AGREEMENT

BETWEEN LARAMIE COUNTY, WYOMING, AND FCI CONSTRUCTORS OF WYOMING, LLC FOR THE PRE-CONSTRUCTION AND CONSTRUCTION PHASE SERVICES FOR LARAMIE COUNTY DETENTION CENTER HVAC RETRO-COMMISSIONING MODIFICATIONS

This Agreement ("Agreement") is made by and between Laramie County, (hereinafter collectively referred to as "Owner"), and FCI Constructors of Wyoming, LLC. (hereinafter referred to as "CMAR") as follows:

INTRODUCTORY PROVISIONS

WITNESSETH, that the Owner and CMAR, for the consideration hereinafter stated and in exchange for the mutual covenants set forth herein, hereby agree as follows:

GENERAL TERMS:

- A. The "Owner" The "Owner" referred to in this Agreement is Laramie County.
- B. The "CMAR" referred to in this Agreement is FCI Constructors of Wyoming, LLC.
- C. <u>The "Project Architect"</u> The "Project Architect" referred to in this Agreement is MKK Consulting Engineers, Inc.

SECTION 1. LEGAL PROCESS: This Agreement is entered into pursuant to the provisions of Wyo. Stat. §16-6-701 et seq.

SECTION 2. SCOPE OF THE PROJECT: The CMAR shall furnish services in connection with the project described generally as <u>Laramie County Detention Center HVAC RCx Modifications</u>, the final scope of the project(s) and budget therefore to be determined by the Owner, Project Architect and CMAR. The scope of the Project is more particularly described as follows:

Pre-construction services and Construction Management at Risk services for Laramie County as more particularly described in the Contract Documents, (hereinafter collectively referred to as the "Projects" and individually as "individual Project" or "Project"). The total estimated construction budget for all of the Project(s) is:

Construction Budget

Description	Budget
Preconstruction Fixed Fee	\$10,000.00
General Conditions Cost (12 months)	\$283,416.00
Construction Management Fee	4.0%
Cost of the Project Work	\$4,739,532.00
Guaranteed Maximum Price (GMP)	\$5,542,033.00

SECTION 3. CONTRACT DOCUMENTS: The Owner and the CMAR agree that the Contract Documents for the Project shall consist of this Agreement, "Exhibit A" and the following documents incorporated into and made a part of this Agreement, and are as fully incorporated into the Agreement as if attached to this Agreement or repeated herein, to-wit:

or CPMS. The CMAR shall coordinate and integrate the CPMS for the Project with the services and activities of the Project Architect as set forth in the Project Architect's Schedule for design services. As design proceeds through Schematic Design, Design Development, Construction Documents, and construction phases of the Project the CPMS shall be updated to indicate proposed activity sequences and durations, milestone dates for receipt and approval of pertinent information, submittal of GMP proposal, preparation and processing of shop drawings and samples, delivery of materials or equipment requiring long-lead time procurement, Owner's occupancy requirements showing portions of the Project having occupancy priority, proposed date of Substantial Completion, and proposed date of Final Completion acceptable to the Owner. The CMAR shall establish a baseline schedule for the project that shall be approved by the Owner and include resource requirements and cost information for all work packages. The CMAR shall be responsible to track ongoing progress of the project against the baseline schedule and provide updates with each application for payment.

