

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

759



SUBMITTAL DATE:
August 16, 2012

FROM: Successor Agency to the Redevelopment Agency

SUBJECT: Mead Valley Library – Change Order No. 6

RECOMMENDED MOTION: That the Board of Supervisors approve and authorize the Chairman of the Board to execute the attached Change Order No. 6 between Stronghold Engineering, Inc. and the Successor Agency to the Redevelopment Agency for the itemized list of revisions attached hereto in the amount of \$28,172.

BACKGROUND: On June 28, 2011, the Board of Directors awarded construction of the Mead Valley Library Project to Stronghold Engineering, Inc. Change Order No. 6 is a request to revise the Direct Digital Control (DDC) system to provide a fully integrated Tridium Niagara AX and Alerton Technologies BACnet Energy Management System requirements to the Heating, Ventilation, and Air Conditioning (HVAC) system that are required as part of the new Building Automation Standards for the County of Riverside.

(Continued)

Robert Field
Assistant County Executive Officer/EDA

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 28,172	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2012/13

COMPANION ITEM ON BOARD AGENDA: No

SOURCE OF FUNDS: I-215 Corridor Redevelopment Project Area Capital Improvement Bond Proceeds (previously approved budget)	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

BY:
Jennifer L. Sargent

County Executive Office Signature

Prev. Agn. Ref.: 4.11 of 6/28/11 District: 1/1 Agenda Number: **4.9**

Reviewed by: *Samuel Wong*
 CIP TEAM
 FISCAL PROCEDURES APPROVED
 PAUL ANGULO, CPA, AUDITOR-CONTROLLER
 DATE BY: *8/2/12 Samuel Wong*
 DEPARTMENT: *Samuel Wong*
 FORM APPROVED COUNTY COUNSEL
 DATE BY: *8/2/12*
 MARSHAL L. VICTOR

Dept't Recomm.: Consent Policy
 Per Exec. Ofc.: Consent Policy

BACKGROUND:

The additional scope of work for this change order includes the design, engineering, sequence of operation and submittal drawings.

Change Order No. 6 is well within the 10% contingency established in the project budget reflected on the Recognized Obligation Payment Schedule and have been approved by the Oversight Board and the California Department of Finance. Change Order No. 6 will be processed in accordance with the terms of the original construction contract and will not be an additional cost to the project as it is accounted for in the approved budget and a budget adjustment is not required.

Staff recommends that the Board approve Change Order No. 6 in the amount of \$28,172 for the revised DDC system to add Niagara requirements to the HVAC system that are required as part of the new Building Automation Standards for the County of Riverside as attached hereto.

Attached:

- Change Order No. 6

**SUCCESSOR AGENCY TO THE REDEVELOPMENT AGENCY
FOR THE COUNTY OF RIVERSIDE**

CHANGE ORDER NO. 6

Date: 7/9/2012

Project: Mead Valley Library

To Contractor:
Stronghold Engineering
2000 Market Street
Riverside, CA 92501

Project No: 20110060 - ED15040010
Distribution:
Project Manager Construction Manager
Contractor Inspector
Fiscal Architect/Engineer

You are directed to make the following changes. Changes shall include labor, material and equipment; each item to include all charges or indirect arising out of this work:

- | | | |
|---|--------|--------------|
| 1) PCO #6 Revise DDC System to add Niagara Requirements | ADD | \$ 28,172.00 |
| 2) | ADD | |
| 3) | DEDUCT | |
| 4) | DEDUCT | |
| 5) | ADD | |
| 6) | DEDUCT | |
| 7) | ADD | |
| 8) | ADD | |
| 9) | ADD | |
| 10) | ADD | |
| 11) | ADD | |

The specifications, where pertinent, shall apply to these changes.
This Change Order provides for a time extension of 0 calendar days
Original Contract Duration (calendar days): 395
Prior Authorized Time Extension (calendar days): 25
Revised Construction Duration (calendar days): 420
Original Contract Completion Date: 8/25/2012
Revised Contract Completion Date: 9/19/2012

NOTE: This change order is not effective until ALL signatures below are obtained, and if applicable, signature authority approval by Form 11 as indicated per Change Order Guidelines.

The undersigned contractor has given careful consideration to the change proposed, including its effect on other work already contracted for, and hereby agrees, if this change order is approved, that he will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment for all costs related in any way thereto the prices shown above.

