

ACCOC

CUT SHEET # 1

Job Name

RUSH

Date Out

Foreman

D. OLIVAS

Job # 611028

Date Ordered

8/10/18

Date Requested

8/15/18

Mark

10

Local #

105

Gage Code

SMACVA

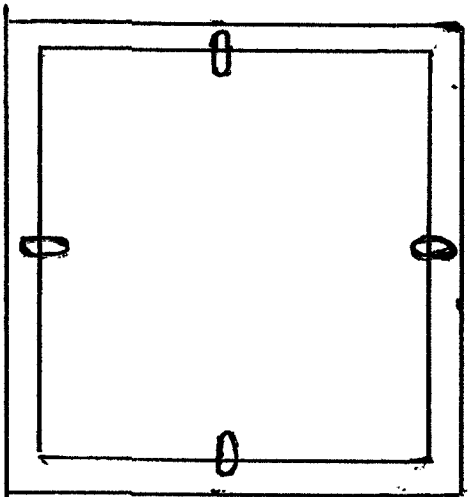
Pressure

Floor/Area

12" x 12" ACCESS DOOR

WITH REMOVABLE DOOR LATCHES

QTY - 1 5H ACC 4-SIDES



↑
12"

← 12" →



**WORK AUTHORIZATION
TIME & MATERIALS**

Phone: 818-244-6571 / Fax: 818-545-0847

ACCO Job # 611028

Customer PO # _____

Bill to: STRONGHOLD
Attn: JOE Q (909) 803-4820

Job Name RUMS
Address: _____
Order date: _____ Start date: 8/15/18

JOB DESCRIPTION: INSTALLED 12" X 12" ACCESS DOOR IN CATHLAB

MATERIALS (1)		OFFICE ONLY		LABOR (2)			OFFICE ONLY	
QTY	DESCRIPTION / PO # and VENDOR	UNIT	TOTAL	QTY OF MEN	CODES & UNION #	TOTAL HOURS	RATE	TOTAL
	DAVE OLIVAS				G/F	2		
	JOAQUIN ABREU				J	4		
	<u>ORDER AND PICK UP ACCESS DOOR</u>							
SUB-TOTAL				SUB-TOTAL INCLUDING FRINGE, INSURANCE and TAXES				
SALES TAX				SUPERVISION				
				TRAVEL PAY / SUBSTANCE				
				HAND TOOLS				
TOTAL MATERIALS (INCLUDING TAX)		(1)		TOTAL LABOR			(2)	
EQUIPMENT & TOOLS (3)		OFFICE ONLY		SUBCONTRACTORS (4)		Work Order #	TOTAL	
	TIME	RATE	TOTAL					
PIPE MACHINE								
WELDING MACHINE								
HYDRO TEST PUMP								
AIR COMPRESSOR								
PICKUP TRUCK								
SHOP TRUCK								
FORKLIFT								
SCISSOR LIFT								
OTHER:								
TOTAL EQUIPMENT & TOOLS (3)						TOTAL SUBCONTRACTORS (4)		
						COST SUMMARY		
						DESCRIPTION		TOTAL
						(1) MATERIALS (INCLUDING TAX)		
						(2) LABOR		
						(3) EQUIPMENT & TOOLS		
						(4) SUBCONTRACTORS		
						DIRECT COST SUBTOTAL		
						OVERHEAD COST @ %		
						TOTAL COSTS		
						PROFIT @ %		
						AMOUNT DUE		

CODES: D - DRAFTSMAN E - ENGINEER F - FOREMAN GF - GENERAL FOREMAN J - JOURNEYMAN
O - OTHER P - PLUMBER PF - PIPEFITTER T - TEAMSTER SM - SHEETMETAL

THIS JOB (circle one): (IS) or (IS NOT) COMPLETE

I HEREBY ACKNOWLEDGE THAT THE ABOVE WORK WAS AUTHORIZED AND COMPLETED.

[Signature] 8/15/18
ACCO's Signature Date

[Signature] 08/15/18
Customer's Signature Date

DAVE OLIVAS
Print Name

Joe Quinones
Print Name



STRONGHOLD ENGINEERING, INC.

2000 Market Street, Riverside, CA 92501 • Tel (951) 684-9303 • Fax (951) 684-9329 • Est. Fax (951) 684-3813

Established 1991

February 4, 2019

ELECTRONIC TRANSMISSION

Mike Wickham., Construction Manager
Kitchell

Project: S161619-33-00 Second Level Catheterization Lab Build-Out
Re: **COR 087 – Added Flex to Humidifier Clean Steam**

Dear Mr. Wickham,

Stronghold Engineering, Inc. (Stronghold) has reviewed the scope of work for adding flex to the humidifier clean steam at the direction of the IOR for code compliance issues for the RUHS 2nd Floor Cath lab Project. The COR breakdown is shown below that includes the scope of work affected and the time impact associated with each scope of work.