- 1.4.10 PROJECT TEAM: For purposes of this Agreement, "Project Team" shall mean the Owner, the CMAR, and the Project Architect.
- 1.5 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- 1.5.1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated.
- 1.5.2 The Contract Time shall be measured from the date of commencement, subject to adjustments of this Contract Time as provided in the Contract Documents.
- 1.5.3 The CMAR shall achieve Substantial Completion of the Work and Final Completion of the Work for each Project as follows:
- 1.5.3.1 Substantial Completion: November 26, 2019
- 1.5.3.2 Final Completion: December 27, 2019.
- 1.6 AGREEMENT AND PAYMENT CONTINGENT UPON AVAILABILITY OF APPROPRIATED FUNDS UNDER THE BUDGET
- 1.6.1 Any other provisions of the Contract Documents to the contrary notwithstanding, it is expressly understood and agreed that the legal obligation of the Owner under this Agreement, including the obligation of the Owner to pay the contract sum or any part thereof shall be contingent upon the availability of funds and any formal action of the Owner for the purpose of payment of the Contract Sum or any part thereof. In the event the funding for the Project becomes unavailable for any reason, the Owner may terminate this agreement without cause under the provisions of Article 9 hereof.
- 1.6.2 It is agreed that the obligations of the CMAR herein are expressly contingent upon reasonable proof to the CMAR that the Owner has funds specifically approved to fund the Project.
- 1.7 COMPLIANCE WITH STATUTES: It shall be the sole responsibility of the CMAR to at all times comply with all applicable federal and state statutes.
- 1.8 EQUAL EMPLOYMENT OPPORTUNITY AND VERIFICATION OF IMMIGRATION STATUS: The CMAR shall comply with applicable laws, regulations and special requirements of the Contract Documents regarding equal employment opportunity and shall comply with all requirements of the federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Wyoming, if required by state or federal law or regulation.

ARTICLE 2 CONSTRUCTION MANAGER AT RISK'S RESPONSIBILITIES

The services to be provided under this Article constitute the Construction Management Services to be provided by the CMAR, which are to be divided between Pre-Construction Phase services (paragraphs 2.1, 2.2, 2.3 and 2.4) and Construction Phase services (paragraphs 2.5, 2.6 and 2.7). If the Owner and CMAR agree in writing after consultation



RCx Modifications Detention

Cheyenne, Wyo / 1910 Pioneer A GMP **Project Location:**

Estimate Type: Project Duration:

Revision: 2- VE Printed On: 10/31/18 2:27 PM 12 NA Months

Project SF:

Estimator: John Flanagan

PRECONSTRUCTION FEE

FCI OVERHEAD AND FEE

×				·
Description			т	otal Cost
Division 01	GENERAL REQUIREMEN	ITS	\$	293,416
Division 02	EXISTING CONDITIONS		\$	66,346
Division 03	CONCRETE		\$	14,211
Division 04	MASONRY		\$	
Division 05	METALS		\$	192,609
Division 06	WOOD & PLASTIC		\$	9 = 1
Division 07	THERMAL & MOISTURE	PROTECTION	\$	58,947
Division 08	DOORS & WINDOWS		\$	8,773
Division 09	FINISHES		\$	124,412
Division 10	SPECIALTIES		\$	#
Division 11	EQUIPMENT		\$	7247
Division 12	FURNISHINGS		\$	
Division 13	SPECIAL SYSTEMS		\$	
Division 14	CONVEYING SYSTEMS		\$	t ≥ (:
Division 21	FIRE SUPPRESSION		\$	39,150
Division 22	PLUMBING		\$	7,975
Division 23	HVAC		\$	3,828,953
Division 26	ELECTRICAL		\$	363,849
Division 27	COMMUNICATIONS		\$	3,500
Division 28	ELECTRONIC SAFETY &	SECURITY	\$	30,807
Division 31	EARTHWORK		\$	20-14 80-34
Division 32	EXTERIOR IMPROVEME	NTS	\$	int
Division 33	UTILITIES		\$	·
		SUBTOTAL	\$	5,032,948
CONTRACTOR'S GENERAL LIABI BUILDER'S RISH		BY OTHERS 4.50% BY FCI BY FCI	\$ \$ \$	226,483 33,252 4,127
PERFORMANCE	E AND PAYMENT BOND	BY FCI	\$	32,068

ESTIMATE TOTAL: \$ 5,542,033

\$

\$

213,155

IN DIV 1

4.00%





Project Name: RCx Modifications Detention
Estimate Type: GMP
Project Duration: 12 Months
Project SF: NA
Estimator: John Flanagan Revisio<mark>n: 2-VE</mark> Printed On: 10/31/18 2:31 PM

