

Board of Trustees Agenda Item

Board Meeting Date: November 5, 2012

Title of Item: Physical Sciences & Engineering Center; Hathaway Dinwiddie Construction Company Change Order No. 15 - \$404,400.

Background and Analysis:

As construction of the Physical Sciences & Engineering center approaches completion, a number of issues have arisen, leading to a significant change order. The two issues having the greatest impact involve ceiling design issues and site soils.

A combination of technical issues and the resulting visual appearance of corridor ceilings led to design changes that required DSA approval. While the impact of this change is not significant in itself (\$39,908), the redesign and approval process has affected the ability of the contractor to complete the work on schedule.

The soil issues involve the discovery of a spring on the north site hillside that requires installation of drainage and a soil keyway to stabilize the slope, and the need to locate more soil than originally planned on that area of the site. Some of this added soil was generated by the two Foothill site projects that were under way this summer, saving cost to those projects by avoiding transporting soil off-site. The combined cost of these two issues is estimated at \$187,250. Spreading and compacting the soil is proposed to be completed on a time-and-materials basis to determine the actual cost.

The ceiling and soil issues, combined with a number of other smaller issues, have led to a request by the contractor for a 22-day time extension and associated costs. The increased contract amount for the time extension of \$83,140 settles all cost impacts resulting from these issues. The extended time will not delay opening the facility for classes in January.

The remainder of the change order scope is comprised of: unresolved design issues such as the need to add wall framing blocking and painting, gutter and wall closure details; and District-requested refinements to the design, such as added lighting, improved paint finish on exposed steel framing, and instruction station detail refinements. In addition, temporary emergency phone and parking lot ticketing was added to allow partial use of Lot 4 before completion, and data conduit was installed for the future Print Shop & Plant Services project to avoid later removal of new construction.

The total cost of this change order is \$404,400. This change and all previously approved change orders equals 5.1% of the base contract value. The funding for this change is available within the project budget.

Recommendation: Charles Allen, Executive Director of Facilities, Operations and Construction Management recommends that the Board approve Change Order No. 15 to Hathaway Dinwiddie Construction Company.

Submitted by:	Charles Allen x6150
Additional contact names:	Art Heinrich x6295
Is backup provided?	Yes

Prime Contract Change Order

Detailed, Based on Unit Prices, Architect - Foothill with
DSA Number

Date: 10/15/2012

To Contractor:

Hathaway Dinwiddie Construction
565 Laurelwood Rd.
Santa Clara, Ca 95054

DSA Number 01 - 111001

Architect's Project

Contract Date: 2/10/2011

Contract Number: MC111059

Change Order Number: 015

The Contract is hereby revised by the following items:

Change Order 15 - November 5, 2012 BOT

PCO	Description	Amount
114	(HD COR 1082) RFI 2509-S-248.002 Continuous Blocking, per Structural Engineer's Direction, (J&J)	\$20,244
115	(HD COR 1083) RFI 2790-A-120 Gutter Gap Filler Piece, per Architect Request (Lee's, Therma)	\$20,682
120	(HD COR 1089) RFI 2970-A-205 Added Closure Metal Between Wood and Clay Wall / GFCEP Panel, per Architect Request, (Therma)	\$8,189
148	(HD COR 1108) RFI 3092-A-267 Ridge and Hip Details at Shake Roof, per Architect Request, (Alliance)	\$9,610
151	(HD COR 1106) Bulletin 48 Architectural Woodwork Revisions Cafe Under Counter LED, per Owner Request, (RCE)	\$4,817
152	(HD COR 1111) RFI 3176-A-306 Beauty Cap Modifications for Mechoshades, per Architect Request, (Royal)	\$5,798
154	(HD COR 1115) Lot 4 Ticket Machine and Emergency Phone Relocation, per Owner request, (RCE)	\$2,371
159	(HD COR 1117) RFI 3142-A-293.001 and RFI 3043-S-345 Contractor requesting Extra General Conditions for Lab Corridor Ceiling Changes, Bulletin 64C Soil Disposal area and site work, Bulletin 35 Signage, per Owner Request, (GF, HD)	\$83,140
160	(HD COR 1118) Installation of Two 4" Conduits for Future PSE Project, per Owner Request, (RCE)	\$19,410
163	(HD COR 1120) RFI 3234-A-342 Classroom Breezeway Catwalk Paint Color Revision, per Architect Request, (Jerry Thompson)	\$4,080
164	(HD COR 1121) Commons AESS Additional Prep, per Owner Request (Jerry Thompson)	\$7,730
165	(HD COR 1122) Additional Paint at Braces for Cloud Ceiling, per Architect Request, (Jerry Thompson)	\$9,350
166	(HD COR 1123) Bulletin 64C Excess Soil Grading - Grubbing, Scarifying, Installing Keyway and Subdrain on the Hillside, per Owner's Request, (M&H)	\$49,921
167	(HD COR 1124) Bulletin 64C Excess Soil - Spreading and Compacting Additional Fill, per Owner Request, (M&H, S&B)	\$104,110
168	(HD COR 1125) Bulletin 64C Excess Soil - Load and Off-Haul Onsite Spills to Disposal Site, per Owner Request, (M&H)	\$7,284
169	(HD COR 1126) RFI 3231-A-341 Added GSM Flashing at Classroom, per Architect Request, (Therma)	\$2,901
170	(HD COR 1127) Added Grilles at Instructor Stations, per Owner Request, (Balliet)	\$4,857
159A	(HD COR 1117) RFI 3142-A-293.001 and RFI 3043-S-345 Lab Corridor Ceiling Changes, per Owner Request, (GF, HD)	\$39,906

1 - PSEC ONLY - Prime Contract Change Order**11/28/12**Detailed, Based on Unit Prices, Architect - Foothill with
DSA Number

The original Contract Value was.....	\$41,576,182
Sum of changes by prior Prime Contract Change Orders.....	\$1,719,173
The Contract Value prior to this Prime Contract Change Order was.....	\$43,295,355
The Contract Value will be changed by this Prime Contract Change Order in the amount of.....	\$404,400
The new Contract Value including this Prime Contract Change Order will be.....	\$43,699,755
The Contract duration will be changed by.....	22 Days
The revised Substantial Completion date as of this Prime Contract Change Order is.....	11/28/2012

The Contract documents are hereby amended to include the additional work described above. The contractor will furnish all labor, material and supervision to complete the work above. The contractor agrees to release the Owner from all additional costs, cost overruns, delay damages that arise out of this change order.

Ratcliff

ARCHITECT
5856 Doyle Street
Emeryville, CA 94608

Address

By

SIGNATURE

DATE

Hathaway Dinwiddie Construction

CONTRACTOR
565 Laurelwood Rd.
Santa Clara, Ca 95054

Address

By Stephen McCoid

SIGNATURE

DATE

Foothill-De Anza Community College
DistrictOWNER
12345 El Monte Road
Los Altos Hills, CA 94022

Address

By Charles Allen

SIGNATURE

DATE

College Approval

Signature

Date: