

**AIA®****Document G701™ – 2017****Change Order**

PROJECT: <i>(name and address)</i>	CONTRACT INFORMATION:	CHANGE ORDER INFORMATION:
Laramie County Rx Modification	Contract For: Design & Consulting	Change Order Number: 001
310 W. 19th Street	Date: February 21, 2018	Date: June 25, 2019
OWNER: <i>(name and address)</i>	ARCHITECT: <i>(name and address)</i>	CONTRACTOR: <i>(name and address)</i>
Laramie County	IMEG Corp.	FCI Constructors of Wyoming
309 W. 20th Street	623 26th Avenue	1023 E. Lincolnway
Cheyenne, WY 82001	Rock Island, IL 61201	Cheyenne, WY 82001

THE CONTRACT IS CHANGED AS FOLLOWS:


(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Additional design services to design the replacement of the existing pneumatic control system with a DDC Control System throughout the entire building.


The original	Contract Sum	was	\$	<u>320,000.00</u>
The net change by previously authorized Change Orders			\$	<u>0</u>
The	Contract Sum	prior to this Change Order was	\$	<u>320,000.00</u>
The	Contract Sum	will be increased by this Change Order in the amount of	\$	<u>45,746.25</u>
The new	Contract Sum	, including this Change Order, will be	\$	<u>365,746.25</u>
The Contract Time will be unchanged by		(0) days.		
The new date of Substantial Completion will be	N/A			

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

IMEG Corp	N/A	Laramie County
ARCHITECT <i>(Firm name)</i>	CONTRACTOR <i>(Firm name)</i>	OWNER <i>(Firm name)</i>
 Digitally signed by Eric J. Stoerger Date: 2019.06.26 06:24:22 -06'00'		
SIGNATURE	SIGNATURE	SIGNATURE
Eric J. Stoerger	N/A	Linda Heath, Chairman
Associate Principal		
PRINTED NAME AND TITLE	PRINTED NAME AND TITLE	PRINTED NAME AND TITLE
6/26/2019		
DATE	DATE	DATE

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RECEIVED AND APPROVED AS
DEPUTY LARAMIE COUNTY
ATTORNEY 

Laramie County Detention Center
Pnuematic to DDC Controls Upgrade

Description	QTY	Unit Cost	Cost
VAV Remove/Replace	63	\$ 1,800.00	\$113,400.00
CUH/UH/Baseboard Piping & Insulation	23	\$ 575.00	\$ 13,225.00
Smoke and Fire/Smoke Dampers	20	\$ 1,200.00	\$ 24,000.00
Balancing	1	\$ 40,000.00	\$ 40,000.00
Ceiling Work	109	\$ 500.00	\$ 54,500.00
Install/Wiring	1	\$166,400.00	\$166,400.00
VAV control	63	\$ 2,300.00	\$144,900.00
VAV Multizone control	26	\$ 1,800.00	\$ 46,800.00
Multizone AHU (Cell Pods) control	2	\$ 40,300.00	\$ 80,600.00
UH control	4	\$ 1,000.00	\$ 4,000.00
CUH control	5	\$ 1,000.00	\$ 5,000.00
H&V Unit (Mixed Air Single Duct) control	1	\$ 12,000.00	\$ 12,000.00
NAE PC (Metasys Extended Arch New)	1	\$ 40,000.00	\$ 40,000.00
ALC Integration (Bacnet IP)	1	\$ 11,200.00	\$ 11,200.00
Server (Metasys Extended Arch New)	1	\$ 22,000.00	\$ 22,000.00
Demolition	1	\$ 3,500.00	\$ 3,500.00
Smoke Control	1	\$ 93,400.00	\$ 93,400.00
Fire Alarm Control Panel (Allowance if required)	1	\$ 40,000.00	\$ 40,000.00
Direct Cost Sub-total			\$914,925.00
Design & Professional Services			\$ 45,746.25
Total			\$960,671.25



