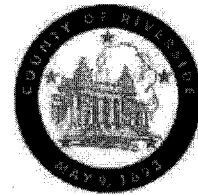


**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



ITEM
3.9
(ID # 8623)

MEETING DATE:

Tuesday, January 29, 2019

FROM : ECONOMIC DEVELOPMENT AGENCY (EDA) AND RIVERSIDE UNIVERSITY HEALTH SYSTEM :

SUBJECT: ECONOMIC DEVELOPMENT AGENCY (EDA) AND RIVERSIDE UNIVERSITY HEALTH SYSTEM: Riverside University Health System Medical Center Operating Room Surgical Lights Replacement Project - Approval of Change Order No. 3 and Notice of Completion for Stronghold Engineering, Inc., District 5. [\$204,045 - RUHS Enterprise Fund 40050 - 100%] (Clerk to Record Notice of Completion)

RECOMMENDED MOTION: That the Board of Supervisors:

1. Ratify Change Order No. 3 in the amount of \$165,830 to Stronghold Engineering, Inc., (Stronghold) for unforeseen conditions on the Riverside University Health System Medical Center Operating Room Surgical Lights Replacement (RUHS-MC OR Surgical Lights Replacement) Project; find that the work was integral to the project and that competitive bidding would not produce an advantage and is impractical for the work;
2. Authorize the Assistant County Executive Officer/ECD or designee, to execute Change Order No. 3 on behalf of the County;
3. Accept the RUHS-MC OR Surgical Lights Replacement Project constructed by Stronghold as complete, and authorize the Clerk of the Board to record the attached Notice of Completion; and

Continued on page 2

ACTION: Policy, CIP

Robert Field, Assistant County Executive Officer/ECD

1/4/2019

Jennifer Cruikshank, Chief Executive Officer - Health System

1/10/2019

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Hewitt, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None
Date: January 29, 2019
xc: EDA, RUHS, Recorder

Kecia Harper
Clerk of the Board
By:
Deputy

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

RECOMMENDED MOTION: That the Board of Supervisors:

4. Approve the reduction of the contract retention for Stronghold from 5% to 2.5% and authorize the release of the undisputed retained funds in the amount of \$38,215, in accordance with the contract terms and applicable law.

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 204,045	\$ 0	\$ 204,045	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: RUHS Enterprise Fund 40050 – 100% (Previously approved budget)			Budget Adjustment: No	
			For Fiscal Year: 2018/19	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

On September 19, 2017, Item 3.8, the Board of Supervisors (Board) approved the Construction Contract between the County of Riverside (County) and Stronghold through the use of the Easy Indefinite Quantity Construction (EZIQC) Contract for the RUHS-MC OR Surgical Lights Replacement project in the amount of \$545,981. During construction, two change orders were issued for communication system upgrades, demolition and storage of the surgical lights, re-flooring and painting of the operating rooms in the cumulative amount of \$52,486, for a new contract value of \$598,467. The two change orders did not exceed the 10% contingency allowance nor the single change order dollar authority; therefore, no Board action was required.

The Economic Development Agency (EDA) is seeking for the Board to ratify Change Order No. 3 to replace laminar grilles, fire-proof structural steel, and flooring repairs within the operating rooms to compensate Stronghold in the not-to-exceed amount of \$165,830 for a new contract value of \$764,297. Change Order No. 3, deemed integral to the completion of the Project; bidding the work would have caused additional delays and additional operating costs. The approval of Change Order No. 3 is within project budget.

Pursuant to the general conditions of the contract, EDA is currently retaining 5% of all progress payments to Stronghold. The general conditions of the contract state that after the 50% completion point of the contract work, if satisfactory progress is being made, the County has sole discretion to reduce the retention to a minimum of 2.5% of the contract.

Stronghold has completed the work satisfactorily, and the project has been inspected and found to comply with the contract requirements. This Board action will release \$19,107 to Stronghold upon execution of this Board action, which is half of the retention to Stronghold; and the remaining undisputed contract retention funds in the amount of \$19,108, for a cumulative total of \$38,215,

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

after the Notice of Completion has been recorded and the 35 day lien period has expired per contract terms and applicable law.

Impact on Citizens and Businesses

The Project upgraded the surgical lights in the Operating and Labor/Delivery rooms which now provide an optimal working environment for surgeons performing critical operations within the hospital.

Change Order Report for Stronghold Engineering, Inc.

CHANGE ORDER NO.	AMOUNT	PERCENT	DESCRIPTION
Construction Agreement	545,981	0.00 %	Original construction agreement.
Change Order No. 1	37,059	6.80 %	Communication system upgrades; demolition and storage of surgical lights.
Change Order No. 2	15,427	2.83 %	Flooring and painting of 12 rooms.
Change Order No. 3	165,830	30.37 %	Laminar grille replacement; monokote fire-proofing for structural steel; and flooring repairs.
NEW CONTRACT TOTAL	\$ 764,297	40.00 %	

Additional Fiscal Information

All costs associated with this Board action were previously approved on September 19, 2017, (Item 3.8) and are 100% funded by RUHS Enterprise Fund 40050. Monies will be expended in FY 2018/19.

Attachments:

- Change Order No. 3 for Stronghold Engineering, Inc.
- Notice of Completion for Stronghold Engineering, Inc.

RF:HM:VC:SP:RM:NS:tv FM08430008085 8623 - 13952
S:\Project Management Office\FORM 11\SI\Form 11's_In Process\8623 - 13952_D3 - 008085 - RUHS MC OR Surgical Lights-CO No. 3 and NOC-EZIQC-Stronghold_012919.doc


Nehini Dasika, Principal Management Analyst 1/22/2019


Gregory V. Priaplos, Director County Counsel 1/16/2019

PLEASE COMPLETE THIS INFORMATION
RECORDING REQUESTED BY:

KECIA HARPER-IHEM, CLERK OF THE BOARD
4080 LEMON STREET, 1ST FLOOR CAC
P O BOX 1147 - RIVERSIDE, CA 92502

MAIL STOP # 1010

AND WHEN RECORDED MAIL TO:

RETURN TO: STOP #1010
RIVERSIDE COUNTY CLERK OF THE BOARD
P. O. BOX 1147 - RIVERSIDE, CA 92502

2019-0033703

01/30/2019 03:15 PM Fee: \$ 0.00

Page 1 of 2

Recorded in Official Records
County of Riverside
Peter Aldana
Assessor-County Clerk-Recorder



THIS SPACE FOR RECORDERS USE ONLY

380

NOTICE OF COMPLETION

(California Civil Code §§ 8100-8118, 9200-9208)

To be recorded with County Recorder within 15 days after completion.

