

Board of Trustees Agenda Item

Board Meeting Date: April 5, 2010

Title of Item:

Measure E Consent

Background and Analysis:

Aggregate amount for these items is \$72,470

De Anza College –

- A) Salas O'Brien – Revision #1 to PAA #D03 – Science Center Fire Sprinklers - \$6,925
- B) Budget Transfer #72
- C) Allana Buick Bers, Inc. – Revision #1 to PAA #D20 – PE Shower Repairs - \$7,575

Foothill College –

- D) Cody Anderson Wasney Architects, Inc. – Revision #1 to PAA #F-CAW – New ETS/Data Center Building - \$57,970

Central Services –

None

Charles Allen, Executive Director of Facilities, Operations, and Construction Management, Tom Armstrong, Director, Bond Program Management, De Anza College, recommend that Measure E consent items be ratified/approved by the Board of Trustees.

Submitted by:	Charles Allen, Executive Director, Facilities, Operations, & Construction Management
Additional contact names:	Tom Armstrong, Dir. Bond Program/DAC, Art Heinrich, Dir. Bond Program/FHC
Is backup provided?	Yes

REVISION #1 TO PROJECT ASSIGNMENT AMENDMENT D03 TO
THE MASTER AGREEMENT BETWEEN FOOTHILL-DE ANZA COMMUNITY COLLEGE
DISTRICT AND Salas O'Brien Engineers, Inc. DATED DECEMBER 1, 2008

This Project Assignment Revision is executed between the FOOTHILL-DE ANZA COMMUNITY COLLEGE DISTRICT, ("District") and Salas O'Brien Engineers, Inc. ("Consultant") pursuant to the Standard Form of Agreement Between Foothill-De Anza Community College District and Salas O'Brien Engineers, Inc., which is incorporated herein by this reference.

Description Of Assigned Project Revision:

1. This revision amends the original requirements of PAA D03 to include fully designed and engineered construction drawings and specifications as necessary to publicly bid and build the project as required for DSA certification.
2. This revision in conjunction with PAA D03 and all previous tasks is intended to encompass all anticipated design and construction administration effort required to design, bid and build the necessary modifications to the fire sprinkler system including, upon completion, DSA certification.

DELIVERABLES:

1. 100% construction drawings, and supporting documentation sealed by a California Registered Engineer.
2. DSA Certification upon completion

Consultant Compensation:

This revision is for **\$6,925** for a total revised Project Assignment cost of **\$16,885**.

Task	Current Agreement	Revision #1	Revised Agreement
Engineering & Design	\$ 6,560	\$ 6,175	\$ 12,735
Bid Phase	\$ 900	\$ 250	\$ 1,150
Construction			
Administration	\$ 1,750	\$ 500	\$ 2,250
DSA Certification	\$ 750		\$ 750
	\$ 9,960	\$ 6,925	\$ 16,885

Contract Summary:

Original PAA D-03:	\$ 9,960
Previous Revisions	\$ 0
Current Contract Value:	\$ 9,960
This Revision (Rev #1):	<u>\$ 6,925</u>
Revised Contract Value:	\$ 16,885

1. Basic Services Completion Schedule:

Task:	Start:	Finish:
Engineering & Design:	03-15-10	05-07-10 (This revision adds 2 weeks from 04-23-10)
Bid Phase	05-03-10	08-03-10
Construction:	08-20-10	08-31-10

2. Basic Services:

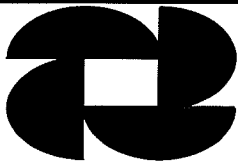
All basic services remain as defined in the referenced Master Agreement dated 12-01-18 and PAA D-03

"DISTRICT"
FOOTHILL-DE ANZA COMMUNITY COLLEGE
DISTRICT, a California Community College

"CONSULTANT"
Salas O'Brien Engineers, Inc.

District By: _____ By: _____
Charles Allen
Executive Director of Facilities, Operations, and
Construction Management

By: _____ By: _____
Carl E Salas, RE.
President



Foothill-DeAnza Community College District

FACILITIES, OPERATIONS & CONSTRUCTION
MANAGEMENT

MEASURE E BUDGET TRANSFER

Campus: DeAnza
BoT Date: April 5, 2010

Transfer Number: DA # 72

Transfer Type: Project to Project
Program Contingency to Project

Budget transferred from:

Budget transferred to:

Acct Code: Project Name:

Acct Code: Project Name:

210 Administration
213 Campus Center
224 S Quad Phase 1
239 ADA / Signage
248 Kirsch Center
249 Mobile Village
260 Campus Site Lighting
274 S2/S6 Cooling Tower Relocation
278 Master Landscaping PH II