Description	Quantity	Unit \$	Total \$
Division 01 GENERAL REQUIREMENTS			
GENERAL CONDITIONS			
GENERAL REQUIREMENTS	12 MONTHS	23,618.00	283,416
FCI BRANDED SAFETY ENTRY GATE SCREEN	- EACH	163.00	0
PRECONSTRUCTION FEE	1 LSUM	10,000.00	10,000
WINTER CONDITIONS	 INCL. IN DCOW 	0.00	0
TOTAL GENERAL CONDITIONS			293,416
Total Division 01 GENERAL REQUIREMENTS			\$293,416
Di da an EVICTINO CONDITIONO			0
Division 02 EXISTING CONDITIONS			
SURVEYING LAYOUT	1 LSUM	1,000.00	1,000
X-RAY INVESTIGATION	1 LSUM	6,000.00	6,000
SCAFFOLD MECH CHASE	3 WKS	1,500.00	4,500
TOTAL SURVEYING		.,,	11,500
INTERIOR DEMOLITION			
INTERIOR DEMOLITION		0.00	0
SAWCUTTING		0.00	0
CONCRETE SLABS	100 LNFT	6.00	600
MASONRY WALLS	1 LSUM	1,500.00	1,500
DEMOLITION	3 5 2765	0.00	0
CONCRETE DEMO	1 LSUM	5,000.00	5,000
CMU WALLS	1 LSUM	2,500.00	2,500
DRYWALL WALLS AND FRAMING DRYWALL CEILINGS	1 LSUM 3,000 SQFT	1,500.00	1,500
ACT CEILINGS	1,500 SQFT	3.00 2.00	9,000 3,000
SECURITY CEILING DEMO	700 SQFT	5.00	3,500
CEILING SHORING	1 LSUM	2,500.00	2,500
HAUL AND DISPOSE	1 LSUM	1,500.00	1,500
GENERAL CLEAN-UP	1 LSUM	15,960.00	15,960
FLOOR PROTECTION	1 LSUM	1,635.00	1,635
SEAL / PROTECT EXISTING DUCTWORK	1 LSUM	1,588.00	1,588
CHANGE OUT RTU FILTERS AT COMPLETION	1 LSUM	2,088.00	2,088
ADDITIONAL DUMPSTERS	7 EACH	425.00	2,975
TOTAL INTERIOR DEMOLITION			54,846
TEMPORY CONDITIONS TEMP HVAC / MECH ALLOWANCE	- EXCLUDED	0.00	0
TOTAL TEMPORY CONDITIONS	- EXCLODED	0.00	0
Total Division 02 EXISTING CONDITIONS			\$66,346
			0
			0
Division 03 CONCRETE			
FOUNDATIONS			
INTERIOR FLATWORK		0.00	
FLATWORK HOUSEKEEPING PAD 6"	400 SQFT	0.00 9.00	0 3,600
HKP 6" PENTHOUSE	33 SQFT	16.00	528
TOTAL INTERIOR FLATWORK	33 3011	10.00	4,128
CONCRETE MATERIALS			4,720
TOTAL CONCRETE MATERIALS			0
REINFORCING MATERIALS			
TOTAL REINFORCING MATERIALS			0
CONCRETE MISCELLANEOUS	1		
DAILY CLEAN-UP - CONCRETE	2 WKS	1,932.00	3,864
UNLOAD & DISTRIBUTE REBAR	8 MHRS	47.04	376
SAFETY EQUIPMENT - CONCRETE	1 LSUM	1,500.00	1,500
GROUT ANCHOR BOLTS	50 EACH	52.86	2,643
DUMPSTERS	4 EACH	425.00	1,700
TOTAL CONCRETE MISCELLANEOUS Total Division 03 CONCRETE			10,083
Total Division 03 CONCRETE			\$14,211
Division 04 MASONRY			U
Total Division 04 MASONRY			\$0
			0
Division 05 METALS			23.70
STRUCTURAL STEEL			
STRUCTURAL STEEL FABRICATIONS- PUMA	1 LSUM	158,009.00	158,009
EXTERIOR DUCT SUPPORT	18 EACH	229.36	4,128
PIPE SUPPORTS	18 EACH	627.20	11,290
STEEL ERECTION	- INCLUDED	0.00	0
FLOOR AND ROOF PENETRATIONS	- INCLUDED	0.00	0

Project Name: RCx Modifications Detention
Estimate Type: GMP
Project Duration: 12 Months
Project SF: NA
Estimator: John Flanagan

Revision: 2-VE Printed On: 10/31/18 2:31 PM

GMP Addendum

	Description	Quantity	Unit \$	Total \$
	GRATING	- INCLUDED	0.00	6410600
Ĩ	TOTAL STRUCTURAL STEEL STEEL FABRICATIONS		-	173,4
	STEEL FABRICATIONS STEEL FABRICATIONS		0.00	
	STAIRS	- INCLUDED	0.00	
	EXTERIOR GUARDRAIL	- INCLUDED	0.00	
	GROUTING	15 EACH	60.10	0
	MISC. METALS SAFETY EQUIPMENT - STEEL ERECTION	1 LSUM 1 LSUM	2,500.00 2,500.00	2, 2,
	UNLOAD & DISTRIBUTE STEEL ITEMS	1 LSUM	2,500.00	2,
	SAFETY CABLING	200 LNFT	19.00	3.
	SITE IMPROVEMENTS FOR CRANE ACCESS	- EXCLUDED	0.00	
	HOISTING	1 LSUM	2,500.00	2
	TRAFFIC CONTROL TOTAL STEEL FABRICATIONS	4 WKS	1,120.00	4 19
al Divisio	on 05 METALS			\$192,6
	V000 A 24 400 A		_	
	VOOD & PLASTIC ROUGH CARPENTRY AND FRAMING			
,	TOTAL ROUGH CARPENTRY AND FRAMING		_	
al Divisio	on 06 WOOD & PLASTIC			
sion 07 T	HERMAL & MOISTURE PROTECTION			
	DAMPPROOFING AND WATERPROOFING			
	THERMAL AND SOUND INSULATION			
	FIRE STOPPING FIRE STOPPING	1 LSUM	8.000.00	8
	TOTAL FIRE STOPPING	1 ESOW	8,000.00	8
ı İ	MEMBRANE ROOFING			
	MEMBRANE ROOFING- ARAPAHOE ROOFING	7 % 6586	0.00	
	PATCH / REPAIR EXISTING STRUCTURE	1 LSUM	24,522.00	24
	ROOF PROTECTION SAFETY MEASURES FOR ROOFING / LEADING EDGE PROTECTION	5,000 SQFT 1 LSUM	2.96 2,500.00	14
	DUMPSTERS	5 EACH	425.00	2
	TOTAL MEMBRANE ROOFING		_	43
ļ	FLASHING AND SHEET METAL	4 10004	2.500.00	
	MISC. ROOF FLASHINGS TOTAL FLASHING AND SHEET METAL	1 LSUM	3,500.00	3
ľ	JOINT SEALANTS			•
	JOINT SEALANTS	1 LSUM	3,500.00	3
al Divisio	TOTAL JOINT SEALANTS on 07 THERMAL & MOISTURE PROTECTION			3, \$58,9
			_	****
	OOORS & WINDOWS			
	ACCESS DOORS ACCESS DOORS	10 EACH	877.28	8
		10 EACH	877.28	
	ACCESS DOORS	10 EACH	877.28	8 \$8,7
al Divisio	ACCESS DOORS TOTAL ACCESS DOORS on 08 DOORS & WINDOWS	10 EACH	877.28	8
al Divisio	ACCESS DOORS TOTAL ACCESS DOORS	10 EACH	877.28	8
al Divisio	ACCESS DOORS TOTAL ACCESS DOORS on 08 DOORS & WINDOWS SINISHES	10 EACH	877.28	8
al Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS FINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING	- BELOW 250 SQFT	0.00 15.00	\$8,
al Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH	- BELOW 250 SQFT 1 LSUM	0.00 15.00 5,000.00	\$8,
al Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS FINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING	- BELOW 250 SQFT	0.00 15.00	8 \$8,7 5 5
ol Division	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING	- BELOW 250 SQFT 1 LSUM	0.00 15.00 5,000.00	8 \$8,7 5 5
ol Division 09 F	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING	- BELOW 250 SQFT 1 LSUM	0.00 15.00 5,000.00	\$8,:
ol Division 09 F	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET	- BELOW 250 SQFT 1 LSUM	0.00 15.00 5,000.00	8 \$8,7 5 5
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING	- BELOW 250 SQFT 1 LSUM	0.00 15.00 5,000.00	8
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING	- BELOW 250 SQFT 1 LSUM 1 LSUM	0.00 15.00 5,000.00 5,000.00	8 \$8,7 3 5 5 13
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT	- BELOW 250 SQFT 1 LSUM 1 LSUM	0.00 15.00 5,000.00 5,000.00	8 \$8,7 3 5 5 13
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING	- BELOW 250 SQFT 1 LSUM 1 LSUM	0.00 15.00 5,000.00 5,000.00	8 \$8,7 3 5 5 13
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT	0.00 15.00 5,000.00 5,000.00	\$8,7 \$8,7 \$5 \$1 10 18
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS TOTAL EFIS CEILINGS	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT	0.00 15.00 5,000.00 5,000.00 13.74 8.66	8 \$8,7 3 5 5 13 13