MEMORANDUM

TO: Wyoming State Lands and Investment Board

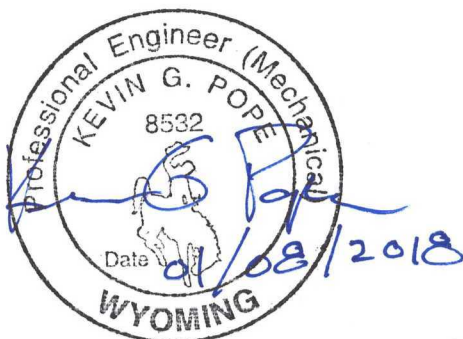
FROM: Kevin Pope, P.E.

DATE: 1/5/2018

RE: Laramie County Detention Center – Control System Replacement

The Laramie County Detention Center was constructed in two major phases: The original three story 1986 building (approximately 63,000 sf) and a five story 2001 addition (approximately 37,000 sf). Minor upgrades have taken place to address small portions of the building systems or components of systems. However, during all this time there have been no upgrades to the temperature control system and the facility is still controlled by the original 1986 pneumatic control system. As a whole the system calibration and sequences of control have drifted away from the intended operation and have either become inefficient or are non-operational.

In December 2016, MKK Consulting Engineers issued a Retro-commissioning Study Report identifying recommended upgrades to the facilities HVAC equipment and control systems. After an assessment of the building, the biggest problem identified in the report was the problematic pneumatic control system. This system controls the room temperatures, building energy usage and life-safety systems. Due to funding limitations the controls replacement scope has not been included in the planned construction projects for the facility. As such, the complete replacement of the existing control system is critical and necessary to re-establish the integrity of the HVAC and life-safety systems at the facility. This funding would allow the complete overhaul of the temperature control system including the critical fire life safety systems giving renewed control and safety to Laramie County Sheriff's Department staff and inmates. The upgrades would also help to reduce ongoing energy costs, thereby reducing the overall operational cost of the facility. There are many advantages and cost reduction factors that can be realized if this project can move forward now while the other mechanical components are being upgraded.





7600 E. Orchard Road, Suite 250S
Greenwood Village, CO 80111-2539
(303) 796-6000 - Fax (303) 796-6099
www.mkkeng.com

Vender # 6084
GL/Project # 180007-150-0210-5001 \$11,201.56
GL/Project # _____
GL/Project # _____

Laramie County Attorneys Office, Dept of Risk
E-MAIL Attn: Jessica Peterson
310 West 19th Street suite 320
Cheyenne, WY 82001

June 30, 2018
Project No: 2017.02.0003
Invoice No: 2054241

Laramie County Detention Center RCx Modifications
Professional Services from May 27, 2018 to June 30, 2018
Fee

Phase	Fee	Percent Complete	Earned	Current Fee Billing
Schematic Design	88,946.25	100.00	88,946.25	0.00
Construction Docs	144,653.75	98.00	141,760.68	4,339.62
Bidding	6,400.00	0.00	0.00	0.00
Construction Admin	70,400.00	0.00	0.00	0.00
Post Construction	9,600.00	0.00	0.00	0.00
DDC Controls Upgrade	45,746.25	15.00	6,861.94	6,861.94
Total Fee	365,746.25		237,568.87	11,201.56
		Previous Fee Billing	226,367.31	
		Total Fee		11,201.56
		Total this Invoice		\$11,201.56

Billings to Date

	Current	Prior	Total Billed
Fee	11,201.56	90,094.81	101,296.37
Labor	0.00	136,272.50	136,272.50
Consultant	0.00	10,000.00	10,000.00
Expense	0.00	1,897.96	1,897.96
Totals	11,201.56	238,265.27	249,466.83

The parties hereby incorporate the requirements of 41 C.F.R. § 60-1.4(a) and 29 C.F.R. § 471, Appendix A to Subpart A, if applicable.

