

**Joint Committee on State Building Construction**

**February 25, 2021**

**Change Order Request (per KSA 75-1264)**

**Kansas Adjutant General's Department – Ft. Leavenworth Transient Barracks, A-013442**

Purchase and install new emergency back-up generator; purchase and install unit heater and additional emergency shut-off valves for water heaters.

Original Contract Sum: \$17,801,000, Change Order 10: \$313,557

**Department of Administration:**

**Ray Smith, Project Manager**

Office of Facilities & Property Management - Design, Construction & Compliance

KSA-75-1264 - Requires that the Secretary of Administration first consult and advise this committee of any change order in excess of \$125,000 prior to approval.

Adjutant General's Department has presented a change order request for Ft. Leavenworth – Transient Barracks in the amount of \$313,557 to provide emergency back-up electrical service; additional unit heater to prevent freezing of fire sprinkler system within the stairwell; and, emergency shut-off valves for water heaters to comply with code requirements.

Adjutant General's Department has indicated that all funding is from the Federal National Guard Bureau with no state funds to be utilized.

Project agency representatives are available to respond to any specific questions from the Committee.

**JOINT COMMITTEE ON STATE BUILDING CONSTRUCTION**

Change Order to Construction Contract

January 14, 2021

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STATE AGENCY: Kansas Adjutant General's Department  
ACTION REQUESTED: Approval of Change Order for Construction  
CHANGE ORDER NO. 10

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	CURRENT CONTRACT	PROPOSED CONTRACT
PROJECT NAME	Ft. Leavenworth Transient Barracks	Same
PROJECT NO.:	A013442	Same
PROJECT LOCATION:	Ft. Leavenworth, KS	Same
CONTRACTOR:	Straub Construction Company	
DESCRIPTION:	Install new back-up generator; install unit heater; install 2 emergency shut-off valves for water heaters	
COST:	\$313,557.00	
TIME:	281 days due to lead time for generator delivery	
JUSTIFICATION:	Generator provide back-up power; unit heater prevents fire sprinkler pipes in stair well from freezing; emergency valves needed to meet code requirements	
COMMITTEE COMMENTS/RESPONSE:		

## STATE AGENCY MUST FILL IN

## CONTRACT CHANGE ORDER

Fund	
PO No	

Project Title: Ft. Leavenworth Transcient Barracks	Project No.: A-013442	DCC Design & Construction Approval
Agency: Adjutant General's Department	Date: 1/5/2021	
Institution & Location: Ft. Leavenworth, KS	Change Order No. 10	
Building Number: 03400-01973	Net Amount of Change: \$313,557.00	
A / E Firm: HTK Architects	show deduct in ( )	
<b>A Brief Description of the Work</b>		Request Info
The following shall be provided subject to the requirements of the Contract and Bond already executed the same as if herein repeated. Furnish all labor, materials, tools and equipment & transportation required to complete the following item(s) of work. Use continuation sheet if necessary & attach all back-up documentation.		Use Legend Below (Required for Approval)
Provide new Building Electrical generator and associated switch gear as described in Construction Bid Option #16. Add 5 days to Contract Completion time for installation. (PCO 34R)	Initiated by: 2 Result of: C	Amount \$308,497.00
Provide unit heater in Stair 146 and add (2) emergency shut-offs for the water heaters in Room 133.	Initiated by: 1 Result of: B	\$5,060.00
Add 276 calendar days to Contract Completion to allow for ordering and procurement of the Building Electrical Generator.	Initiated by: Result of:	\$0.00
	Initiated by: Result of:	
	Initiated by: Result of:	
	Initiated by: Result of:	
	Initiated by: Result of:	
	Initiated by: Result of:	

Subtotal from continuations sheets

Legend: Initiated by: Architect/Engineer = 1 Agency = 2 DCC = 3 Contractor = 4  
Result of: Design Error = A Design Omission = B Change in Scope/Program = C Result of Field Conditions = D Other (explain) = E

The Original Contract Sum was	\$	17,801,000.00
Net change by previous Change Orders	\$	238,879.00
The Contract Sum prior to this Change Order was	\$	18,039,879.00
The Contract Sum will be <input checked="" type="checkbox"/> Increased <input type="checkbox"/> Decreased <input type="checkbox"/> Unchanged by this Change Order	\$	313,557.00
The New Contract Sum including this Change Order will be		18,353,436.00
The Contract Time will be <input checked="" type="checkbox"/> Increased <input type="checkbox"/> Decreased <input type="checkbox"/> Unchanged by this Change Order	281	Days
The Date of Completion as of the date of this Change Order therefore is	June 1, 2021	