Notice is hereby given by the undersigned owner, a public entity of the State of California, that a public work of improvement has been completed, as follows:

Project title or description of work: Riverside University Health System Medical Center Operating Room Surgical Lights Replacement Project (FM08430008085)

Date of Completion: Date Hereof 01/29/19

Nature of owner: Public Entity

Interest or estate of owner: In Fee

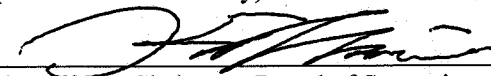
Address of owner: Clerk of the Board of Supervisors, County Administrative Center,
4080 Lemon St., Riverside, CA 92501

Name/address of direct contractor: Stronghold Engineering, Inc., 2000 Market Street, Riverside, CA 92501

Street or legal description of site: 26520 Cactus Avenue, Moreno Valley, CA 92555

Dated: January 29, 2019

Owner: County of Riverside
(Name of Public Entity)

By: 
Kevin Jeffries, Chairman, Board of Supervisors

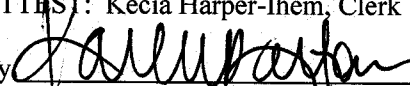
STATE OF CALIFORNIA)

ss

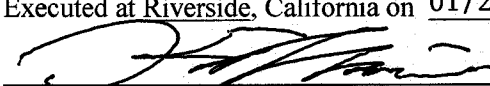
COUNTY OF RIVERSIDE)

I am the Chairman of the governing board of the County of Riverside, the public entity which executed the foregoing notice and on whose behalf I make this verification; I have read this notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and correct.

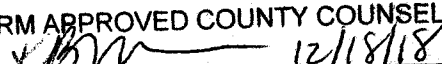
ATTEST: Kecia Harper-Ihem, Clerk

By: 
Deputy

Executed at Riverside, California on 01/29/19


Kevin Jeffries, Chairman, Board of Supervisors

01.29.19 3.9

FORM APPROVED COUNTY COUNSEL
BY  12/18/18 DATE

Updated 5/2016



**PETER ALDANA
COUNTY OF RIVERSIDE
ASSESSOR-COUNTY CLERK-RECORDER**

Recorder
P.O. Box 751
Riverside, CA 92502-0751
(951) 486-7000

www.riversideacr.com

CERTIFICATION

Pursuant to the provisions of Government Code 27361.7, I certify under the penalty of perjury that the following is a true copy of illegible wording found in the attached document:

(Print or type the page number(s) and wording below):

Clarification of the Seal for the Riverside County Board of Supervisors
(embossed on the document)



Date:

1-29-19

Signature:

Karen Barton

Print Name:

Karen Barton, Board Assistant

COUNTY OF RIVERSIDE ECONOMIC DEVELOPMENT AGENCY

CHANGE ORDER NO. 3

Date: 11/2/2018

Project Name: OR Suites Peoplac Surgical Lights

To Contractor:
Stronghold Engineering, Inc.
Kamel Khalil
951-684-9303

PeopleSoft Project No: FMO 8430008085

Distribution:
 (1) Project Manager (4) Construction Manager
 (2) Contractor (5) Inspector
 (3) Fiscal (6) 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:

DESCRIPTION OF CHANGE	REASON FOR CHANGE ORDER	COR#	TYPE	AMOUNT
1) <u>Laminar Grille Replacement - 9 OR (5 rooms off-hours)</u>	<u>Owner Requested</u>	<u>7</u>	<u>ADD</u>	<u>\$96,343.03</u>
2) <u>Monokote Fireproofing for structural steel & flooring</u>	<u>Owner Requested</u>	<u>8</u>	<u>ADD</u>	<u>\$69,486.72</u>
3)				
4)				
5)				
6)				
7)				
8)				
9)				
10)				
TOTAL				\$165,829.75

WHEN DOCUMENT IS FULLY EXECUTED RETURN
 CLERK'S COPY
 to Riverside County Clerk of the Board, Stop 1010
 Post Office Box 1147, Riverside, Ca 92502-1147
 Thank you.

The specifications, where pertinent, shall apply to these changes.

This Change Order provides for a time extension of

Original Contract Duration (calendar days):	<u>0</u>	calendar days
Prior Authorized Time Extension (calendar days):	<u>365</u>	
Revised Construction Duration (calendar days):	<u>0</u>	
Original Contract Completion Date:	<u>365</u>	
Revised Contract Completion Date:	<u>10/16/2018</u>	
	<u>10/16/2018</u>	

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. Contractor expressly waives any contract right to pursue any further claim related to this change order work.

1) [Signature] 7 Dec 18
 Contractor (Signature) Date

Stronghold Engineering, Inc.
 Contractor's Printed Name

2) [Signature] 2/15/19
 Assistant Director's Signature Date

Vincent Coffeen
 Assistant Director
 Printed Name

3) [Signature] 12/12/18
 Architect (Signature) Date

RASC Engineering
 Architect's Printed Name

4) Nahid N. Selbe 12.12.18
 Project Manager (Signature) Date

Nahid N. Selbe
 Project Manager's Printed Name

Original Contract	\$	<u>545,980.65</u>
Prior Authorized <input checked="" type="checkbox"/> ADD <input type="checkbox"/> DEDUCT	\$	<u>52,486.13</u>
Total Contract Prior to this Change	\$	<u>598,466.78</u>
Authorized Changes on this Change Order:	\$	<u>165,829.75</u>
Amount of Contract Authorized Including this Change Order	\$	<u>764,296.53</u>