1) [Signature] 12 July 12 Date
Contractor (signature) Original Contract \$ 8,660,127.00
Beverly A. Bailey Prior Authorized [X] ADD [] DED \$ 212,742.02
Contractor's Printed name Total Contract Prior to this Change \$ 8,872,869.02

2) _____ Date
Chairman of the Board (signature) Authorized Changes on this C.O.:
Addition \$ 28,172.00
Deduction \$ 0.00

Chairman of the Board Printed name NET: [X] Addition [] Deduction \$ 28,172.00

3) [Signature] 7.3.12 Date
Architect (signature) Amount of Contract Authorized
William Lodge Including this Change Order \$ 8,901,041.02
Architect's Printed name

4) [Signature] 7/9/12 Date
Project Manager (signature)
Gloria Perez
Project Manager's Printed name

PROPOSAL/ESTIMATE FOR CONTRACT MODIFICATION

DATE: 2-Jul-12

CONTRACT TITLE: Mead Valley Library CONTRACT NO: 75 10621-00

Owner Rep Attn: Gloria Perez

DESCRIPTION: PCO#06- Revise DDC System to add Niagara Requirements per owner SEI No. PCO # 006

PRIME CONTRACTOR'S WORK				Revisions/comments	
1. Direct Materials				\$0.00	
2. Sales Tax on Materials	9.75% of line 1	Included	9.75%	\$0.00	
3. Direct Labor				\$0.00	
4. Insurance, Taxes, and Fringe Benefits	39.0% of line 3	Included	39.0%	Inc above	
5. Rental Equipment				\$0.00	
6. Sales Tax on Rental Equipment	9.75% of line 5		9.75%	\$0.00	
7. Equipment Ownership and Operating Expenses				\$0.00	
8. SUBTOTAL (add lines 1-7)				\$0.00	
9. Field Overhead	0% of line 8		0.00%	\$0.00	
10. SUBTOTAL (Add Lines 8 & 9)				\$0.00	

Prime Remarks: This would require replacing currently listed subcontractor, Yamada, with Interra, Inc. based on attached proposed substitution request form and supporting data.

SUB-CONTRACTOR'S WORK				Revisions/comments	
11. Direct Materials				\$23,100.00	
12. Sales Tax on Materials	0.00% of line 11	Included	0.00%	\$0.00	
13. Direct Labor				\$0.00	
14. Insurance, Taxes, and Fringe Benefits	0.0% of line 13	Included	0.0%	\$0.00	
15. Rental Equipment				\$0.00	
16. Sales Tax on Rental Equipment	9.75% of line 15	Included	9.75%	\$0.00	
17. Equipment Ownership and Operating Expenses				\$0.00	
18. SUBTOTAL (add lines 11-17)				\$23,100.00	
19. Field Overhead	0.0% of line 18		0.0%	\$0.00	
20. SUBTOTAL (Add Lines 18 & 19)				\$23,100.00	
21. Home Office Overhead/Profit	15.0% of line 20	Included		\$3,485.00	
22. MFDB Design Fees					
23. SUBTOTAL (Add Lines 20 - 22)				\$26,565.00	

Sub's Remarks:

SUMMARY				Revisions/comments	
24. Prime Contractor's work (from line 10)				\$0.00	
25. Sub-contractor's work (from line 23)				\$26,565.00	
26. SUBTOTAL (add lines 24 & 25)				\$26,565.00	
27. Prime Overhead on sub-contractor	0.0% of line 25		0.0%	\$0.00	
28. Prime's Home Office Overhead	10.0% of line 24		10.0%	\$0.00	
29. Prime's Profit	5.0% of line 26-28		5.0%	\$1,328.25	
30. SUBTOTAL (add lines 26-29)				\$27,893.25	
31. Prime Contractor's Bond Premium	1.000% of line 30		1.0%	\$278.93	
32. TOTAL COST (add lines 30 & 31)				\$28,172	

This change adds 0 calendar days to the project contract time.

Prime Contractor name: Stronghold Engineering, Inc
 Sub-contractor name: Modern Air
 Signature and title of Preparer: [Signature] - SR. PM. Date: 2-Jul-12

S/N 0105-LF-005-6900

INSTRUCTIONS FOR PREPARING PROPOSAL/ESTIMATE FOR CONTRACT MODIFICATION

The conditions and scope of the modification and shall be accompanied by a breakdown of cost, as indicated. Lump sum costs will not be accepted in either the prime or sub-contractor's breakdown of direct cost. The total cost for labor, material, and equipment rental (or ownership) for each item shall be transferred to the corresponding item on the front of this form. At the contractor's option, the overhead rates printed on the front of this form may be used for proposals under \$500,000 in lieu of detailed itemized estimates of overhead costs. The proposal should also include a request for an extension of time, in calendar days, only if overall completion of contract is impacted by the proposed modification.