## APPROVALS

## Contractor Name and Address

Straub Construction Company, Inc.  
7775 Meadow View Drive  
Shawnee, KS 66061
  
 Project Architect/Engineer Signature Date 1/5/2021

 WEISHAAR.DAVID.ALAN.1140519  
 860  
 Digitally signed by WEISHAAR.DAVID.ALAN.1140519860  
 Date: 2021.02.17 15:12:16 -06'00'

Head of State Agency Signature Date

 DocuSigned by:  
  
 1/6/2021

Contractor's Signature

Date

OFPM - DCC Signature

Date

**FUNDING DATA FOR CONTRACT MODIFICATION**

The proponent agency is NGB-ARI. The prescribing directive is NGR 415-5.

SHORT TITLE:

PN 200151 CO #9

PN: 200151

DATE: 01/05/2021

PROJECT FY: 2018

TO: **CHIEF, ARMY INSTALLATIONS DIVISION (NGB-ARI)**

1. REQUEST FOR: ☒ State Contract ☒ Specified  
☐ Federal Contract ☐ Unspecified

2. PROJECT TITLE: Enlisted Barracks, Transient Training

3. LOCATION: Fort Leavenworth

STATE:

\Geography\North America\United State

4. ENCLOSED MODIFICATION #: 9

TO CONTRACT #:

A-013442 / PN#100151

5. TYPE OF CONTRACT: Construction

6.	TOTAL	FEDERAL	STATE	CONTRACT TIME DAYS
AMOUNT OF THIS MODIFICATION	\$ <u>\$313,557.00</u>	\$ <u>\$313,557.00</u>	\$ <u>\$ .00</u>	<u>281</u>
ORIGINAL CONTRACT	\$ <u>\$17,801,000.00</u>	\$ <u>\$17,801,000.00</u>	\$ <u>\$ .00</u>	<u>582</u>
MOD# <u>7</u> TO# <u>8</u>	\$ <u>\$238,879.00</u>	\$ <u>\$238,879.00</u>	\$ <u>\$ .00</u>	<u>102</u>
NEW TOTAL AMOUNT	\$ <u>\$18,353,436.00</u>	\$ <u>\$18,353,436.00</u>	\$ <u>\$ .00</u>	<u>965</u>

7. CURRENT SCHEDULED COMPLETION DATE: 06/01/2021

## 8. WORK COVERED BY MODIFICATION

Provide a new back-up generator with associated equipment as requested by Owner; Provide a unit heater in Stair Well 146. Provide two (2) emergency shut-off valves for water heaters in Room 133.

## 9. A/E CONTRACTOR &amp; ADDRESS

7775 Meadow View Drive

Straub Construction CO., Inc.

Shawnee

Kansas

66227

## 10. REASON &amp; JUSTIFICATION

The generator will ensure mission readiness in the event of a power outage. The unit heater will prevent freezing of exposed fire sprinkler lines in the stair well. The two emergency shut-off valves were required by the Kansas State Building Inspector to meet code.

## APPROVED BY

11. USPFO:

SOLDAN,ALAN.KENT.1151006554

Digitally signed by SOLDAN,ALAN.KENT.1151006554  
Date: 2021.02.17 12:54:26 -0600

DATE: \_\_\_\_\_

12. CHIEF, ARMY INSTALLATIONS DIVISION:

WEISHAAR,KENNETH.JAMES.115046

Digitally signed by WEISHAAR,KENNETH.JAMES.1150468996  
Date: 2021.02.17 11:53:07 -0600

DATE: \_\_\_\_\_

ARI-CO	INIT	DATE	ARI-CO	INIT	DATE	ARI-RM	INIT	DATE
FME REV	ER	01/22/2021	BR CH APR	RM	01/28/2021	FAD INPUT	RF	02/08/2021

PRIDE: 09 - CALLOT

FLAG: ADD

**Appendix M**  
**Checklist for Processing Contract Modifications**

**PROJECT:** Ft. Leavenworth Transient Barracks **LOCATION:** Ft. Leavenworth **STATE:** KS

**CONTRACT MODIFICATION NO.** 9 **TO CONTRACT NO.** 200151

1. Is this for reimbursement of work previously supported 100 percent with other than Federal funds? Yes \_\_\_\_\_ No X
2. Is this for work that has already been started or completed by the contractor? Yes \_\_\_\_\_ No X
3. Is this change in conformance with contract provisions? Yes X No \_\_\_\_\_
4. Is this change for a correction of an architect-engineer error, omission, etc. that exceeds the costs that would have been required to do the work had the A-E not made the error, omission, etc.? Yes \_\_\_\_\_ No X
5. Is this work in conformance with NGB and DoD criteria and policies? Yes X No \_\_\_\_\_
6. Did NGB authorize the negotiation of this proposed contract modification? Yes X No \_\_\_\_\_
7. Is the justification enclosed? Yes X No \_\_\_\_\_
8. Is the description of work enclosed? Yes X No \_\_\_\_\_
9. Is the COR's cost estimate enclosed? Yes \_\_\_\_\_ No X
10. Is the negotiation memorandum/report record enclosed? Yes X No \_\_\_\_\_
11. Is the contractor's cost proposal enclosed? Yes X No \_\_\_\_\_
12. Is the completed NGB Form 87 enclosed? Yes X No \_\_\_\_\_

**SIGNATURE** WELCH.JAMIE.MARIE.1545738534 Digitally signed by WELCH.JAMIE.MARIE.1545738534  
Date: 2021.01.14 12:41:06 -06'00'

**DATE** 14 January 2021



DEPARTMENTS OF THE ARMY AND THE AIR FORCE  
JOINT FORCES HEADQUARTERS KANSAS  
ADJUTANT GENERAL'S DEPARTMENT  
CONSTRUCTION AND FACILITIES MANAGEMENT OFFICE  
2722 SOUTHWEST TOPEKA BOULEVARD  
TOPEKA, KS 66611-1287

NGKS-FEZ

11 January 2021

MEMORANDUM FOR National Guard Bureau, Construction Branch (NGB-ILI-C) ATTN:  
Elaina Ricks, 111 South George Mason Drive, Arlington, VA 22204

SUBJECT: Request Approval of NGB Form 87-R (Change Order 9), Enlisted Transient  
Barracks, Mission Training Complex, Fort Leavenworth, KS, PN, #200151

1. Enclosed is a consolidated list change orders necessary to correct unforeseen site conditions, and owner requested changes to the Transient Barracks being constructed at Mission Training Complex, Fort Leavenworth, KS. The descriptions of each item listed includes pricing for materials, labor, profit, and overhead. Independent government estimates are enclosed.
2. **PCO 34R** – Provide a new back-up generator with associated equipment as requested by Owner to ensure mission readiness in the event of a power outage.
  - a. PCO 34R: The total cost to provide a new back-up generator with associated automatic transfer switch, conductors and conduits is **\$308,497.00**.
3. **CPR 60** – Provide a unit heater in Stair Well 146 to avoid freezing of fire sprinkler lines. Provide two emergency shut-off valves for water heaters in Room 133 as required by State Inspector Mike McAlister.
  - a. CPR 60: The total cost to provide a unit heater in Stair Well 146 and two emergency shut-off valves in Room 133 is **\$5,060.00**.
4. Once all changes are accepted the contract will be increased by a total of **\$313,557.00**. The contractor requests the contract date be extended by **281 calendar days**.
5. The point of contact for this project is Mrs. Jamie Welch, (785) 646-0735 or jamie.m.welch2.nfg@mail.mil.

WEISHAAR.KENNETH.JAM  
ES.1150468996

Digitally signed by  
WEISHAAR.KENNETH.JAMES.1150468996  
Date: 2021.01.11 14:54:57 -06'00'

- 3 Encls
1. Construction Estimate
  2. CPRs
  3. RFIs

KENNETH J. WEISHAAR  
COL, EN, KSARNG  
Construction and Facilities  
Management Officer

CF  
File Copy



## DEPARTMENTS OF THE ARMY AND THE AIR FORCE

KANSAS NATIONAL GUARD  
JOINT FORCES HEADQUARTERS KANSAS  
2800 SOUTHWEST TOPEKA BOULEVARD  
TOPEKA, KANSAS 66611-1287

NGKS-JAO

13 January 2021

MEMORANDUM THRU Colonel Alan K. Soldan, USPFO for Kansas, 2737 South Kansas Ave, Topeka, KS 66611

FOR Major General David A. Weishaar, The Adjutant General, Kansas National Guard, 2722 SW Topeka Blvd, Topeka, KS 66611

SUBJECT: Contract Change Order #9, Project # 200151 – Enlisted Barracks

1. Change order #9 for project # 200151 is legally sufficient. The change order allows for a new backup generator, a unit heater to protect the sprinkler lines, and two emergency shut off valves for the water heaters in Room 133. The change order adds 281 days to the contract. The change order increases the cost of the project by \$313,557.00.