Pursuant to: Board Policy B-11
 M.O. and Date

FORM APPROVED COUNTY COUNSEL
 BY [Signature] 12/18/18
 KRISTINE BELL-VALDEZ DATE

JAN 29 2019 39

57
2729



Work Order Signature Document

EZIQC Contract No.: CA-RC01E-102015-SEI	
<input type="checkbox"/> New Work Order	<input checked="" type="checkbox"/> Modify an Existing Work Order
Work Order Number.: <u>ezIQC-SEI-FM08430008085.04</u>	Work Order Date: <u>12/13/2018</u>
Work Order Title: <u>RUMC-2nd Floor - OR Suite Replace Lights Supplemental #4 - Applied Fireproofing, Steel and Flooring Re</u>	
Owner Name: <u>EDA County of Riverside</u>	Contractor Name: <u>Stronghold Engineering, Inc.</u>
Contact: <u>Nahid Selbe</u>	Contact: <u>Kamel Khalil</u>
Phone: <u>951-955-4728</u>	Phone: <u>951-684-9303</u>
Work to be Performed	
Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of Sourcewell EZIQC Contract No CA-RC01E-102015-SEI.	
<u>Brief Work Order Description:</u>	
Perform Fireproofing, Structural Steel Replacement and Flooring Repairs at Owner's request in indicated areas.	
Time of Performance	Estimated Start Date: 12/13/2018 Estimated Completion Date: 12/13/2018
Liquidated Damages	Will apply: <input checked="" type="checkbox"/> Will not apply: <input type="checkbox"/>
Work Order Firm Fixed Price: \$69,486.72	
Owner Purchase Order Number: ezIQC-SEI-FM08430008085.04	

Approvals

<p><u>Nahid N. Selbe</u> <u>12.13.18</u></p> <p>EDA County of Riverside Date</p>	<p><u>[Signature]</u> <u>12/14/18</u></p> <p>Contractor Date</p>
--	--



Detailed Scope of Work

To: Kamel Khalil
Stronghold Engineering
No Data Input
No Data Input,
951-684-9303

From: Nahid Selbe
EDA County of Riverside
3403 Tenth St. Suite 500
Riverside, CA 92501
951-955-4728

Date Printed: December 13, 2018

Work Order Number: ezIQC-SEI-FM08430008085.04

Work Order Title: RUMC-2nd Floor - OR Suite Replace Lights Supplemental #4 - Applied Fireproofing, Steel ar

Brief Scope: Perform Fireproofing, Structural Steel Replacement and Flooring Repairs at Owner's request in indicated areas.

Preliminary

Revised

Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Contractor is requested to apply fireproofing in all 12 OR Rooms at Owner's request - this includes scraping, patching, and installing the fireproofing. Scope of work is adjusted to also include replacement of structural steel not meeting code and fixing the flooring in OR #10. Also install data runs in the Labor and Delivery Rooms (Two Rooms).

Subject to the terms and conditions of JOC Contract CA-RC01E-102015-SEI.

Contractor

12.14.18

Date

EDA County of Riverside

12.13.18

Date

Contractor's Price Proposal - Summary

Date: December 13, 2018

Re: IQC Master Contract #: CA-RC01E-102015-SEI
Work Order #: ezIQC-SEI-FM08430008085.04
Owner PO #: ezIQC-SEI-FM08430008085.04
Title: RUMC-2nd Floor - OR Suite Replace Lights Supplemental #4 - Applied Fireproofing, Steel and Flooring Repairs

Contractor: Stronghold Engineering, Inc.
Proposal Value: \$89,486.72

5 Hrs 3 Guys - One welder and two helpers	\$1,977.34
No Category Input	\$1,163.99
OR #10	\$12,149.54
OR #4	\$6,843.31
OR #5	\$5,702.76
OR #6	\$6,843.31
OR #7	\$12,546.08
OR #8	\$9,124.42
OR #9	\$9,124.42
OR #B	\$3,421.66
OR #B and #A	\$589.89
Proposal Total	\$69,486.72

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: %

Contractor's Price Proposal - Detail

Date: December 13, 2018

Re: IQC Master Contract #: CA-RC01E-102015-SEI
 Work Order #: ezIQC-SEI-FM08430008085.04
 Owner PO #: ezIQC-SEI-FM08430008085.04
 Title: RUMC-2nd Floor - OR Suite Replace Lights Supplemental #4 - Applied Fireproofing, Steel and Flooring Repairs
 Contractor: Stronghold Engineering, Inc.
 Proposal Value: \$69,486.72

Sect.	Item	Mod.	UOM	Description	Line Total
Labor	Equip.	Material	(Excludes)		
5 Hrs 3 Guys - One welder and two helpers					
1	01 22 16 00 0002		EA	Reimbursable Fees Reimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is \$1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.	\$1,977.34
				Installation	
				Quantity	
				1,550.00	x
				Unit Price	
				1.00	x
				Factor	
				1.2757	=
				Total	1,977.34
				Standby Time for Welding Crew.	
Subtotal for 5 Hrs 3 Guys - One welder and two helpers					\$1,977.34
No Category Input					
2	01 22 23 00 0143		LF	Discharge Flexible Duct For Negative Air Machine	\$83.56
				Installation	
				Quantity	
				50.00	x
				Unit Price	
				1.31	x
				Factor	
				1.2757	=
				Total	83.56
				For use during welding of new structural steel components.	
3	01 22 23 00 0145		DAY	200 to 1,000 CFM Portable Air Scrubber	\$423.53
				Installation	
				Quantity	
				4.00	x
				Unit Price	
				83.00	x
				Factor	
				1.2757	=
				Total	423.53
				For use during welding of new structural steel components.	
4	05 12 23 00 0161		SI	Metal Grinding Up To 1/32" Thickness To Be Removed Includes rust or scale removal on metal and smoothing surface.	\$89.30
				Installation	
				Quantity	
				100.00	x
				Unit Price	
				0.70	x
				Factor	
				1.2757	=
				Total	89.30
5	09 97 13 23 0003		SF	Type 1 Structural Steel SP2/3 Hand Or Power Tool Cleaning Surface Preparation	\$6.31
				Installation	
				Quantity	
				5.00	x
				Unit Price	
				0.99	x
				Factor	
				1.2757	=
				Total	6.31
6	09 97 13 23 0003 0343		MOD	For Up To 100, Add	\$4.72
				Installation	
				Quantity	
				5.00	x
				Unit Price	
				0.74	x
				Factor	
				1.2757	=
				Total	4.72
7	26 05 29 00 0230		EA	1", Conduit Hanger From Flange, Wire Or Rod	\$32.76
				Installation	
				Quantity	
				12.00	x
				Unit Price	
				2.14	x
				Factor	
				1.2757	=
				Total	32.76
8	26 05 29 00 0230 0091		MOD	For Installation On Concrete (Includes Drilling And Fastener), Add	\$7.96
				Installation	
				Quantity	
				12.00	x
				Unit Price	
				0.52	x
				Factor	
				1.2757	=
				Total	7.96

Contractor's Price Proposal - Detail Continues..

Work Order Number: eziQC-SEI-FM08430008085.04

Work Order Title: RUMC-2nd Floor - OR Suite Replace Lights Supplemental #4 - Applied Fireproofing, Steel and Flooring Repairs

No Category Input

9	26 05 29 00 0284	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)						\$60.83
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			8.00		5.86		1.2757		60.83
10	26 05 29 00 0284 0107	MOD	For Work In Restricted Working Space, Add						\$6.33
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			8.00		0.62		1.2757		6.33
11	26 05 33 13 0158	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing						\$26.15
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			2.00		10.25		1.2757		26.15
12	26 05 33 13 0158 0025	MOD	For Work In Restricted Working Space, Add						\$7.42
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			2.00		2.91		1.2757		7.42
13	26 05 33 13 0158	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing						\$26.15
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			2.00		10.25		1.2757		26.15
14	26 05 33 13 0158 0025	MOD	For Work In Restricted Working Space, Add						\$7.42
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			2.00		2.91		1.2757		7.42
15	26 05 33 13 0611	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling						\$71.75
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			8.00		7.03		1.2757		71.75
16	26 05 33 13 0611 0025	MOD	For Work In Restricted Working Space, Add						\$19.39
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			8.00		1.90		1.2757		19.39
17	26 05 33 13 0655	EA	1" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector						\$11.03
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			1.00		8.65		1.2757		11.03
18	26 05 33 13 0655 0025	MOD	For Work In Restricted Working Space, Add						\$2.16
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			1.00		1.69		1.2757		2.16
19	26 05 33 16 0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring						\$25.00
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			2.00		9.80		1.2757		25.00
20	26 27 16 00 0017	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure						\$147.85
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			2.00		57.95		1.2757		147.85
21	27 14 13 16 0354	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed in Conduit						\$104.37
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			0.10		818.12		1.2757		104.37

Subtotal for No Category Input

\$1,163.99

OR #10

22	03 01 30 71 0012	CF	Patch Decks Or Floors, Rapid Set Polymer Concrete Methylmethacrylate						\$714.01
		Installation	Quantity	x	Unit Price	x	Factor	=	Total
			5.00		111.94		1.2757		714.01

Contractor's Price Proposal - Detail Continues..

Work Order Number: eziQC-SEI-FM08430008085.04
 Work Order Title: RUMC-2nd Floor - OR Suite Replace Lights Supplemental #4 - Applied Fireproofing, Steel and Flooring Repairs

OR #10									
23	05 12 23 00 0157	LF	1" Horizontal Or Flat Fillet Weld						\$939.43
		Installation	Quantity	Unit Price	Factor	=	Total		
			8.00 x	92.05 x	1.2757	=	939.43		
24	05 12 23 00 0157 0009	MOD	For Up To 25, Add						\$320.76
		Installation	Quantity	Unit Price	Factor	=	Total		
			8.00 x	31.43 x	1.2757	=	320.76		
25	05 12 23 00 0469	LF	3-1/2" x 3-1/2" x 1/4" Angle Iron						\$879.47
		Installation	Quantity	Unit Price	Factor	=	Total		
			60.00 x	10.98 x	1.2757	=	840.43		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			60.00 x	0.51 x	1.2757	=	39.04		
26	05 12 23 00 0790	LF	1/4" Thick x 6" Wide Flat Steel Bar						\$171.45
		Installation	Quantity	Unit Price	Factor	=	Total		
			10.00 x	9.36 x	1.2757	=	119.66		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			10.00 x	4.06 x	1.2757	=	51.79		
27	07 81 16 00 0027	CSF	Monokote Fireproofing For Structural SteelPer inch of thickness.						\$9,124.42
		Installation	Quantity	Unit Price	Factor	=	Total		
			24.00 x	223.29 x	1.2757	=	6,836.43		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			24.00 x	74.73 x	1.2757	=	2,287.99		
Subtotal for OR #10									\$12,149.54
OR #4									
28	07 81 16 00 0027	CSF	Monokote Fireproofing For Structural SteelPer inch of thickness.						\$6,843.31
		Installation	Quantity	Unit Price	Factor	=	Total		
			18.00 x	223.29 x	1.2757	=	5,127.32		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			18.00 x	74.73 x	1.2757	=	1,716.00		
Subtotal for OR #4									\$6,843.31
OR #5									
29	07 81 16 00 0027	CSF	Monokote Fireproofing For Structural SteelPer inch of thickness.						\$5,702.76
		Installation	Quantity	Unit Price	Factor	=	Total		
			15.00 x	223.29 x	1.2757	=	4,272.77		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			15.00 x	74.73 x	1.2757	=	1,430.00		
Subtotal for OR #5									\$5,702.76
OR #6									
30	07 81 16 00 0027	CSF	Monokote Fireproofing For Structural SteelPer Inch of thickness.						\$6,843.31
		Installation	Quantity	Unit Price	Factor	=	Total		
			18.00 x	223.29 x	1.2757	=	5,127.32		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			18.00 x	74.73 x	1.2757	=	1,716.00		
Subtotal for OR #6									\$6,843.31
OR #7									
31	07 81 16 00 0027	CSF	Monokote Fireproofing For Structural SteelPer inch of thickness.						\$12,546.08
		Installation	Quantity	Unit Price	Factor	=	Total		
			33.00 x	223.29 x	1.2757	=	9,400.08		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			33.00 x	74.73 x	1.2757	=	3,145.99		

Contractor's Price Proposal - Detail Continues..