202 Science Center
217 Forum
218 Learning Center
269 A9 (Euphrat Gallery)
276 Science Center HVAC
277 Minor Improvements
279 Campus Site Lighting PH II (Design Only)
280 ADA Asphalt Walkway Improvements (Design Only)
281 ~~ATC Central Plant Noise Attenuation~~ ATC/S-Quad Sound Attenuation
282 Campus-Wide Coax Replacement
283 Combined Site Improvements (Design Only)

Proj #	Project Name	Current Budget	Revised Budget	Transfer Amount
Projects with Budget Changes:				
202	Science Center	\$ 20,910,953	\$ 20,910,954	\$ 1
210	Administration	\$ 3,686,485	\$ 3,686,484	\$ (1)
213	Campus Center	\$ 7,323,480	\$ 7,323,479	\$ (1)
217	Forum	\$ 314,679	\$ 315,415	\$ 736
218	Learning Center	\$ 78,205	\$ 78,895	\$ 690
224	S Quad Phase 1	\$ 7,118,541	\$ 7,097,131	\$ (21,410)
239	ADA / Signage	\$ 175,649	\$ 175,430	\$ (219)
248	Kirsch Center	\$ 11,592,485	\$ 11,592,162	\$ (323)
249	Mobile Village	\$ 2,079,742	\$ 2,075,429	\$ (4,313)
260	Campus Site Lighting	\$ 79,500	\$ 78,819	\$ (681)
269	A9 (Euphrat Gallery)	\$ 1,409,834	\$ 1,409,835	\$ 1
274	S2/S6 Cooling Tower Relocation	\$ 652,560	\$ 646,166	\$ (6,394)
276	Science Center HVAC	\$ 5,106,400	\$ 5,113,737	\$ 7,337
277	Minor Improvements	\$ 1,077,748	\$ 1,110,806	\$ 33,058
278	Master Landscaping PH II	\$ 1,389,956	\$ 495,634	\$ (894,322)
279	Campus Site Lighting PH II (Design Only)	\$ 189,000	\$ 210,403	\$ 21,403
280	ADA Asphalt Walkway Improvements (Design Only)	\$ 90,000	\$ 101,808	\$ 11,808
281	ATC Central Plant Noise Attenuation ATC/S-Quad Sound Attenuation	\$ 88,128	\$ 501,461	\$ 413,333
282	Campus-Wide Coax Replacement	\$ 200,000	\$ 202,850	\$ 2,850
283	Combined Site Improvements (Design Only)	\$ -	\$ 736,000	\$ 736,000
Subtotal DeAnza Project Budgets (All Projects)		\$ 158,279,945	\$ 158,579,498	\$ 299,552
Subtotal Funding:		\$ 158,622,382	\$ 158,622,382	\$ -
Subtotal Program Contingency:		\$ 342,436	\$ 42,884	\$ (299,552)
TOTAL DEANZA BUDGET:		\$ 158,622,382	\$ 158,622,382	\$ (0)

Campus Approval

District Approval

Program Manager Approval

FHDA BOARD OF TRUSTEES

DEANZA COLLEGE

MEASURE E

BUDGET SUMMARY

REVISION DATE: 04-05-10 Includes DA Transfer #72

ACTIVE PROJECTS:

Proj #:	Project Name:	Current Budget:
277	Minor Improvements	\$ 1,110,806
278	Master Landscaping PH II	\$ 495,634
279	Campus Site Lighting PH II (Design Only)	\$ 210,403
280	ADA Asphalt Walkway Improvements (Design Only)	\$ 101,808
281	ATC Central Plant Noise Attenuation ATC/S-Quad Sound Attenuation	\$ 501,461
282	Campus-Wide Coax Replacement	\$ 202,850
283	Combined Site Improvements (Design Only)	\$ 736,000

Sub Total Active Projects: \$ 2,622,961

COMPLETED/ CLOSED PROJECTS:

