



Cunningham Science and Math Complex

Project Overview

Construction Architect:	tBP Architecture
Contractor:	Taisei Construction Corp.
Project Budget:	\$ 63,435,782 *
Actual Bid Day Amount	\$ 35,149,900 **
Actual Notice to Proceed Date:	February 8, 2010
Current Contract Completion Date	
Phase I:	February 7, 2012
Phases III / IV:	March 15, 2013
* Includes soft costs	
** Contract amount with General Contractor	

Project Description: This project consists of a new three story math/science complex including a 70,000 sf laboratory core, with primarily dry labs on the first floor, wet biology labs on the second floor, and chemistry labs on the third floor. There is 20,000 sf of office space and 20,000 sf of classrooms dedicated to each discipline, primarily in separate zones. The labs wrap around a central service core consisting of tech offices, lab preparation rooms, and lab storage rooms. Students will enter the labs from the opposite side of the central service core providing safe separation of students and chemicals. Student break-out spaces, computer labs, and a resource center for studying and tutorial sessions will be provided.

Progress

During this reporting month the contractor has continued with the erection of the structural steel at building Wing A. The third floor and roof steel beams erection is ongoing. Second and third floor metal decking has been spread. The second floor metal decking is anchored, closure pieces are welded to the steel framing, and nelson stud welding is in progress. Roof decking is loaded for upcoming spreading and placement. Wing A stair stringers are currently installed for the first to the second floor. Forming and rebar reinforcement for curbs and concrete slab at second floor deck is in progress. The electrical subcontractor has installed sleeves for floor boxes and conduit for the second floor concrete deck. Plumbing subcontractor is installing floor drains and laying out second floor plumbing penetrations. HVAC layout for first floor is ongoing and second floor penetrations are in progress. The utility yard footing has been poured and wall forming is complete. Wing A first floor bathroom, electrical room, and stair area has been formed and concrete has been placed. The Wing C concrete slab has been formed and placed.



Issues

Baserock section underneath the concrete placed for Wing A began to fallout once the slab edge forms were removed creating voids underneath the concrete slab. The contractor filled in the sections voided of baserock with concrete slurry at the direction of the structural engineer.

Budget

Refer to current Budget Summary Report sheet included herein.

Schedule

The current contract completion date for Phase I is February 7, 2012 and for Phases III / IV is March 15, 2013.

Logs

- ❑ Outstanding RFI's – There are eight (8) outstanding RFI as of this publish date.
- ❑ Outstanding Submittals – There are fifty-three (53) outstanding Submittals as of this publish date.
- ❑ PCO Summary Log – There have been forty five (45) PCO's initiated as of this publish date.

Contract Change Orders

- ❑ CCO #01 – Add \$21,601.00 and 0 CD's
- ❑ CCO #02 – Add \$37,963.36 and 0 CD's
- ❑ CCO #03 – Add \$19,278 and 0 CD's



Progress Photos



Building Wing A Structural Steel Erection for Floors One, Two, and Three



Placement of Concrete for Building Wing C



District Data Center Sitework and Tenant Improvement Project

Project Overview

Project Architect:	bfgc Architects and Planners
Contractor:	Flintco, Inc.
Project Budget:	\$ 11,589,000 *
Actual Bid Day Amount:	\$ 6,144,000 **
Actual Notice to Proceed Date:	February 1, 2010
Current Contract Completion Date:	August 29, 2010

* Includes soft costs

** Includes Sitework \$1,500,000 and Tenant Improvement \$4,644,000

Project Description: The District Data Center Sitework project consists of site grading, the installation of underground utilities to the building, installation of electrical and mechanical enclosures and equipment, fencing, site lighting, site concrete and AC paved access road and parking areas. Exterior concrete walkways, landscape irrigation and plantings are also included.

The Tenant Improvements include HVAC systems, fire sprinkler and fire suppression systems, telecommunications, data, depressed computer room slab with raised flooring, warehouse storage facilities, as well as the building interior improvements, furnishings, and finishes. A cart storage enclosure is also included.

The Board of Trustees awarded the project to Flintco, Inc. on December 15, 2009.

Progress

Sitework: The Data Center entrance planters are complete as is the landscaping. The AC paving has been sealed, the parking lots striped and exterior signage has been installed rendering the Data Center sitework project essentially complete.

Tenant Improvement: During the reporting month the roof curbs for the roof mounted air handlers were delivered and installed facilitating the installation of the air handlers themselves. The mechanical, electrical systems are currently being tested and commissioned. The interior punchlist has been generated and the contractors are currently working through the list of items to be corrected. The low voltage installations continued in the main telecom rooms and the office spaces.



Issues

There are no issues to report at this time.

Budget

Refer to current Budget Summary Report sheet included herein.

Schedule

The current contract completion date is August 29, 2010.

Logs

Refer to project logs bound herein as follows:

- Outstanding RFI's – There are 2 outstanding RFI's as of this publish date.
- Outstanding Submittals – There are 3 TI Submittals, and no SW Submittals in review as of this publish date.
- PCO Summary Log – There have been 182 PCO's initiated as of this publish date.

Contract Change Orders

Sitework:

- CCO #01 – Add \$30,633.00 and 0 CD's
- CCO #02 – Add \$9,119.00 and 0 CD's
- CCO #03 – Add \$7,902.00 and 0 CD's
- CCO #04 – Add \$26,570.00 and 0 CD's

Interior Improvements:

- CCO #01 – Add \$4,681.00 and 0 CD's
- CCO #02 – Add \$24,445.00 and 0 CD's
- CCO #03 – Add \$14,509.00 and 0 CD's
- CCO #04 – Add \$23,311.00 and 0 CD's
- CCO #05 – Add \$62,151.00 and 0 CD's



Progress Photos



Main Entrance and Raised Planters



Break Room and Shared Printer Area



Rest Room



Customer Services



South Campus at Mountain House

Project Overview

Project Architect:	J.D. Grothe & Associates
Contractor:	See Detail Below
Project Budget:	\$ 3,907,400*
Actual Bid Day Amount:	See Detail Below
Actual Notice to Proceed Date:	See Detail Below
Current Contract Completion Date:	See Detail Below

* Includes soft costs

** Contract Amount w/ General Contractor

Project Descriptions: The South Campus at Mountain House alterations for SJDCCD originally comprised four projects. The Fence and Gate Improvements project has now been assigned to Kitchell CEM and increases the project total to five.

- 1) The **Science Laboratory Prep Building Alterations**, with an estimated construction **budget of \$200,000**, entails the renovation of an existing portable into a chemistry and biology lab preparation room that will accommodate three lab technicians, specialized equipment, work stations, chemical waste storage cabinets, and dry storage shelving.
- 2) The **New Doorway into Fume Hood Room**, with an estimated construction **budget of \$5,000**, entails the opening of a wall section between classroom #303 and fume hood room. This will allow the staff to better supervise the students use of the fume hoods.
- 3) The **External Windbreaks**, with an estimated construction **budget of \$150,000**, entails the addition of barrier like devices for dispersing and minimizing wind load in conjunction with upgrading door closers that will extend the usable life of the doors and provide easier access to the classrooms.
- 4) The **Expansion of the Permanent Parking Lot**, with an estimated construction **budget of \$3,500,000**, entails paving the existing temporary parking lot.
- 5) The **Fence and Gate Improvements**, with an estimated construction **budget of \$52,400**, entails the installation of fencing and gates around several areas at the South Campus at Mountain House.



Progress

- 1) **Science Laboratory Prep Building Alterations** - During this reporting month the Contractor is complete. Final completion is pending the fume hood & correct fume hood cabinet installation which are owner furnished items. The fume hood arrived on Friday, August 27,2010. The Contractor was advised not to install the fume hood until the maple base cabinets were corrected. Corrected fume hood base cabinets are scheduled to arrive the first week in October 2010. Upon receipt, the Contractor will finalize installation. A final punch list walk with the mechanical, electrical, and plumbing consultants will be scheduled upon complete installation of the fume hood.
- 2) **External Windbreaks** – The Contractor is complete. All the windbreaks are in place and appear to be serving the purpose of dispersing and minimizing wind while aesthetically enhancing the campus. The Contractor has corrected all of the punch list items which stressed better cleanup of the glazing surfaces and surrounding areas affected by the work. A final punch list walk is not required but will be scheduled in conjunction with the Science Laboratory Prep Building punch list walk.
- 3) **Expansion of the Permanent Parking Lot** – KCEM provided the District with a revised ROM estimate for the permanent parking lot for their review. This revised estimate included shade structures to cover the parking spaces which would have solar panels installed to generate electricity for the campus. The Expansion of the Permanent Parking Lot remains on hold by the District until the finalization of the Mountain House South Campus Master Plan.
- 4) **Fence and Gate Improvements** –The project is complete.

Issues

Science Laboratory Prep Building Alterations – The Fume Hood arrived; however, the incorrect base cabinets were delivered. The cabinets were specified maple but arrived as natural oak. The supplier, Laboratory by Design reported the corrected cabinets now have an anticipated arrival for the first week in October 2010.

Budget

Refer to District's current Summary Cost Control Report for updates on the current status of the project.



District is in the process of consolidating budgets so as to have one project budget for the overall site.

Schedule

Science Laboratory Prep Building Alterations

June 03, 2010	Bid opening
June 16, 2010	Contract signing/NTP
August 13, 2010	Project completion

New Doorway into Fume Hood Room

June 30, 2010	Project completion
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External Windbreaks

August 13, 2010	Project completion
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Fence and Gate Improvements

July 13, 2010	Project completion
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Logs

Refer to project logs bound herein as follows:

Science Laboratory Prep Building Alterations

- Outstanding RFI's – There are no outstanding RFI's as of this publish date.
- PCO Summary Log – There are 3 PCOs as of this publish date
- Submittal/Closeout Log

Exterior Windbreaks

- Outstanding RFI's – There are no outstanding RFI's as of this publish date.
- PCO Summary Log – There are 4 PCOs as of this publish date
- Submittal/Closeout Log



Contract Change Orders

Science Laboratory Prep Building Alterations

- There is one change order in progress

Exterior Windbreaks

- There is one change order in progress

Progress Photos

Science Laboratory Prep Building Alterations



Portable 403 left interior , facing South



Portable 403 right interior, facing South



Portable 403 rear



Portable 403 front, emergency shower



□ **Exterior Windbreaks**



Portable 408 thru 403 windbreak frames



Restroom Portable 303 Windbreak frame



Restroom Portable 203 Windbreak



Portable 201 Windbreak

ATTACHMENTS

- Gowan/Roek PCO Log
- Roek Submittal/Closeout Log
- Gowan Submittal/Closeout Log