Work Order Number: eziQC-SEI-FM08430008085.04

Work Order Title: RUMC-2nd Floor - OR Suite Replace Lights Supplemental #4 - Applied Fireproofing, Steel and Flooring Repairs

Subtotal for OR #7 **\$12,546.08**

OR #8

32	07 81 16 00 0027	CSF	Monokote Fireproofing For Structural Steel	Per inch of thickness.					\$9,124.42
			Installation	Quantity	Unit Price	Factor	=	Total	
				24.00	223.29	x		6,836.43	
			Demolition	24.00	74.73	x	1.2757	2,287.99	

Subtotal for OR #8 **\$9,124.42**

OR #9

33	07 81 16 00 0027	CSF	Monokote Fireproofing For Structural Steel	Per inch of thickness.					\$9,124.42
			Installation	Quantity	Unit Price	Factor	=	Total	
				24.00	223.29	x		6,836.43	
			Demolition	24.00	74.73	x	1.2757	2,287.99	

Subtotal for OR #9 **\$9,124.42**

OR #B

34	07 81 16 00 0027	CSF	Monokote Fireproofing For Structural Steel	Per inch of thickness.					\$3,421.66
			Installation	Quantity	Unit Price	Factor	=	Total	
				9.00	223.29	x		2,563.66	
			Demolition	9.00	74.73	x	1.2757	858.00	

Subtotal for OR #B **\$3,421.66**

OR #B and #A

35	26 05 33 13 0578	LF	1" Electrical Metallic Tubing (EMT) Conduit						\$447.01
			Installation	Quantity	Unit Price	Factor	=	Total	
				80.00	4.38	x	1.2757	447.01	
36	26 05 33 13 0578 0022	MOD	For Installation In Metal Stud Wall, Add						\$35.72
			Installation	Quantity	Unit Price	Factor	=	Total	
				80.00	0.35	x	1.2757	35.72	
37	26 05 33 13 0578 0025	MOD	For Work In Restricted Working Space, Add						\$107.16
			Installation	Quantity	Unit Price	Factor	=	Total	
				80.00	1.05	x	1.2757	107.16	

Subtotal for OR #B and #A **\$589.89**

Proposal Total **\$69,486.72**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: %



Subcontractor Listing

Date: December 13, 2018

Re: IQC Master Contract #: CA-RC01E-102015-SEI
Work Order #: ezIQC-SEI-FM08430008085.04
Owner PO #: ezIQC-SEI-FM08430008085.04
Title: RUMC-2nd Floor - OR Suite Replace Lights Supplemental #4 - Applied Fireproofing, Steel and Flooring Repairs
Contractor: Stronghold Engineering, Inc.
Proposal Value: \$69,486.72

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



Work Order Signature Document

EZIQC Contract No.: CA-RC01E-102015-SEI	
<input type="checkbox"/> New Work Order	<input checked="" type="checkbox"/> Modify an Existing Work Order
Work Order Number.: <u>ezIQC-SEI-FM08430008085.07</u>	Work Order Date: <u>10/25/2018</u>
Work Order Title: <u>RUMC-2nd Floor - OR Suite Replace Lights Supp. #7-Laminar Grilles</u>	
Owner Name: <u>EDA County of Riverside</u>	Contractor Name: <u>Stronghold Engineering, Inc.</u>
Contact: <u>Nahid Selbe</u>	Contact: <u>Kamel Khalil</u>
Phone: <u>951-955-4728</u>	Phone: <u>951-684-9303</u>
Work to be Performed	
Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of NJPA EZIQC Contract No CA-RC01E-102015-SEI.	
<u>Brief Work Order Description:</u>	
Replace Laminar Grilles in Nine (9) OR Rooms per Owner's Request.	
Time of Performance	Estimated Start Date: 10/25/2018 Estimated Completion Date: 10/31/2018
Liquidated Damages	Will apply: <input checked="" type="checkbox"/> Will not apply: <input type="checkbox"/>
Work Order Firm Fixed Price: \$96,343.03	
Owner Purchase Order Number: ezIQC-SEI-FM08430008085.07	

Approvals

Nahid N. Selbe 10.30.18
 EDA County of Riverside Date

K. Khalil 10.30.18
 Contractor Date



Detailed Scope of Work

To: Kamel Khalil
Stronghold Engineering
No Data Input
No Data Input,
951-684-9303

From: Nahid Selbe
EDA County of Riverside
3403 Tenth St. Suite 500
Riverside, CA 92501
951-955-4728

Date Printed: October 25, 2018

Work Order Number: ezIQc-SEI-FM08430008085.07

Work Order Title: RUMC-2nd Floor - OR Suite Replace Lights Supp. #7-Laminar Grilles

Brief Scope: Replace Laminar Grilles in Nine (9) OR Rooms per Owner's Request.

Preliminary

Revised

Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Laminar Grille Replacement-9 OR Rooms (5 Rooms off hours): Contractor to provide and install laminar flow grilles in designated Operation Rooms - this item has been included as a NPP item; Contractor to provide a third quote to establish competitive pricing. If third quote is lower than the price included in the approved price proposal, a credit reflecting the difference in price will be given to the Owner in a future supplemental.

Subject to the terms and conditions of JOC Contract CA-RC01E-102015-SEI.



Contractor

10.30.18
Date



EDA County of Riverside

10.30.18
Date

Contractor's Price Proposal - Summary

Date: October 25, 2018

Re: IQC Master Contract #: CA-RC01E-102015-SEI
Work Order #: ezIQC-SEI-FM08430008085.07
Owner PO #: ezIQC-SEI-FM08430008085.07
Title: RUMC-2nd Floor - OR Suite Replace Lights Supp. #7-Laminar Grilles
Contractor: Stronghold Engineering, Inc.
Proposal Value: \$96,343.03

Laminar Grilles *CDR 7* **\$96,343.03**

Proposal Total **\$96,343.03**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: 100.00%

Contractor's Price Proposal - Detail

Date: October 25, 2018

Re: IQC Master Contract #: CA-RC01E-102015-SEI
 Work Order #: ezIQC-SEI-FM08430008085.07
 Owner PO #: ezIQC-SEI-FM08430008085.07
 Title: RUMC-2nd Floor - OR Suite Replace Lights Supp. #7-Laminar Grilles
 Contractor: Stronghold Engineering, Inc.
 Proposal Value: \$96,343.03