2. The point of contact for this legal review is the undersigned at 785-646-0050 or Jacob.d.mcelwee.mil@mail.mil.

**MCELWEE.JA** Digitally signed by  
MCELWEE.JACOB.D  
**COB.DANIEL.** ANIEL.1398754090  
**1398754090** Date: 2021.01.13  
16:11:16 -06'00'  
JACOB D. MCELWEE  
MAJ, JA, KSARNG  
Legal Advisor to the Adjutant General



DEPARTMENTS OF THE ARMY AND THE AIR FORCE  
JOINT FORCES HEADQUARTERS KANSAS  
ADJUTANT GENERAL'S DEPARTMENT  
CONSTRUCTION AND FACILITIES MANAGEMENT OFFICE  
2722 SOUTHWEST TOPEKA BOULEVARD  
TOPEKA, KS 66611-1287

NGKS-FEZ

10 January 2021

MEMORANDUM FOR National Guard Bureau, Construction Branch (NGB-ILI-C) ATTN:  
Elaina Ricks, 111 South George Mason Drive, Arlington, VA 22204

SUBJECT: Contracting Officer Representative's Negotiation Memorandum (Change Order 10),  
MTC Transient Barracks, Fort Leavenworth, KS, PN, #200151

1. I have reviewed Change Order 10 for the MTC Transient Barracks and find the cost to be fair and equitable.
2. The point of contact for this project is Mrs. Jamie Welch, (785) 646-0735 or [jamie.m.welch2.nfg@mail.mil](mailto:jamie.m.welch2.nfg@mail.mil).

*Kyle Green rkg*  
RICHARD K. GREEN  
Procurement Officer  
Adjutant General's Department

CF  
File Copy

**AGO Form 503-M: Request to Modify Purchase Order**  
revised 9/2013

**Purchase Order ID: 40187**

STATE OF KANSAS  
ADJUTANT GENERAL'S DEPT  
2800 SW TOPEKA BLVD  
TOPEKA, KS 66611

completed in SMART

initials: \_\_\_\_\_ date: \_\_\_\_\_

Request Number: 10

Request Date: 08-Feb-2021

Unit: PN 200151 Transient Barracks

Address: CFMO

2722 SW Topeka Blvd.

Topeka, KS 66611

Contract ID: \_\_\_\_\_ for contract vendors and purchases over \$5,000

**REQUIRED: Justification for Modifying Purchase Order** Increases ≤ 10%: use box below (attach additional information if needed)  
Increases > 10%: attach written letter to State Comptroller

Changes and modifications listed in Change Order #10.

For UNIT COST increases, enter only the different between the new amount and old amount.

PO LINE	ITEM DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
1	Increase in Construction Services	1	LS	\$313,557.00	\$313,557.00

<b>Requestor</b> Print Name: <u>Jamie Welch</u> <b>Signature and Date:</b> <u>WELCH.JAMIE.MARIE.1</u> <u>545738534</u>		Digitally signed by WELCH.JAMIE.MARIE.1545738534 Date: 2021.02.08 09:07:17 -06'00'		Original/Modified PO Amount: <u>18,039,879</u> Requested Additional Amount: <u>\$313,557.00</u> <b>New Modified PO Amount: 18,353,436</b>	
<b>CFMO / Controlling Supervisor</b> <b>Signature and Date:</b> <u>[Signature]</u> <u>12 FEB 21</u>		<b>FUNDING</b> FFY: <u>2018</u> Agreement: <u>0200151-18</u> Project Title / Number: <u>FLW Transient Barracks PN 200151</u>			
<b>Resource Officer / Financial Manager:</b> I certify Federal funds are available and the expenditure is authorized by and through the related Federal/State Agreement or Grant. <b>Signature and Date:</b> <u>[Signature]</u> <u>17 FEB 21</u>		<input checked="" type="checkbox"/> 100F <input type="checkbox"/> 75F / 25S   ESTIMATED COST <input type="checkbox"/> 100FF <input type="checkbox"/> 50F / 50S   Federal: <u>\$313,557.00</u> <input type="checkbox"/> 100S <input type="checkbox"/> Counter Drug   State: _____ <input type="checkbox"/> other: _____   Counter Drug: _____			
<b>State Comptroller:</b> Authority granted to contract for items above. Federal funds are available and authorized as certified by Resource Officer / Financial Manager. Amount to be certified for payment on AGO Form 504. <b>Signature and Date:</b> _____		<b>FISP DATA (CFMO / Federal use only)</b> AMSCO / EEIC: <u>0200151</u> SPT. Code: <u>TS2</u> EOR: <u>3230</u> CAT. Code: <u>72114</u> Fac. Number: <u>01973</u> Installation: <u>20B96</u>			