1. Added Flex to Humidifier Clean Steam – 2 Days

- See attached letter from ACCO and daily reports for this work.

The total COR amount to complete the changes listed above is ~~\$5,762.00~~

\$2,850

Sincerely,
STRONGHOLD ENGINEERING, INC

Denny McGahey
VP General Construction

BUILDING CONSTRUCTION EXCELLENCE

www.strongholdengineering.com

California • Arizona • Nevada • Florida • Hawaii • International

PROPOSAL/ESTIMATE **STRONGHOLD ENGINEERING, INC.**

DATE: 4-Feb-19

CONTRACT TITLE: **RUHS 2nd Floor Cath Lab**

CONTRACT NO: **0843-000-7374**

TO: **Mike Wickham - Kitchell**

COR 087

DESCRIPTION: **Flex to Humidifer Clean Steam**

PRIME CONTRACTOR'S WORK				Revisions/comments
1.	Direct Materials			Monokote and Anchor B
2.	Sales Tax on Materials	9.00% of line 1	9.00%	
3.	Direct Labor			10 hrs
4.	Insurance, Taxes, and Fringe Benefits			
5.	Rental Equipment			
6.	Sales Tax on Rental Equipment	0.00% of line 5 INCLUDED	0.00%	
7.	Equipment Ownership and Operating Expenses			
8.	SUBTOTAL (add lines 1-7)			
9.	Field Overhead	0% of line 8 INCLUDED	0.00%	
10.	SUBTOTAL (Add Lines 8 & 9)			

Prime Remarks:

SUB-CONTRACTOR'S WORK (ACCO)				Revisions/comments
11.	Direct Materials		568	Phone Jack
12.	Sales Tax on Materials	9.50% of line 11 Included	9.50% 60	
13.	Direct Labor		4,029	
14.	Insurance, Taxes, and Fringe Benefits	0.0% of line 13 Included	0.0% 47	
15.	Rental Equipment			
16.	Sales Tax on Rental Equipment	0.00% of line 15 Included	0.00% -	
17.	Equipment Ownership and Operating Expenses			
18.	SUBTOTAL (add lines 11-17)		\$ 4,704.00	
19.	Overhead and Profit	10.0% of line 18 Included	10.0% 470	
20.	Profit	5.0% of line 18	5.0% 259	
21.	SUBTOTAL (Add Lines 18 & 19)		\$ 5,433.12	
22.	Sub Contractor Liability Insurance	of line 20 Included		
23.		of total change		
24.	SUBTOTAL (Add Lines 20 - 22)		\$ 5,433.00	

Sub's Remarks:

SUMMARY				Revisions/comments
24.	Prime Contractor's work (from line 10)		-	
25.	Sub-contractor's work (from line 23)		5,433	
26.	SUBTOTAL (add lines 24 & 25)		\$ 5,433.00	
27.	Prime Overhead on sub-contractor	0.0% of line 25	0.0% -	
28.	Prime's Home Office Overhead	0.0% of line 24	0.0% -	
29.	Prime's Overhead & Profit	5.0% of line 18	5.0% 272	
30.	SUBTOTAL (add lines 26-29)		\$ 5,704.65	
31.	Prime Contractor's Bond Premium	1.000% of line 30	1.0% 57	
32.	TOTAL COST (add lines 30 & 31)		\$ 5,762.00	\$ 2850 -

Prime Contractor name: **Stronghold Engineering, Inc.**

Sub-contractor name: **ACCO**

Signature and title of Preparer

Date 02/04/19

VP of General Construction



Extra Work Proposal Labor and Material Breakdown

ACCO Job # : 611028

Date : 1/10/2019

Job Name : RUHS Catheterization Lab Project

Extra Work Proposal # : 19

Description of work:

Add Flex to Humidifier Clean Steam

Pricing Breakdown:

Equipment		\$568
Sheet Metal-Shop		\$0
Lining Shop		\$0
Welding Shop		\$0
Teamsters		\$0
Sheet Metal-Field		\$0
HVAC Piping-Shop		\$0
HVAC Piping-Field		\$3,873
Rigging		\$0
Systems Operations		\$0
Project Engineering / Management		\$156
Rentals		\$0
Jobsite Expenses		\$0
Misc.		\$0
Sales Tax	9.50%	\$60
Warranty Reserve		\$47
DIRECT JOB COST		\$4,704
+ Unit Pricing Costs		\$0
TOTAL COST		\$4,704
+ Overhead	10%	\$470
+ Profit	5%	\$259
Total ACCO Price		\$5,433
Subcontracts		\$0
+ Subcontracts Overhead/Profit	15%	\$0
+ Bond	0.00%	\$0
Total Extra Work Proposal Price		\$5,433