Sect.	Item	Mod.	UOM	Description	Line Total								
Labor	Equip.	Material	(Excludes)										
Laminar Grilles													
1	23 00 00 00 0001		LS	Laminar Grille Replacement-9 OR Rooms (5 Rooms off hours)	\$96,343.03								
		NPP	Installation	<table border="0"> <tr> <td>Quantity</td> <td>Unit Price</td> <td>Factor</td> <td>Total</td> </tr> <tr> <td>1.00 x</td> <td>77,498.00 x</td> <td>1.2432 =</td> <td>96,343.03</td> </tr> </table>	Quantity	Unit Price	Factor	Total	1.00 x	77,498.00 x	1.2432 =	96,343.03	
Quantity	Unit Price	Factor	Total										
1.00 x	77,498.00 x	1.2432 =	96,343.03										
HVAC pricing per scope: \$71,971 with 5 Rooms added Off Hours per OR \$1,105 since they are already co.													

Subtotal for Laminar Grilles **\$96,343.03**

Proposal Total **\$96,343.03**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: **100.00%**



Subcontractor Listing

Date: October 25, 2018

Re: IQC Master Contract #: CA-RC01E-102015-SEI
Work Order #: eziQC-SEI-FM08430008085.07
Owner PO #: eziQC-SEI-FM08430008085.07
Title: RUMC-2nd Floor - OR Suite Replace Lights Supp. #7-Laminar Grilles
Contractor: Stronghold Engineering, Inc.
Proposal Value: \$96,343.03

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00



January 29, 2018

Mr. Shane Papp
Stronghold Engineering, Inc.
2000 Market St.
Riverside, CA 92501

VIA EMAIL

818 / 244-6571 Voice
818 / 247-6533 Fax
6265 San Fernando Road
Glendale, California
91201-2214

Re: **Replace OR Laminar Flow Grilles
Riverside University Hospital**

Dear Shane:

We are pleased to offer you the following proposal for the Replacement of OR Laminar Flow Grilles at Riverside University Hospital. Our proposal is based on job walk and previous facility replacement project. The following is included in our proposal:

HVAC Scope:

- Provide mechanical submittals laminar flow grilles
- ACCO to provide and install:
 - Qty (135) Laminar Grilles, exclude new cans.

Riverside University Hospital

Note: OR-1 thru OR-10 have the same configuration

Note: OR-2 is not part of the order

Location	Qty	Size	Frame
OR-1	2	2x4	A
OR-1	4	2x4	B
OR-1	2	2x4	C
OR-1	4	1x4	B
OR-1	2	1x4	C
OR-3	2	2x4	A
OR 3	4	2x4	B
OR-3	2	2x4	C
OR-3	4	1x4	B
OR-3	2	1x4	C
OR-4	2	2x4	A
OR-4	4	2x4	B
OR-4	2	2x4	C
OR-4	4	1x4	B
OR-4	2	1x4	C
OR-5	2	2x4	A
OR-5	4	2x4	B
OR-5	2	2x4	C
OR-5	4	1x4	B
OR-5	2	1x4	C
OR-6	2	2x4	A
OR-6	4	2x4	B
OR-6	2	2x4	C
OR-6	4	1x4	B
OR-6	2	1x4	C

Location	Qty	Size	Frame
OR-7	2	2x4	A
OR-7	4	2x4	B
OR-7	2	2x4	C
OR-7	4	1x4	B
OR-7	2	1x4	C
OR-8	2	2x4	A
OR-8	4	2x4	B
OR-8	2	2x4	C
OR-8	4	1x4	B
OR-8	2	1x4	C
OR-9	2	2x4	A
OR-9	4	2x4	B
OR-9	2	2x4	C
OR-9	4	1x4	B
OR-9	2	1x4	C
OR-10	2	2x4	A
OR-10	4	2x4	B
OR-10	2	2x4	C
OR-10	4	1x4	B
OR-10	2	1x4	C
OR-11	5	2x4	A
OR-11	4	1x4	B



- Remove existing grille and replace with new stainless steel to match existing configuration.
 - Reuse existing mud-in can.
 - Caulk edge of new stainless steel grille.

Clarifications:

- Union labor during normal work hours with labor rates valid through 12/31/2018.
- We assume the hospital equipment will be moved for a clear working area.
- We assume our work to be installed in a continuous manner.
- Provide one (1) year warranty, installation, operation and maintenance manuals.

Exclusions:

- HEPA Filters.
- Pre and Post construction air balance.
- Painting and drywall repair.
- Moving of surgery equipment.
- Terminal cleaning of OR space after completion of work.
- Performance and payment bonds. Add 1.5% if required.
- Overtime work and weekend work.

Exclusions:

- | | |
|------------------------------------|-----------|
| • HVAC pricing per the above scope | \$ 71,971 |
| • Add off hours per OR | \$ 1,105 |

Please feel free to contact us at your earliest convenience should you have any questions or concerns.

Very truly yours,

Austin Hargett
Project Manager
ACCO Engineered Systems

Cath Lab Replacement Grille Final Product





Anemostat[®] SUBMITTAL

1220 Watson Center Road • Carson, CA 90745-4206
(310) 835-7500 • FAX (310) 835-0448
air@anemostat.com • www.anemostat-hvac.com

Model **MV-1** LAMINAR FLOW PANELS SINGLE CHAMBER

DIFFUSERS

PRODUCT FEATURES

- Single chamber design provides vertical projection of air over critical work areas.
- Perforated face is 13% open, and removable via 1/4 turn fasteners for cleaning.
- Face is hinged and swings down 90° for easy cleaning. Safety cables prevent face from accidentally swinging down.
- Balancing damper adjustable from panel face through hole with removable plug.
- Closed cell gasket prevents leakage around face.