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS TOTAL EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT	0.00 15.00 5,000.00 5,000.00 13.74 8.66	8 \$8,7 3 5 5 13 13 4 4
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL HARDLID CEILING PATCH / REPAIR	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT 1,500 SQFT 3,000 SQFT	0.00 15.00 5,000.00 5,000.00 13.74 8.66 18.00	8 \$8,7 13 13 14 4 4
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS INISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS TOTAL EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT	0.00 15.00 5,000.00 5,000.00 13.74 8.66	8 \$8,7 3 5 13 16 18 4 4 4
I Division 09 F	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS TOTAL EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL HARDLID CEILING PATCH / REPAIR SECURITY C EILING PATCH / REPAIR	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT 1,500 SQFT 3,000 SQFT 700 SQFT	0.00 15.00 5,000.00 5,000.00 13.74 8.66 18.00	8 \$8,5 5 \$8,5 13 16 18 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10
I Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL HARDLID CEILING PATCH / REPAIR SCOUNTIC CEILING REPLACE TOTAL CEILINGS PAINTING	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT 1,500 SQFT 3,000 SQFT 700 SQFT 1 LSUM	0.00 15.00 5,000.00 5,000.00 13.74 8.66 18.00 7.00 12.00 24.00 7,500.00	8 \$8,7 3 5 5 13 10 18 4 4 10 36 16 77
ol Division 09 F	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL HARDLID CEILING PATCH / REPAIR SECURITY C EILING PATCH / REPAIR ACOUSTIC CEILING REPLACE TOTAL CEILINGS PAINTING PAINTING PAINTING PAINTING REPAIR	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT 1,500 SQFT 3,000 SQFT 700 SQFT	0.00 15.00 5,000.00 5,000.00 13.74 8.66 18.00	8 \$8,7 3 5 5 5 5 5 5 5 5 5 5 6 7 7 7 0 7 0
ol Division 09 F	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS TOTAL EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL HARDLID CEILING PATCH / REPAIR SECURITY C EILING PATCH / REPAIR ACOUSTIC CEILING REPLACE TOTAL CEILINGS PAINTING - BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT 1,500 SQFT 3,000 SQFT 700 SQFT 1 LSUM	0.00 15.00 5,000.00 5,000.00 13.74 8.66 18.00 7.00 12.00 24.00 7,500.00	8 \$8,7	
ol Division 09 F	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL HARDLID CEILLING PATCH / REPAIR SECURITY C EILING REPLACE TOTAL CEILINGS PAINTING PAINTING PAINTING FINISHES MISCELLANEOUS	- BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT 3,000 SQFT 700 SQFT 700 SQFT 1 LSUM	0.00 15.00 5,000.00 5,000.00 13.74 8.66 18.00 7.00 12.00 24.00 7,500.00	8 \$8,7 3 3 5 5 13 3 6 10 10 3 6 10 7 70 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
al Divisio	ACCESS DOORS TOTAL ACCESS DOORS ON 08 DOORS & WINDOWS SINISHES METAL STUD FRAMING DRYWALL PACKAGE COLD FORMED FRAMING EXTERIOR WALL PATCH MISC. PATCHING TOTAL METAL STUD FRAMING TILING RESILIENT FLOORING CARPET THERMASTAT CONCEALMENT METAL SCHROUDS WIRE MOLDING TOTAL THERMASTAT CONCEALMENT EFIS EFIS TOTAL EFIS CEILINGS ACOUSTIC CEILING RE-INSTALL HARDLID CEILING PATCH / REPAIR SECURITY C EILING PATCH / REPAIR ACOUSTIC CEILING REPLACE TOTAL CEILINGS PAINTING - BELOW 250 SQFT 1 LSUM 1 LSUM 600 LNFT 1,200 LNFT 250 SQFT 1,500 SQFT 3,000 SQFT 700 SQFT 1 LSUM	0.00 15.00 5,000.00 5,000.00 13.74 8.66 18.00 7.00 12.00 24.00 7,500.00	8 \$8,7	