Proj #:	Project Name:	Current Budget:
147	DA Scheduled Maint	\$ 97,144
201	Asphalt Walk Repair	\$ 242,281
202	Science Center	\$ 20,910,954
203	Student & Community Services	\$ 14,829,026
204	Faculty Offices	\$ 1,581,281
205	L Quad	\$ 4,276,377
206	Child Development Center	\$ 5,573,463
207	New Parking Deck / Lot C Improvements	\$ 12,558,981
208	Campus Entries	\$ 4,323,477
209	Performance & Lecture Hall	\$ 19,158,956
210	Administration	\$ 3,686,484
211	A Quad Phase I	\$ 986,082
212	Bookstore Conversion	\$ 56
213	Campus Center	\$ 7,323,479
215	E2 Machine Technology	\$ 650,383
216	E3 Drafting	\$ -
217	Forum	\$ 315,415
218	Learning Center	\$ 78,895
220	PE-Quad	\$ 9,511,111
224	S Quad Phase 1	\$ 7,097,131
225	CA History	\$ 476,000
226	Planetarium	\$ 1,873,162
228	Flint Parking Structure	\$ 114,107
229	Restroom Renovations	\$ 507,515
233	T9/Bookstore/ Whse/ Print Shop/Lot K	\$ 262,030
234	Athletics Fields	\$ 3,277,043
237	Master Landscaping Phase 1	\$ 1,216,514
238	Stadium Repairs/Improvements	\$ -
239	ADA / Signage	\$ 175,430
240	Fire Alarm Panel Replacement	\$ 287,553
241	Utility Vault Replacement	\$ 190,915
242	Safety/Emergency Phones	\$ 20,726
243	Water Line Valve	\$ 796,449
244	HV Cable Replacement	\$ -
245	Fire Sprinkler Systems for Select Areas	\$ -
246	Flood Control Pumps and Storm Drains	\$ -
247	Asbestos Removal	\$ -
248	Kirsch Center	\$ 11,592,162
249	Mobile Village	\$ 2,075,429
250	New Building Utility Connections	\$ -
251	Public Transit Center	\$ 942
253	Campus Ctr - Sprnklr Rprs	\$ 98,371
256	Fire Line Cross Connect	\$ 208,360
257	Pool Renovation	\$ 1,622,987
258	Bookstore Warehouse -	\$ -

FHDA BOARD OF TRUSTEES		
DEANZA COLLEGE	MEASURE E	
BUDGET SUMMARY		
REVISION DATE: 04-05-10 Includes DA Transfer #72		
259 CDC Wing B Renovation	\$	604,614
260 Campus Site Lighting	\$	78,819
261 New Parking Lot K -	\$	-
262 Stelling and Lots A & B	\$	2,295,076
263 Parking Lot D, E & Loop Rd Mtc	\$	14,760
265 New Lot - Baseball/ESA -	\$	-
266 CDC Landscape	\$	333,451
267 A Quad Phase 2 (A-1,2,3,4 & 6)	\$	2,581,901
268 A8 (TV Studio)	\$	143,855
269 A9 (Euphrat Gallery)	\$	1,409,835
270 E1 Auto Tech (Design Only)	\$	215,344
271 L7 - ETS & Classroom Bldg Renovation	\$	-
272 Stelling A & B Landscape	\$	270,222
273 Irrigation Mainline	\$	779,585
274 S2/S6 Cooling Tower Relocation	\$	646,166
275 S-Quad Phase II	\$	2,736,500
276 Science Center HVAC	\$	5,113,737
Sub Total Completed or Closed Projects:		\$ 155,220,536
Total DeAnza Project Budget:		\$ 157,843,498
Current Program Contingency:		\$ 778,884
Total DeAnza Budget		\$ 158,622,382

FUNDING SOURCES		
Measure E	\$	125,358,578
Scheduled Maintenance Funding		
Summary Closed Sched Maint Funding	\$	393,000
Sched Maint '00-'01 Cash	\$	577,000
Sched Maint '01-'02 Cash	\$	679,000
Sched Maint '02-'03 Cash	\$	364,500
Sched Maint '03-'04 Cash	\$	319,000
Sched Maint '04-'05 Cash	\$	273,500
Sched Maint '05-'06 Cash	\$	228,000
Haz Mat State Funding 2000	\$	-
	Subtotal:	\$ 2,834,000
Other		
Campus Use Fees	\$	1,000,000
Hazmat Abatement Funding	\$	41,754
EDI Grant (Planetarium)	\$	74,558
Commnty Ed. Prgm Contrib - Planetarium	\$	416,202
Campus Use Fees	\$	3,000,000
Bookstore Funding - SCS	\$	500,000
Bookstore Funding - Wrhse	\$	-
PFE Funding	\$	660,000
Community Ed Funding - SCS	\$	200,000
Capital Outlay CDC Original	\$	-
Capital Outlay CDC Augmentation	\$	-
Closed Income Sources	\$	4,197,000
Kirsh Donation	\$	2,000,000
Other Donation - to KCES Building	\$	35,000
Print Shop	\$	100,000
DeAnza Student Body Association	\$	50,000