MATERIAL AND FINISH

Distribution Panel:

- Steel with White Baked Epoxy
- Aluminum with White Baked Epoxy
- 304 Stainless Steel, #4 Polish
- 304 Stainless Steel with White Baked Epoxy

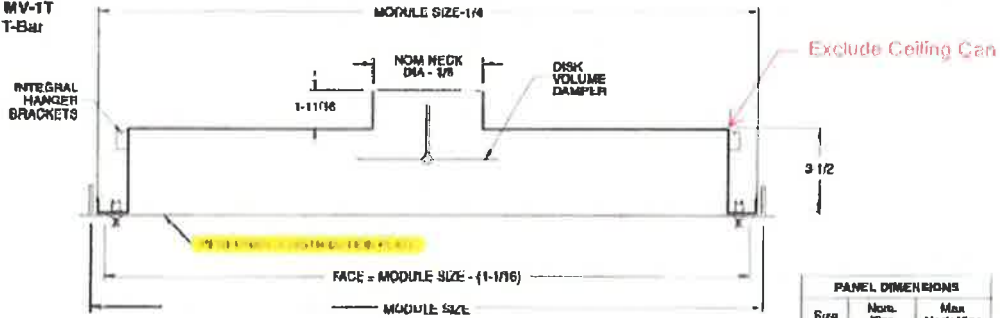
Plenum:

- Steel with White Baked Epoxy
- Aluminum with White Baked Epoxy
- 304 Stainless Steel, 2B Mill Finish
- 304 Stainless Steel with White Baked Epoxy

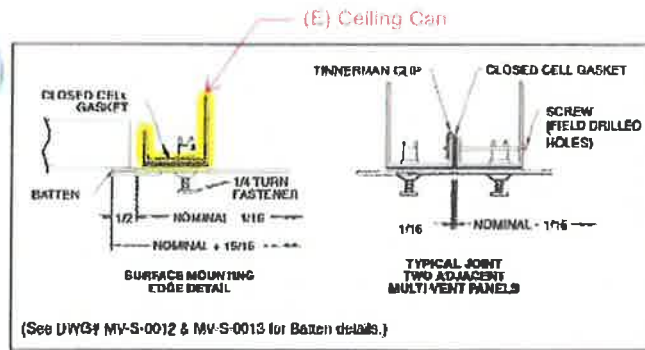
MODELS

- MV-1T Lay-In T-Bar
- MV-1P Surface Mounted

Model MV-1T
Lay-In T-Bar



Model MV-1P
Surface Mounted



PANEL DIMENSIONS		
Size	Nom. Size	Max Neck Size
082	8 x 24	
083	8 x 36	
084	8 x 48	5" DIA
085	8 x 60	
086	8 x 72	
122	12 x 24	
123	12 x 36	
124	12 x 48	9" DIA
125	12 x 60	
126	12 x 72	
242	24 x 24	
243	24 x 36	
244	24 x 48	18" DIA
245	24 x 60	
246	24 x 72	
363	36 x 36	
364	36 x 48	18" DIA
365	36 x 60	
366	36 x 72	

All dimensions are in inches.

JOB NAME:

SUBMITTED BY:

Product information is subject to change without notice.
Drawing is not to scale.

DWG# MV-S-0008 Date 9-19-05



Anemostat SUBMITTAL

1220 Watson Center Road • Carson, CA 90745-4206
 (310) 835-7500 • FAX (310) 835-0448
 air@anemostat.com • www.anemostat-hvac.com

BATTENS BATTEN ARRANGEMENTS FOR SURFACE MOUNTED MODELS MV-1, MV-2, MV-HEP, HCR, HCRF

DIFFUSERS

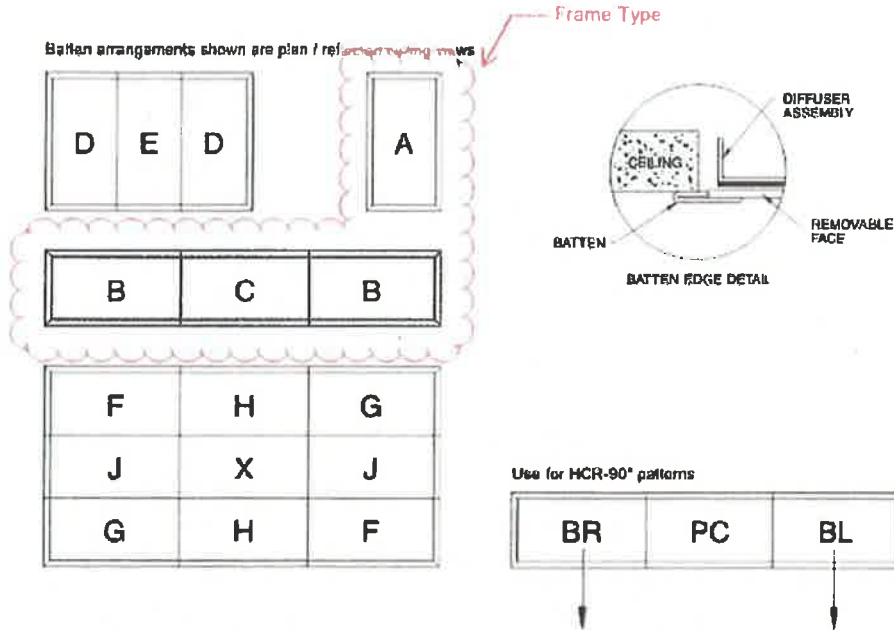
PRODUCT FEATURES

- Factory welded to the outer edge(s) of the removable face (outside edges and corners)
- Each diffuser batten is separate from the next, allowing individual face removal for balancing, servicing, and cleaning.
- Outside corner battens are mitered
- Slip-on style battens are held out and installed for inside corner arrangements for built-up arrays.
- Batten arrangements are identified by two letters
- Same material as diffuser material