BREAKDOWN OF DIRECT COSTS

Contract No.: 75 10621-00 Date: 2-Jul-12

DESCRIPTION: PCO#06- Revise DDC System to add Niagara Requirements per owner

ITEMS OF WORK FOR Prime Contractor	QTY	UNIT	MATERIAL		LABOR		Rent/ Own	EQUIPMENT		
			Unit cost	Total Cost	Unit Cost	Total Cost		Days	Rate	Total
1 General Conditions-		0 Days	\$1,105.00	\$0.00	\$0.00	\$0.00				
2a		0 wks	\$0.00	\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
2b		0 ls	\$0.00	\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
3a		0 hrs	\$0.00	\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
3b		0 ls	\$0.00	\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
4a		0 hrs	\$0.00	\$0.00	\$0.00	\$0.00				
4b										
5a										
5b										
6a										
6b										
DIRECT Prime Contractor's TOTALS				\$0.00		\$0.00	R	Total Rental		\$0.00
							O	Total Owned		\$0.00

ITEMS OF WORK FOR Sub-contractor	QTY	UNIT	MATERIAL		LABOR		Rent/ Own	EQUIPMENT		
			Unit Cost	Total Cost	Unit Cost	Total Cost		Days	Rate	Total
1 DDC- Modern Air- Bid Attached	1	ls	\$26,565.00	\$26,565.00	\$0.00	\$0.00	R	0	\$0.00	\$0.00
2	1	ls	\$0.00	\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
3		ls		\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
4		ls		\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
5		ls		\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
6		ls		\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
7		ls		\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
8		ls		\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
9		ls		\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
10		ls		\$0.00	\$0.00	\$0.00	O	0	\$0.00	\$0.00
DIRECT Sub-Contractor's TOTALS				\$26,565.00		\$0.00	R	Total Rental		\$0.00
							O	Total Owned		\$0.00

CHANGE ESTIMATE

Date: 6/11/2012



Job Number: 11080
 Job Name: Mead Valley Library
 Change Estimate: 1
 Description: Revised spec for Tridium Controls

State License #472651 Classifier C20 C36
 1086 W. Lomita Blvd. , Harbor City, CA, 90710
 Office: (310) 325-3712
 Fax: (310) 325-5208

MATERIALS

TOTAL MATERIALS PER ATTACHED DETAIL		\$	-
ACCESSORIES		\$	-
OTHER		\$	-
OTHER		\$	-
OTHER		\$	-
Total Materials:		\$	-
Mark-Up:		\$	-
Tax	9.75%		0.00
Cartage	10%		0.00

LABOR

	Hours	Correction Factor	Extension
TOTAL LABOR PER ATTACHED DETAIL	-	-	-
OTHER			
OTHER			
OTHER			
TOTAL HOURS			

	Hours	Rate	Extension
80% Journeyman	0.00	\$ 66.76	\$ -
20% Foreman	0.00	\$ 71.63	\$ -
0% General Foreman	0.00	\$ 76.78	\$ -
Other			\$ -
TOTAL	-		\$ -
Total Labor			\$ -
Mark-Up			\$ -

SUB CONTRACTOR OTHER

Description	Qu	Price	Extension
Climatec			\$ 23,100.00
See attached proposal			\$ -
			\$ -
			\$ -
		0	\$ -
TOTAL EQUIPMENT/OTHER			\$ 23,100.00
MARK UP			

NOTE

Backfill with native soils, Breaking and removal of cement by others

Total Cost		\$	-
Mark-Up Over head	15%	\$	-
Sub-Total		\$	23,100.00
Profit	15%	\$	3,465.00
Sub-Total		\$	
Bond	%	\$	

GRAND TOTAL: \$ 26,565.00



18002 Cowan
 Irvine, CA 92614
 (949) 474-0955
 Fax (949) 474-0956
 CCL #929807

June 7, 2012

Attention: **Modern Air - Fred**

Subject: **Energy Management System – Change Order Request #1**

Reference: **Mead Valley Library
 21580 Oakwood Street
 Perris, CA**

The Southern California office of Climatec is pleased to provide the following change order request for your consideration.

General

Our change order is based on the following:

Provide a fully integrated Tridium Niagara AX and Alerton Technologies BACnet Energy Management System based upon the in compliance with the latest specifications as provided by TMAD.

- **Specification Section 250000.**

The additional scope includes the design, engineering, sequence of operation and submittal drawings .

The following HVAC systems are included in this scope of work:

Hydronic Systems

Qty	Systems to be Controlled/Monitored
1	Chiller
2	CHW Pumps w/VFD Controls
1	Boiler
2	HW Pumps w/VFD Controls

Air Handling Systems

Qty	Systems to be Controlled/Monitored
13	Fan Coil Units
2	Split System AC Units
3	Exhaust Fans (Controls and Interlocks)

General Clarifications

Operator Workstation

1. Web Access and graphical user interface for equipment and floor plans accessible through the Tridium Niagara AX and JACE Global Controller.

Total Material & Labor:.....\$23,100.00