A-013442

609 - Ft. Leavenworth Transient Barracks

# CPR #34R - PR 9. Add Building Generator

## **DESCRIPTIVE SUMMARY OF CONTRACTOR PROPOSAL REQUEST**

Add building generator per PR 9. Straub Construction is offering to hold our bid day alternate pricing originally submitted for building alternate No. 16.

DESCRIPTION OF COSTS	RATE	MATERIALS & EXPENSES	LABOR HOURS	TOTAL
SITE SUPERINTENDENT	\$ 80.00		40	\$ 3,200.00
PROJECT MANAGEMENT	\$ 85.00		20	\$ 1,700.00
ESTIMATING	\$ 80.00			
CLEAN-UP / DUMPSTER	DAY	\$ 83.00		\$ 415.00
TOOLS	DAY	\$ 27.00		\$ 135.00
TRAVEL	DAY	\$ 96.00		\$ 480.00
EQUIPMENT RENTAL	DAY	\$ 50.00		\$ 250.00
UTILITIES	DAY	\$ 178.00		\$ 890.00
<b>SUBTOTAL GENERAL CONTRACTOR DIRECT JOB COSTS</b>				<b>\$ 7,070.00</b>
SUBCONTRACTORS - Electrical	LS			<b>\$ 301,427.00</b>
<b>SUBTOTAL SUBCONTRACTOR COSTS</b>				<b>\$ 301,427.00</b>
<b>SUBTOTAL</b>				<b>\$ 308,497.00</b>
FEE ON OWN FORCES 10%				\$ -
<b>SUBTOTAL</b>				<b>\$ 308,497.00</b>
FEE 10%				\$ -
<b>SUBTOTAL</b>				<b>\$ 308,497.00</b>
<b>CONTRACT TIME EXTENSION REQUESTED</b>	<b>5</b>	<b>Days</b>		
PREMIUM OVERTIME COST TO COMPLETE WORK IF EXTENSION IS NOT ACCEPTED	<b>NA</b>			
<b>TOTAL CPR CONSTRUCTION COST</b>				<b>\$ 308,497.00</b>

## **NOTES:**

One week for functional testing included due remobilization and repulling service wiring.

Date: 09MAR20

SIGNATURE

**Nolan Cisner**

Sr. Project Manager

Straub Construction | 7775 Meadow View Drive | Shawnee, KS 66227

# **TRANSIENT BARRACKS - FT. LEAVENWORTH, CFMO #20051**

## **CHANGE ORDER**

Government Construction Cost Estimate

**Building Generator** (CP #34R)

Dec. 11, 2020

T. Jefferies

**Description:** Add Building Generator. Contract extension (5 days) time claimed by General Contractor.

No A/E fees included in construction cost.

2019 RS Means Cost Data.

State Contracting: Sales tax on material and equipment only (9% Leavenworth, KS). Overhead, profit and fees for changed to the Work in accordance with allowable limits per State of Kansas Conditions of the Contract for the Project.

(\*) this column includes 10% overhead and profit for subcontractor, however State of Kansas General Conditions allows 20% overhead and profit to subcontractors performing work with their own forces (Document D, Article 12.D.1.)