MATERIAL AND FINISH

- Steel with White Baked Epoxy
- Aluminum with White Baked Epoxy
- 304 Stainless Steel, #4 Polish
- 304 Stainless Steel with White Baked Epoxy

c



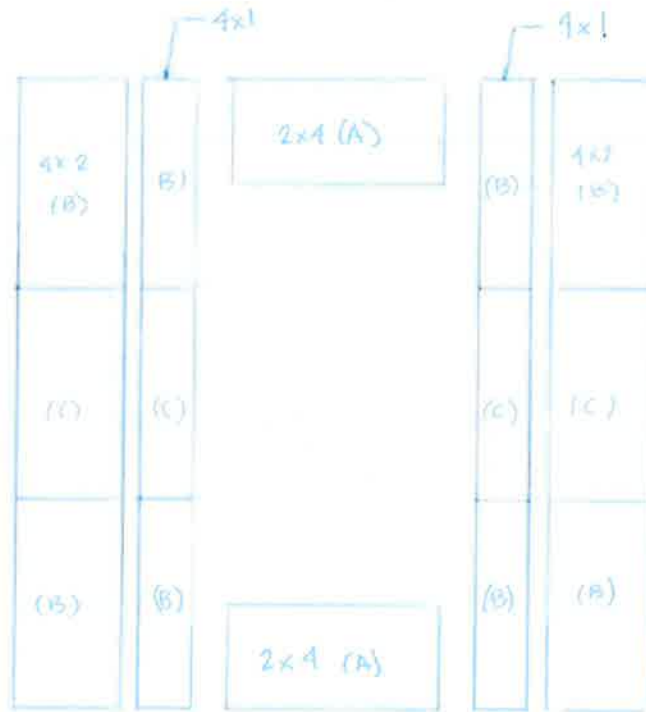
All dimensions are in inches.

JOB NAME:

SUBMITTED BY:

Product information is subject to change without notice
 Drawing is not to scale

DWG# MV-S-0012 Date 8-27-13
 Rev A



* OR-1 thru OR-10
 * OMIT OR 2



San Jose
 San Francisco
 San Diego
 San Antonio

Los Angeles
 Phoenix
 Dallas
 Houston

San Leaton
 Sacramento
 Fresno
 4741

810-657-8080
 1-877-559-51-2220

SUBJECT:

OR-1 thru OR-10

JOB NAME:

Rolls-Royce Engine Replacement

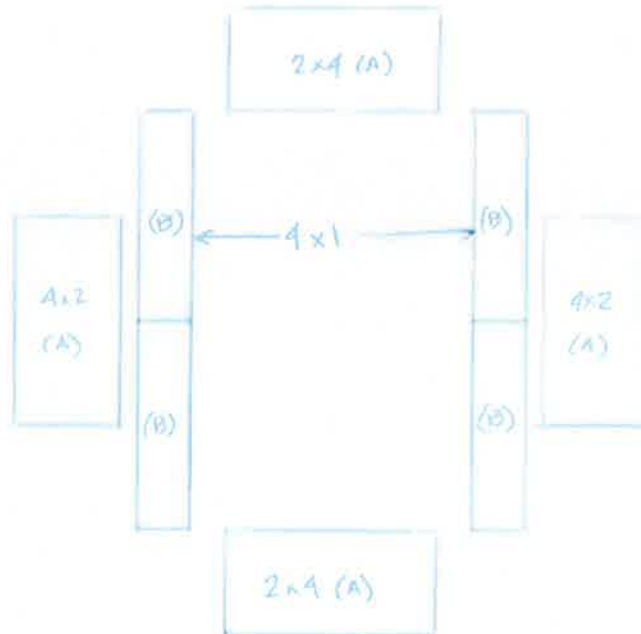
JOB NO:

DATE:

CONT. LIC: CA #120696
 WA #ACCOES19/1DU

SHEET NO:

2x4 (A)



• General LA
 • 204-6671
 • 363-854-444
 • Fax: 204-6671
 • Fresh
 www.acco.com

SUBJECT

JOB NAME:

JOB NO:

CONT NO: CA #120696
WA #ACCOESI971DU

DATE:

SHEET NO:

W R ROBBINS COMPANY
MECHANICAL CONTRACTOR

Contractor License 890971 DIR 1000004711

Certified Small Business and Woman Owned Business Enterprise
OSBCR 0047675

PROPOSED SCOPE OF WORK

PROJECT: Riverside University Hospital
LOCATION: Riverside
AMENDMENTS NOTED:

DATE: 2/7/2018
SPEC:

DRY SIDE ONLY

INCLUDES:

Remove existing grilles for installation of new grilles
Furnish & install (135) laminar flow grilles
Caulking around new grilles

EXCLUDES:

ACCESS DOOR INSTALL (EXCEPT IN DUCT)
ARCHITECTURAL, DOOR, NON-DUCTED LOUVERS
BOILERS, WATER HEATERS AND FLUES
CAD BACKGROUND DRAWINGS
CEILING WIRES FOR DIFFUSERS, ETC.
COMMISSIONING AGENT
CONDENSATE DRAINS (BY PLUMBER)
CONCRETE
CORING, CUTTING, FRAMING, AND/OR PATCHING
DEMOLITION
DUMPSTER FEES
DUCT SMOKE DETECTORS (BY FIRE ALARM)
ELECTRICAL
ENGINEERING AND/OR ENGINEERING FEES
FIRE PROTECTION
NO ASBESTOS WORK

FIRESTOPPING OF OTHERS' WORK
GAS PIPING (BY PLUMBER)
GENERAL SHEETMETAL
HEPA FILTERS
HOUSEKEEPING PADS
MOTOR STARTERS
NEW AD CANS
PAINTING
PERMITS, LICENSES AND/OR FEES
PIPING, PLUMBING AND/OR PUMPS
PLATFORMS AND/OR PLATFORM LEVELING
ROOFING
TESTING, ADJUSTING & BALANCING
TRENCHING, SHORING & BACKFILL
WATER TREATMENT SYSTEMS

BASE BID: \$90,000.00

NOTES:

1. WE ARE BONDABLE AT A RATE OF 1.8%, **NOT** INCLUDED ABOVE AND CONTINGENT ON SURETY APPROVAL.
2. THE USE OF THIS BID BY THE GENERAL CONTRACTOR IMPLIES ACCEPTANCE OF THE BID IF THE PROJECT IS AWARDED TO THE GENERAL CONTRACTOR.
3. THIS PROPOSAL BECOMES PART OF THE SUB-CONTRACT AGREEMENT.
4. THIS BID IS GOOD FOR 60 DAYS.
5. This bid is based on regular time hours 7am to 4:00pm. Any OT or off hours will be an added cost.

DYLAN MCHONE
ESTIMATOR