fill out the head, jamb sill details	GL	11/6/09		See addendum #2	#2	11/12/09
36	11/6/2009	Sundt	A-602 & A603 please note on all details what is an existing	GL	11/6/09		See addendum #2	#2	11/12/09

# GL Planning & Design, Inc.



## Bidder's Question Log

**T** 415 512 7795  
**F** 415 512 7795  
[www.GLPsf.com](http://www.GLPsf.com)  
 645 HARRISON ST  
 SUITE 101  
 SAN FRANCISCO  
 CA 94107

**GLP Project #:** 0811.02      **UCM Project #:** 904000      **Date:** **11/19/2009**

**Project Name** UC Merced SCIF      **REVISION 6**

**Submittal** Construction Documents Issued for Bid

Item No.	Date Received	General Contractor/ Subcontractor	Question	Referred to	Date Referred	Date Returned	Answer	Addendum # Generated	Date Replied
37	11/6/2009	Sundt	A-602 detail 12 should we not show the door is sealed and clipped at the sill	GL	11/6/09		Not required	#2	11/12/09
38	11/6/2009	Sundt	A-603 details 4 and 5 please note that the new drywall surfaces require epoxy paint	GL	11/6/09		Sundt to clarify in scope directive. See addendum #2	#2	11/12/09
39	11/6/2009	Sundt	A-603 detail 2 not called out	GL	11/6/09		See addendum #2	#2	11/12/09
40	11/6/2009	Sundt	A-603 detail 6 has 20 ga note arrow on the wrong side of the glass	GL	11/6/09		See addendum #2	#2	11/12/09
41	11/6/2009	Sundt	AL-501 please call out all of the details	GL	11/6/09		Not required to be called out these are typical details to be followed. Gneral note will be added to use these details.	#2	11/12/09
42	11/6/2009	Sundt	CR-1.0 Please provide model numbers etc for process equipment # 6 and 7	Palt	11/6/09		Carry an allowance of \$10,000 for these two hoods. See addendum #2	#2	11/12/09
43	11/6/2009	Sundt	CR-2.0 call out wall type at gowning room	Palt	11/6/09		These walls will be double sided with glass between gowning and clean rooms and single sided walls between gowning and service chase. See addendum #2	#2	11/12/09
44	11/6/2009	Sundt	CR-2.0 call out wall type at column in the service chase	Palt	11/6/09		Column to be furred. See addendum #2	#2	11/12/09
45	11/6/2009	Sundt	CR-2.0 show the ceiling grid extending all the way to the west wall	Palt	11/6/09		See addendum #2	#2	11/12/09
46	11/6/2009	Sundt	CR-2.0 note wall type 4 along the whole north wall	Palt	11/6/09		Not necessary plans address the issue		11/12/09
47	11/6/2009	Sundt	CR-2.1 Change details to show the walls connecting to the underside of the ceiling grid	Palt	11/6/09		Palt to alter details to show the ceiling grid tying into the wall at 9'. See addendum #2	#2	11/12/09
48	11/6/2009	Sundt	CR-2.1 show the window sill and head heights	Palt	11/6/09		Sill height is 2'10" head height is 8'11"	#2	11/12/09
49	11/6/2009	Sundt	CR-3.A correct detail call out on the haz mat room to 8CR-3.1	Palt	11/6/09		See addendum #2	#2	11/12/09
50	11/6/2009	Sundt	CR-3.1 detail 7 correct call out to 5CR-3.1	Palt	11/6/09		See addendum #2	#2	11/12/09
51	11/6/2009	Sundt	M-4.01 add a note 21 at the north wall and at the service chase	Gayner	11/6/09		Notes 21 are shown for future snorkel connections @ north	#2	11/12/09
52	11/6/2009	Sundt	M-4.01 add a return air at the north wall (grid 17/E5)	Gayner	11/6/09		Has been updated.	#2	11/12/09
53	11/6/2009	Sundt	Clearly detail the connections of note 21 see 3 CR-3.1	Gayner	11/6/09		Sheet note 21 has been updated.		11/12/09
54	11/6/2009	Sundt	M-4.01 note 24 not coordinated with CR plans	Gayner/Palt	11/6/09		They are coordinated. These are the 1/2" SS vents as indicated in 8/CR3.1.	#2	11/12/09
55	11/6/2009	Sundt	Who is the manufacturer of existing panel EHDRc	University	11/6/09		GE Spectra Series		11/12/09
56	11/9/2009	Sundt	Who is the manufacturer of the existing fire alarm panel	University	11/9/09		Notifier		11/12/09

# GL Planning & Design, Inc.



## Bidder's Question Log

**T** 415 512 7795  
**F** 415 512 7795  
[www.GLPsf.com](http://www.GLPsf.com)  
 645 HARRISON ST  
 SUITE 101  
 SAN FRANCISCO  
 CA 94107

**GLP Project #:** 0811.02      **UCM Project #:** 904000      **Date:** **11/19/2009**

**Project Name** UC Merced SCIF      **REVISION 6**

**Submittal** Construction Documents Issued for Bid

Item No.	Date Received	General Contractor/ Subcontractor	Question	Referred to	Date Referred	Date Returned	Answer	Addendum # Generated	Date Replied
57	11/9/2009	Sundt	Correct the Electrical Bid Form the alternates are incorrect	Sundt	11/9/09		Will have correct form in addendum #2	#2	11/12/09
58	11/9/2009	Sundt	Where is the existing EMCS panel located	University	11/9/09				11/12/09
59	11/9/2009	Sundt	Which companies are approved by the University to bid the Energy Management & Control System	University	11/9/09		PacWest Controls 559-636-1686		11/12/09
60	11/9/2009	Mission Bell	What is the material for the lab casework tops. Plans call for epoxy tops while specification section 12345-3 calls out plastic laminate	GL	11/9/09		Epoxy tops with integral sinks		11/12/09
61	11/9/2009	Mission Bell	What are the BioSafety cabinets sitting on? Please specify.	GL	11/9/09		Bioasafety Cabinets are sitting on electronic hydraulic lifts (ergo lifts) as specified in section 11600.2.3.B.18.d with revisions on addendum #2. If flooring is in question, it is sheet vinyl.		11/12/09
62	11/9/2009	Mission Bell	The specs call out both SS sinks and epoxy sinks. Which is to be provided?		11/9/09		Epoxy		11/12/09
63	11/9/2009	Sundt	Shouldn't the clean room walls that create the return air chases go full height to the floor deck above with the mechanical contractor penetrating the wall with the ducted return?	Palt	11/9/09		See addendum #2		11/12/09
64	11/9/2009	Sundt	Provide Clean room commission specification that clearly delineates the responsibilities for each trade	Palt	11/9/09		Palt to provide language. See addendum #2		11/12/09
65	11/9/2009	Sundt	Provide a time line for at rest testing, post tool testing and occupied space testing	Palt	11/9/09		Not required, the tools will be purchased and installed at a latter date		11/12/09
66	11/9/2009	Sundt	P-401 notes 1 and 3 refer to sheet M202 which does not exist, which page should be referred?	Gayner	11/9/09		Should be M-402. Has been updated in addendum #2.		11/12/09
67	11/9/2009	Sundt	P-401 note 17 refers to a flow meter. Please provide spec	Gayner	11/9/09		P-401 has been updated. See spec section 17051-2.13-A		11/12/09
68	11/9/2009	Sundt	P-401 note 20 is difficult to read	Sundt	11/9/09		Note 20 -1"CHWS, 1"CHWR, 3/4"HHWS, 3/4"HHWR, and 3/4"CR		11/12/09