Project Name: RCx Modifications Detention
Estimate Type: GMP
Project Duration: 12 Months
Project SF: NA
Estimator: John Flanagan

Revision: 2-VE Printed On: 10/31/18 2:31 PM

GMP Addendum

Desadelia	Overette	II-is 6	Tatal
Description	Quantity	Unit \$	Total \$
Division 10 SPECIALTIES			
Total Division 10 SPECIALTIES Division 11 EQUIPMENT			\$0
Total Division 11 EQUIPMENT		Ь	\$0
Division 12 FURNISHINGS			
Total Division 12 FURNISHINGS			\$0
Division 13 SPECIAL CONSTRUCTION Total Division 13 SPECIAL CONSTRUCTION		S	\$0
Division 14 CONVEYING SYSTEMS			Ψ
Total Division 14 CONVEYING SYSTEMS			\$0
Division 21 FIRE SUPPRESSION			
FIRE SPRINKLER SYSTEM FIRE SPRINKLER SYSTEM IN MECH ROOM- RAPID FIRE	1 LSUM	29,150.00	29,150
FIRE SPRINKLER MOD ALLOWANCE	1 ALLOWANCE	10,000.00	10,000
TOTAL FIRE SPRINKLER SYSTEM			39,150
Total Division 21 FIRE SUPPRESSION		15	\$39,150
Division 22 PLUMBING PLUMBING SYSTEM			
PLUMBING FIXTURES- MSI	1 LSUM	5,000.00	5,000
PIPING INSULATION	- LSUM	0.00	0
DUMPSTERS TOTAL PLANTING CYCLERA	7 EACH	425.00	2,975
TOTAL PLUMBING SYSTEM Total Division 22 PLUMBING			7,975 \$7,975
Division 23 HVAC			ψ1,510
HVAC SYSTEM		Sale the System American	
DUCTWORK- MSI	1 LSUM	3,548,594.00	3,548,594
TEST & BALANCE TEMPERATURE CONTROLS- JOHNSON CONTROLS	1 LSUM 1 LSUM	24,750.00 664,000.00	24,750 664,000
VE DEDUCTS	1 LSUM	-423,866.00	-423,866
DUCTWORK INSULATION	- INCLUDED	0.00	0
DUCT CLEANING	- INCLUDED	0.00	0
DUMPSTERS	7 EACH	425.00	2,975
AFTER HOURS SUPERVISION TOTAL HVAC SYSTEM	1 LSUM	12,500.00	12,500 3,828,953
Total Division 23 HVAC			\$3,828,953
Division 26 ELECTRICAL		4	
ELECTRICAL BUILDING ELECTRICAL- MERIT	1 LSUM	102,162.00	102,162
LIGHTING	1 LSUM	17,179.00	17,179
MECHANICAL CONNECTIONS	1 LSUM	224,916.00	224,916
ELECTRICAL DEMO	1 LSUM	15,842.00	15,842
AFTER HOURS SUPERVISION	1 LSUM	3,750.00	3,750
TOTAL ELECTRICAL Total Division 26 ELECTRICAL			363,849 \$363,849
Division 27 COMMUNICATIONS			φοσο,στο
COMMUNICATIONS	-		
COMM ALLOWANCE	1 ALLOWANCE	3,500.00	3,500
TOTAL COMMUNICATIONS Total Division 27 COMMUNICATIONS			3,500 \$3,500
Division 28 ELECTRONIC SAFETY & SECURITY			φ3,300
SECURITY SYSTEMS			
TOTAL SECURITY SYSTEMS		· B	0
FIRE DETECTION AND ALARM SYSTEM FIRE ALARM- MERIT / SIMPLEX	1 LSUM	20.807.00	20.907
SMOKE CONTROL	- EXCLUDED	30,807.00 0.00	30,807
TOTAL FIRE DETECTION AND ALARM SYSTEM		313.3	30,807
Total Division 28 ELECTRONIC SAFETY AND SECURITY		e)	\$30,807
Division 31 EARTHWORK		l,	***
Total Division 31 EARTHWORK Division 32 EXTERIOR IMPROVEMENTS		K.	\$0
ASPHALT PAVING			
ASPHALT PAVING	SECOND CONT. 1	0.00	0
ASPHALT REPAIR	- EXCLUDED	0.00	C
TOTAL ASPHALT PAVING SITE CONCRETE			0
SITE CONCRETE PLACE AND FINISH LABOR		0.00	C
SIDE WALK REPAIR	- EXCLUDED	0.00	C
TOTAL SITE CONCRETE			0
Total Division 32 EXTERIOR IMPROVEMENTS		f l	\$0
Division 33 UTILITIES Total Division 33 UTILITIES		L	\$0
Total Emision of Chemico			φυ