Time extension required because of labor added by this change is _____ workdays.
 This proposal is based on _____ 19 _____ hours of straight time and _____ 16 _____ hours of premium time.
 ACCO is:
 Proceeding with this work: _____ Waiting for authorization : _____

This price does not include any cutting or patching of drywall, electrical, utility fees, site utilities, painting, or other general construction. The cost of this change includes only those direct costs which can be identified at this time. There are no impact or ripple costs and no delay costs included in this proposal. Should it be determined at a later date that we are experiencing impact cost because of multiple changes, delays, or causes beyond our control, we will submit those costs at that time.

Submitted by: _____ Date: _____
 Project Manager

Approved by: _____ Date: _____
 Signature

Extra Work Proposal



EWP #: 19

Job Name: RUHS Catheterization Lab Project **Job #:** 611028 **Date:** 1/10/2019

EQUIPMENT						
DESCRIPTION	QTY	Price Each	TOTAL \$			
Factory Flex	1	568	\$ 568			
Total:						568
HVAC Piping - Field						
	Hrs (ST)	Hrs (OT)	Hrs (DT)	Labor \$	Material \$	TOTAL \$
Detailing	2	-	-	198	9	\$ 207
Pipe install (MCA takeoff)	16	12	-	3,066	-	\$ 3,066
Consumables / Tools					57	\$ 57
General Foreman - Keith Keplinger	-	4	-	543	-	\$ 543
HVAC Piping (Field) Totals:	18	16	-	3,807	66	\$ 3,873
PROJ ENG/PROJ MGT						
	Hrs (ST)	Hrs (OT)		Labor \$	Material \$	TOTAL \$
Project Manager	1	-		156	-	\$ 156
Proj. Engr./Mgmt. Totals:	1	-		156	-	\$ 156



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

August 21, 2018

Shane Papp & Denny McGahey
Stronghold Engineering
2000 Market Street
Riverside, CA 92501

Regarding: Riverside University Health System Riverside County
Regional Medical Center Catheterization Lab Project
Subject: Humidifier Piping Change Delay
Project No: 611028

Dear Shane and Denny,

The project has been delayed due to the generator piping sign-off. The inspector has flagged the installation for flexible connectors and pressure testing.

Flexible connector issue relates to the coordinated piping diagram. ACCO submitted a request for clarification (RFI) as the contract drawing piping diagram was not per the manufactures recommendations. Ultimately ACCO submitted a piping diagram as a shop drawing which was approved. Neither the contract drawings, manufacturer nor ACCO shop drawings require a flexible connector at the generator or dispersion tube.

Specification section 23 22 13 steam and condensate piping does not provide a section for flexible connector or copper tubing. The specification section is not applicable for this project.

Pressure testing of clean steam piping after piping had been installed. Specification 23 22 13 3.11 B indicates that the pressure test is not less than 1.5 times the working pressure. The working pressure of the humidifiers is 5-10 "wc. 1.5 times 10 "wc is 0.541 psig. This system piping is atmospheric pressure (0 psig).

For these reason ACCO must provide additional resources to remedy the issues not covered by the contract documents. These added cost will be tracked and submitted as a change order.

Sincerely,

ACCO Engineered Systems

Austin Hargett
Project Manager



**engineered
systems**

6265 San Fernando Rd.
Glendale, CA 91201
818-244-6571

Contractor Lic. No.
CA No. 120696
WA No. ACCOES1971DU

ACCO DAILY FIELD CONSTRUCTION REPORT

PROJECT NAME PLANS Cell Lab ACCO JOB # 610028

PROJECT MANAGER A. Hargrett

DAY OF WEEK Tuesday DATE 8/28/18

WEATHER: Temp. 80 Wind _____ Rain _____ Site Condition good

SAFETY: Accidents: YES NO Work Area Conditions good.

INSPECTION PREFERRED YES NO

CONTRACTUAL ITEMS Were you prevented from doing any work due to circumstances beyond your control?
YES NO Explain if YES, _____

	EMPLOYEE NAME		EMPLOYEE NUMBER	CRAFT	LABOR CODE		TOTAL HOURS		
	LAST	FIRST			CRAFT CODE	CLASS CODE	REG	OT	DT
1.	Koehn	Keith		App's			8	2	
2.	Medina	Nick					8	2	
3.	Fernandez	Miguel					8	2	
4.									
5.									
6.									
7.									
8.									
9.									
10.									