FHDA BOARD OF TRUSTEES

DEANZA COLLEGE

MEASURE E

BUDGET SUMMARY

REVISION DATE: 04-05-10 Includes DA Transfer #72

CDC Landscape Grant	\$	-
Additional CDC funding	\$	-
Summary Closed Funding Sources	\$	260,872
Energy Fund Contribution	\$	385,000
Interest Income - Distribution 1	\$	5,403,678
REFINANCE INCOME	\$	1,019,549
Perf. Hall: State Contribution	\$	4,187,000
College Fine Arts Dance Floor Contribution	\$	43,000
Hazmat Abatement Funding (224 Xfer #44)	\$	20,735
Student Use Fees	\$	1,000,000
Outside Resources: DeAnza Instructional Equip.	\$	45,000
Onetime Workforce Program Funding	\$	200,000
Transfer of funds from Dist. Proj 765401	\$	2,481,088
2006-2007 Scheduled Maintenance	\$	274,330
Interest Income - Distribution 2	\$	1,071,173
Reduced Onetime Workforce Funding	\$	(63,521)
Print Shop Funding	\$	(100,000)
Performance Hall- Local Fundraising (Foundation)	\$	500,000
Science Center Arbitration Award	\$	1,648,115
Transfer Funding to District Budget	\$	(220,729)

Subtotal: \$ 30,429,804

TOTAL FUNDING: \$ 158,622,382

Approval Signatures:

Campus:	Date
District:	Date
Gilbane:	

**Revision 01 to PAA D20 (dated 01/19/09) to the
Master Form Of Agreement between
Foothill-De Anza Community College District and Allana Buick & Bers, Inc.**

Revision 01 to PAA #20 (dated 01/19/09) between Foothill - De Anza Community College District and Allana Buick & Bers, Inc. for the PE Women's Showers Repair Project located at De Anza College.

REVISION DATE: April 5, 2010

1. ASSIGNED PROJECT DESCRIPTION

Measure E Program – De Anza College
PROJECT No: 765-277.c PE Shower Repairs
Waterproofing Repairs: Women's Showers Located in PE-6

2. CONSULTANT COMPENSATION

Compensation shall be a: LUMP SUM CONTRACT

Original contract value:	\$ 25,205
Net change in contract value from previous revisions:	\$ 0
Contract value prior to this revision:	\$ 25,205
Net change in contract value due to this revision:	<u>\$ 7,575</u>
New contract value including this revision:	\$ 32,780

Schedule of Values & Allocation of Project Consultant's Fee:

Scope & Phase	PAA D20	Rev.01	Total Value
A. Condition Assessment, Design Development, Construction & Bid Documents	\$ 13,240	\$ 5,775	\$ 19,015
B. Estimate of Construction Costs	\$ 1,500	\$ -	\$ 1,500
B. Bid Phase	\$ 1,700	\$ -	\$ 1,700
C. Construction Administration, Construction Monitoring & Inspection Services, & Project Closeout	\$ 6,565	\$ 1,800	\$ 8,365
Fee Subtotal	\$ 23,005	\$ 7,575	\$ 30,580
Reimbursable Expenses (Lump-sum Not to Exceed)	\$ 1,200	\$ -	\$ 1,200
TOTAL VALUE	\$ 25,205	\$ 7,575	\$ 32,780

3. SCHEDULE

Design Phase Adjustment
Original Finish Date: 03/30/10

4. **ADDITIONAL SCOPE & CONDITIONS**

Condition Assessments revealed greater extent of damage and increased wall framing requirements, which has increased the original project scope and requires additional design efforts, details, and solutions. This revision includes compensation for the additional design & construction administration & inspections required.

The additional scope of work is described as follows, which was not included in the Consultant's (ABB) original proposal. ABB shall provide recommendations, design, and complete technical specifications for the following:

Design Phase

Shower Benches:

ADA bench design & frame support inside the showers. The District requested ABB to research plastic or aluminum benches. Customized framing detailing will be required at each bench location. Verify & advise on maximum weight loading specifications & limits. (Note: ABB has advised that the current framing at the bench location is undersized and/or unsuitable to support a person).

Provide ADA design for the bench, code research, back support design, structural detailing. Includes waterproofing of the bench and waterproofing penetration details & specifications (2 to 3 details). Load calculation for back support and attachment/connection details. Study bending moment for the stud framing.

Tile & Grout:

Provide tile selection and color, including a sample board to enhance the appearance. ABB will research & present tile options. Provide color board & prep for presentation. Visit local tile shops and select options for presentation to De Anza.

Epoxy grout to be specified & reviewed with current cleaning & maintenance procedures.

Walls & Framing & Backing:

During the destructive testing & inspection, corroded materials were discovered which require partition repair & framing reinforcement. Includes structural detail development and design for replacement of corroded framing & sistering repairs to the partition walls.