<u>Item</u>	<u>Quantity/ Unit</u>	<u>Material</u>	<u>Labor</u>	<u>Equip.</u>	<u>Total</u>	<u>(*) w/ sub's O &amp; P</u>	<u>Total Cost</u>
<b><u>A. Misc.:</u></b>							
1. Electrical subcontractor project manager (administer change order request, 3 hrs.):							
	0.075 week	-	2,500.00	-	2,500.00	3,800.00	285.00
2. Costs for Contract extension of 5 days (General Contractor):							
-Project Manager (1/4-time)	0.25 week	-	2,500.00	-	2,500.00	3,800.00	950.00
-Superintendent (fulltime)	1 week	-	2,325.00	-	2,325.00	3,525.00	3,525.00
-Utilities	5 days	-	-	-	-	178.00	890.00
-Travel	5 days	-	-	-	-	96.00	480.00
-clean-up, dumpster	5 days	-	-	-	-	83.00	415.00

**A. Subtotal** **6,545.00**

**B. Building Generator:** Diesel powered electric building generator. Cost using historical data of three Alternate Bids for "Alternate No. 16 - Building Generator" received on 8/23/2018 with the three original bidding General Contractors. Three Alternate Bids were 212K, 217K and 300K respectively, resulting in average = 243K.

**Escalation:** Apply escalation rate based on UFC Estimating Data for Escalation Factor = index to date 6140 (3-09-2020) / index from date 5784 (8-23-2018) = 1.0615

Building Generator-Average Cost at 8-23-2018 (including GC overhead and profit, sub's overhead and profit and taxes) = 243,000.00

Cost at time of Change Order Proposal (3-09-2020) with escalation = 243,000.00 x 1.0615 = 257,944.50

<b><u>B. subtotal:</u></b>	<b><u>257,944.50</u></b>
-add 10% profit for subcontractor per note (*) =	25,794.45
<b><u>B. Subtotal</u></b>	<b><u>283,738.95</u></b>

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<b>C. Added Electrical Work:</b> Added cost of reworking electrical feeders after permanent power for generator. Use RS Means location index 0.75 for labor for Topeka, KS subcontractor location.							
push-station switch	2 ea.	187.00	48.75	-	235.75	278.83	557.66
contactor, mech. held,							
6 pole	1 ea.	605.00	99.75	-	704.75	815.13	815.13
conduit and wiring	job	55.00	160.00	-	215.00	300.50	300.50
core drill CMU for conduit	2 ea.	-	20.00	-	20.00	45.50	91.00

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<b>C. subtotal:</b>	<u>1,764.29</u>
-tax, material (9%) x 1,034.00 =	93.06
subtotal w/ tax:	<u>1,857.35</u>
-add 10% profit for subcontractor per note (*) =	185.74
<b>C. Subtotal</b>	<b><u>2,043.09</u></b>

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<b>Subtotal A. thru C.</b>	<b><u>292,327.04</u></b>
Bonds and Insurance for A.2. and C. (1.5%) x 8,303.04 =	124.55
<b>Subtotal</b>	<b><u>292,451.59</u></b>
Contractor's Fee for Item C. at 10% =	204.31
Contractor's Fee for Item A. at 10% =	654.50
<b>Subtotal</b>	<b><u>293,310.40</u></b>

<b><u>TOTAL COST</u></b>	<b><u>293,310.40</u></b>
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END



A-013442

609 - Ft. Leavenworth Transient Barracks

**CPR #60 - Added Unit Heater/Water Heater Emergency Shut Offs****DESCRIPTIVE SUMMARY OF CONTRACTOR PROPOSAL REQUEST**

1. Cost to add unit heater in Stair 146 , to include electrical work, heater, and supports.
2. Cost to add 2 emergency shut offs for water heaters, in Mechanical Room 133.

DESCRIPTION OF COSTS	RATE	MATERIALS & EXPENSES	LABOR HOURS	TOTAL
SITE SUPERINTENDENT	\$ 80.00		0	\$ -
PROJECT MANAGEMENT	\$ 85.00		0	\$ -
ESTIMATING	\$ 80.00			
CLEAN-UP / DUMPSTER	DAY	\$ 83.00		\$ -
TOOLS	DAY	\$ 27.00		\$ -
TRAVEL	DAY	\$ 96.00		\$ -
EQUIPMENT RENTAL	DAY	\$ 50.00		\$ -
UTILITIES	DAY	\$ 178.00		\$ -
<b>SUBTOTAL GENERAL CONTRACTOR DIRECT JOB COSTS</b>				<b>\$ -</b>
SUBCONTRACTORS - Electrician/Mechanical	LS			<b>\$ 4,600.00</b>
<b>SUBTOTAL SUBCONTRACTOR COSTS</b>				<b>\$ 4,600.00</b>
<b>SUBTOTAL</b>				<b>\$ 4,600.00</b>
FEE ON OWN FORCES 10%				\$ -
<b>SUBTOTAL</b>				<b>\$ 4,600.00</b>
FEE 10%				\$ 460.00
<b>SUBTOTAL</b>				<b>\$ 5,060.00</b>
<b>CONTRACT TIME EXTENSION REQUESTED</b>	<b>0</b>	<b>Days</b>		
PREMIUM OVERTIME COST TO COMPLETE WORK IF EXTENSION IS NOT ACCEPTED	<b>NA</b>			
<b>TOTAL CPR CONSTRUCTION COST</b>				<b>\$ 5,060.00</b>