EQUIPMENT - COMPANY UNITS OR BARE RENTALS

EQUIPMENT NUMBER	DESCRIPTION	DAILY RATE	
		DAILY	RATE

CURTIS FORM 650

PROJECT MANAGER

EXPLAIN HOW ADVERSE CONDITIONS ARE AFFECTING YOUR PRODUCTIVITY AND/OR SCHEDULE:

DESCRIPTION OF WORK PERFORMED:

hydrotested #1, 2, and 3 .10R
bought off test, reconnected
new flex hose.

SAFETY INFORMATION / CONCERNS:

SUPERINTENDENT APPROVAL
CUSTOMER APPROVAL

[Signatures]



engineered systems

6265 San Fernando Rd.
Glendale, CA 91201
818-244-6571

Contractor Lic. No.
CA No. 120696
WA No. ACCOES1971DU

ACCO DAILY FIELD CONSTRUCTION REPORT

PROJECT NAME RHS C&L Lab ACCO JOB # 61028

PROJECT MANAGER A Hargett

DAY OF WEEK Saturday DATE 9-9-18

WEATHER: Temp. 80 Wind _____ Rain _____ Site Condition good

SAFETY: Accidents: YES NO Work Area Conditions good

INSPECTION PREFERRED YES NO

CONTRACTUAL ITEMS Were you prevented from doing any work due to circumstances beyond your control?

YES NO Explain if YES: _____

	EMPLOYEE NAME		EMPLOYEE NUMBER	CRAFT	LABOR CODE		TOTAL HOURS		
	LAST	FIRST			CRAFT CODE	CLASS CODE	REG	OT	DT
1.	<u>Kepler</u>	<u>Karl</u>		<u>ppig</u>		<u>gf</u>		<u>2</u>	
2.	<u>Melrose</u>	<u>Nick</u>						<u>4</u>	
3.	<u>Fernandez</u>	<u>Miguel</u>				<u>off</u>			<u>4</u>
4.									
5.									
6.									
7.									
8.									
9.									
10.									

EQUIPMENT - COMPANY UNITS OR BARE RENTALS

EQUIPMENT NUMBER	DESCRIPTION	DAILY RATE

EXPLAIN HOW ADVERSE CONDITIONS ARE AFFECTING YOUR PRODUCTIVITY AND/OR SCHEDULE:

DESCRIPTION OF WORK PERFORMED:

Move humidity over 4" base offset to make pig fit. and reattached base

SAFETY INFORMATION / CONCERNS:

SALES ORDER



**NORMAN S. WRIGHT
CLIMATEC
MECHANICAL EQUIPMENT**

**ORDER NUMBER: 0691560
ORDER DATE: 8/23/2018**

3325 E. La Palma Avenue, Anaheim, CA 92806-2815
13031 Bradley Avenue Sylmar, CA 91342-3832

tel 714.632.9800 fax 714.632.6900
tel 818.367.6100 fax 818.367.1221

**SALESPERSON: 0500
CUSTOMER NO: 00-A65477**

SOLD TO:

ACCO-Orange County
FILE #1262
6265 San Fernando Rd
Glendale, CA 91201-2214

SHIP TO:

ACCO Receiving #2
35619 Date Palm St
Winchester, CA 92596-8718

JOB # / DESCRIP.

JOB/CONFIRM TO: JUSTIN BELTRAN

COMMENTS:

CUSTOMER P.O.	SHIP VIA	F.O.B.	TERMS			
397036-611028	2ND DAY	PPA	1% 10 DAYS-NET 30			
ITEM NUMBER	DS	ORDERED	SHIPPED	BACK ORDER	PRICE	AMOUNT
366	Y	1	0	0	568.00	568.00
DriSteem Parts		Whse: 305				
*	Y	1	0	0	0.00	0.00
305400-010 1.5" HOSE						
\$252.00 EA						
*	Y	1	0	0	0.00	0.00
305560-010 2" HOSE						
\$316.00 EA						
*	Y	2	0	0	0.00	0.00
700560-150 1.5" CLAMP						
\$0.00 EA						
*	Y	2	0	0	0.00	0.00
700560-200 2" CLAMP						
\$0.00 EA						

Net Order: 568.00
 Less Discount: 0.00
 Freight: 0.00
 Sales Tax: 0.00
Order Total: 568.00