Additional structural framing details for the increase of stud framing from 24" to 16" o/c. Prepare typical stud attachment details and design for reframing the walls to 16-inches o/c (as recommended by the Tile Council of America). Provide all framing specifications. Note: destructive testing & inspection revealed that the shower partition framing is insufficient with current stud spacing at 24-inches o/c.

ABB excludes a detailed "stud layout plan", and will indicate spacing specifying gauge thickness, size, type, etc. utilizing plan notations & technical specifications.

Provide all backing & framing support design for plumbing fixtures and accessories. (Includes two to three details). All fixtures shall be properly sealed from water intrusion and shown on the plans.

Expansion of design work to include adjacent drinking fountain area and locker room hallway leading to shower area. ABB will provide additional elevations drawings, floor plans. Wall design to include new finishes.

Walls around drinking fountains and adjacent hallways were observed to exhibit substantial water damage and corrosion; therefore, require repair.

Tile replacement outside of the showers to include the wall transition directly in front of the shower entrances along the bathroom corridor. This wall is being rebuilt and currently has continuous tile on both sides.

Demo plans to include information & notations on fixture removal, identify items to be reused & refitted, disconnections, temporary capping, etc.

Plans & Specifications shall address re-installation of all plumbing, electrical, fixtures, and insulation. Provide all associated technical specifications.

Painting & Coatings:

Provide prep & paint technical specifications and finish schedule for all areas requiring repair, preparation, and paint (including hallways, shower room ceilings, etc.). Includes all sealants, penetrations, calking, cure times, etc.

Ceilings:

Replacement of the ceiling inside the shower (previously outside the scope of work as the original project design include the floor & walls only). Existing sheathing was discovered to be non-moisture resistant.

Mechanical Grilles & Access Doors:

Design to include replacement of mechanical grilles & access doors, which are corroded. Material Selection for the mechanical grilles & access panels.

Drains:

Plumbing design for the installation of an additional drain for each shower area for a total of (2) two new drains & tie-in connection details. Includes concrete repair detailing.

New drain design and associated plumbing design & specifications. ABB to indicate sloping requirements and connections to existing. (ABB notes that there are unknowns that may be uncovered during the course of construction). Develop concrete repair details for slope - show doweling-in of rebar and concrete patching material.

Site visits:

Additional site visit to review conditions and verify design solutions for the above noted additional scope.

Construction Administration Phase

Additional Construction Administration Services includes additional submittal reviews (4 to 6 hours), and the inclusion of two additional construction site meetings (3 to 4 hours each). CA Phase includes construction progress review, monitoring, and inspections.

Exclusions and Clarifications

Building permit fees, hazardous materials design & specifications, hazardous material testing & remediation, detailed "stud layout plan", structural engineering design and mechanical design, DSA submission & reviews, structural design other than that indicated above, and structural engineering support during construction.

All other contract terms to remain in place per the Master Agreement and Project Assignment Amendment D20 referenced above.

Amendment agreed to by:

OWNER

Signature	Date
-----------	------

Charles Allen
Executive Director of Facilities, Operations, and Construction Management
Foothill-De Anza Community College District

CONSULTANT

Signature	Date
-----------	------

COO, Principal
Allana Buick & Bers, Inc.

Revision #1 to PO # ME 100655

Revision #1 to Standard Agreement PO# ME100655 dated May 05, 2009 between Foothill-De Anza Community College District and Cody Anderson Wasney Architect for Measure E Project #401 New ETS / Data Building.

AMENDMENT DATE: 04/06/10

SCOPE OF WORK:

CAW's LEED consultant KEMA Green Building Services Inc. will participate in meetings in order to educate the design and construction team on current LEED requirements and credit achievement. It is expected that the project will attempt a Silver certification under the U.S. Green Building Council's LEED-NC (New Construction) rating system. The scope includes coordination with the team LEED documentation effort, assist in the coordination and collection of documentation pertaining to the project's certification and work closely with design and construction team members to complete LEED documentation necessary for the final LEED submittal including both Design and Construction credits. See Attachment "A".

COMPENSATION:

Original Contract value including Reimbursables:	\$ 1,109,318.00
Net change in contract value due to this Revision #1:	\$ <u>57,970.00</u>
New contract value including this Revision and Reimbursables:	\$ 1,167,288.00

All other contract terms to remain in place per the standard form of agreement listed above.

Amendment agreed to by:

OWNER

Signature

Charles Allen
Director of Facilities, Operations, and Construction Management
Foothill-DeAnza Community College District

CONSULTANT



Signature

Montgomery Anderson, AIA
Principal
Cody Anderson Wasney Architects, Inc.