**NOTES:***Kody Simmons*

Date: 10/30/2020

**SIGNATURE****Kody Simmons**

Project Manager

Straub Construction | 7775 Meadow View Drive | Shawnee, KS 66227

# **RTRANSIENT BARRACKS - FT. LEAVENWORTH, CFMO #20051**

## **CHANGE ORDER**

Government Construction Cost Estimate

### **Unit Heater / Water Heater Shut-offs** (CP #60)

Dec. 15, 2020

T. Jefferies

**Description:** Add unit heater to Stairway 146. Add emergency shut-off valves for water heater in Mech. Rm. 133.

No A/E fees included in construction cost.

2019 RS Means Cost Data.

State Contracting: Sales tax on material and equipment only (9% Leavenworth, KS). Overhead, profit and fees for changed to the Work in accordance with allowable limits per State of Kansas Conditions of the Contract for the Project.

(\*) this column includes 10% overhead and profit for subcontractor, however State of Kansas General Conditions allows 20% overhead and profit to subcontractors performing work with their own forces (Document D, Article 12.D.1.)

<u>Item</u>	<u>Quantity/ Unit</u>	<u>Material</u>	<u>Labor</u>	<u>Equip.</u>	<u>Total</u>	<u>(*) w/ sub's O &amp; P</u>	<u>Total Cost</u>
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#### **A. Misc.:**

Subcontractor project manager (administer change order request, 1.5 hrs.):

0.0375 week	-	2,500.00	-	2,500.00	3,800.00	142.50
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#### **A. Subtotal**

**142.50**

#### **B. Unit Heater:** Use 0.75 RS Means labor index for Topeka, KS electrical subcontractor:

Unit Heater- 4KW, 208 volt, 3-phase, ceiling mounted style, vertical discharge; RS Means 238333.10-8520:

1 ea.	2,300.00	120.00	-	2,420.00	2,711.20	2,711.20
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Unit Heater Branch Circuitry to existing panelboard:

-Circuit Breaker, 20 amp 1 ea.	25.50	28.50	-	54.00	70.80	70.80
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-conduit, EMT, 0.75", with fittings and supports:

20 LF	0.96	1.43	-	2.39	3.22	64.40
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-core drill CMU for conduit 1 ea.	-	20.00	-	20.00	45.50	45.50
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-wiring, THHN, #14 0.6 CLF	6.60	27.75	-	34.35	48.89	28.33
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#### **B. subtotal:**

**2,920.23**

-tax, material (9%) x 2,361.35 =

212.52

subtotal w/ tax:

**3,132.75**

-add 10% profit for subcontractor per note (\*) =

313.28

#### **B. Subtotal**

**3,446.03**

#### **C. Emergency Shut-Offs for Water Heaters:** Use 0.75 RS Means labor index for Topeka, KS electrical subcontractor:

push-station switch	2 ea.	187.00	48.75	-	235.75	278.83	557.66
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contactor, mech. held,							
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6 pole	1 ea.	605.00	99.75	-	704.75	815.13	815.13
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conduit and wiring	job	55.00	160.00	-	215.00	300.50	300.50
core drill CMU for conduit 2 ea.		-	20.00	-	20.00	45.50	91.00

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<u>C. subtotal:</u>	<u>1,767.29</u>
-tax, material (9%) x 1,034.00 =	93.06
subtotal w/ tax:	<u>1,860.35</u>
-add 10% profit for subcontractor per note (*) =	186.04
<b><u>C. Subtotal</u></b>	<b><u>2,046.39</u></b>

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<b><u>Subtotal A. thru C.=</u></b>	<b><u>5,634.92</u></b>
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Bonds and Insurance (1.5%)	84.52
<b><u>Subtotal</u></b>	<b><u>5,719.44</u></b>
Contractor's Fee (10%)	571.94

<b><u>TOTAL COST</u></b>	<b><u>6,291.38</u></b>
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