This contractor and subcontractor shall abide by the requirements of 41 CFR 60-300.5(a) and 41 CFR 60-741.5(a), if applicable. These regulations prohibit discrimination against qualified protected veterans and qualified individuals with disabilities, and require affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans and qualified individuals with disabilities.



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Greenwood Village, CO 80111-2539
(303) 796-6000 - Fax (303) 796-6099
www.mkkeng.com

Vender # 6084

GL/Project # 180007-150-210-5001 \$22,032.34

GL/Project # _____

GL/Project # _____

Laramie County Attorneys Office, Dept of Risk
E-MAIL Attn: Jessica Peterson
310 West 19th Street suite 320
Cheyenne, WY 82001

July 31, 2018

Project No: 2017.02.0003

Invoice No: 2054393

Laramie County Detention Center RCx Modifications

Professional Services from July 1, 2018 to July 28, 2018

Fee

Phase	Fee	Percent Complete	Earned	Current Fee Billing
Schematic Design	88,946.25	100.00	88,946.25	0.00
Construction Docs	144,653.75	99.00	143,207.21	1,446.53
Bidding	6,400.00	0.00	0.00	0.00
Construction Admin	70,400.00	0.00	0.00	0.00
Post Construction	9,600.00	0.00	0.00	0.00
DDC Controls Upgrade	45,746.25	60.00	27,447.75	20,585.81
Total Fee	365,746.25		259,601.21	22,032.34
		Previous Fee Billing	237,568.87	
		Total Fee		22,032.34
		Total this Invoice		\$22,032.34

Billings to Date

	Current	Prior	Total Billed
Fee	22,032.34	101,296.37	123,328.71
Labor	0.00	136,272.50	136,272.50
Consultant	0.00	10,000.00	10,000.00
Expense	0.00	1,897.96	1,897.96
Totals	22,032.34	249,466.83	271,499.17

The parties hereby incorporate the requirements of 41 C.F.R. § 60-1.4(a) and 29 C.F.R. § 471, Appendix A to Subpart A, if applicable.

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7600 E. Orchard Road, Suite 250S
Greenwood Village, CO 80111-2539
(303) 796-6000 - Fax (303) 796-6099
MKKAccounting@mkkeng.com

Laramie County Attorneys Office, Dept of Risk
E-MAIL Attn: Jessica Peterson
310 West 19th Street suite 320
Cheyenne, WY 82001

Vender # 6084
GL/Project # 180007-150-0210-5001 \$19,745.04
GL/Project # _____
GL/Project # _____

August 31, 2018
Project No: 2017.02.0003
Invoice No: 2054623

Laramie County Detention Center RCx Modifications
Professional Services from July 29, 2018 to September 1, 2018
Fee

Phase	Fee	Percent Complete	Earned	Current Fee Billing
Schematic Design	88,946.25	100.00	88,946.25	0.00
Construction Docs	144,653.75	100.00	144,653.75	1,446.54
Bidding	6,400.00	0.00	0.00	0.00
Construction Admin	70,400.00	0.00	0.00	0.00
Post Construction	9,600.00	0.00	0.00	0.00
DDC Controls Upgrade	45,746.25	100.00	45,746.25	18,298.50
Total Fee	365,746.25		279,346.25	19,745.04
		Previous Fee Billing	259,601.21	
		Total Fee		19,745.04
		Total this Invoice		\$19,745.04

Billings to Date

	Current	Prior	Total Billed
Fee	19,745.04	123,328.71	143,073.75
Labor	0.00	136,272.50	136,272.50
Consultant	0.00	10,000.00	10,000.00
Expense	0.00	1,897.96	1,897.96
Totals	19,745.04	271,499.17	291,244.21

The parties hereby incorporate the requirements of 41 C.F.R. § 60-1.4(a) and 29 C.F.R. § 471, Appendix A to Subpart A, if applicable.

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