Subtotal: \$5,032,948



Trust • Hard Work • Honest • Professional

Laramie County Detention RCx Modifications Cheyenne, Wyoming

CONSTRUCTION CLARIFICATIONS AND ASSUMPTIONS

Our Guaranteed Maximum Price (GMP) Estimate dated October 31ST, 2018 is based on plans and specifications dated August 27th, 2018 provided by IMEG / MKK and Addendum 1 dated September 24th, 2018. Additional Value Engineering items are included as discussed with FCI, IMEG-MKK, Laramie County Owner's Rep, and mechanical & plumbing contractors on October 19th, 2018.

This document is intended to complement the information provided in the detailed estimate.

- All costs are based on standard workdays, eight hours per day, five days per week. An allowance of \$16,250 has been included in the GMP for mechanical and electrical work to be performed after hours. IF ADDITIONAL AFTER-HOURS WORK IS REQUIRED IT IS TO BE FUNDED OUT OF CONTINGENCY.
- To the extent possible, products by specified basis-of-design manufacturers have been included. Use of comparable products or acceptable manufacturers as identified in the project specifications is considered to be in conformance with the project requirements.
- Our proposal is based on a construction start of December 2018 and construction completion in December 2019, pending GMP approval.
- All materials are assumed to be selected from manufacturer's standard colors unless otherwise noted.
- One year warranty is included unless specification state otherwise.

PART 1: Scope Clarifications

General Requirements for the Entire Project

- General Liability Insurance is included
- Performance, labor and material bond costs are included
- Builders Risk Insurance is included
- Preconstruction fee is included
- Construction management fee is included

<u>Division 01 – General Requirements</u>

- Temporary utility costs (Gas, electric, telephone) have been excluded from the GMP. It is assumed all utilities will be monitored from the existing detention system and paid for by Laramie County.
- State and City of Cheyenne Building permit and plan check fees have been excluded from the GMP.
- Supervision, Travel Costs and Temporary Facilities for the project duration are included.
- Weather Protection and Temp Heating has been excluded due to the project being in an occupied and operational detention center.

- Clean up and Recycling costs are included. All recycled material is to be handled by FCI and the associated subcontractors.
 - Recycled material to be property of FCI and associated subcontractors.

Division 02 – Existing Conditions

- X-Ray investigation has been included as specified in the structural documentation.
- Temporary HVAC rental, connections and fuel have been excluded from the GMP. IF REQUIRED THIS IS TO BE FUNDED OUT OF CONTINGENCY.
- It is assumed all building materials and equipment is free from asbestos and all abatement and hazardous material containment has been excluded from the GMP.

Division 03 - Concrete

• Six-inch concrete housekeeping pads are included in the GMP as indicated in the construction documents.

<u>Division 04 – Masonry</u>

N/A

Division 05 - Steel

- The structural steel platform has been included in the GMP. Steel is to be galvanized.
- The duct support as shown on 10/S-500 has been excluded as a value engineering option. The duct is to be supported using Unistrut in lieu of the structural steel. Value engineering option is a savings of \$55,056.
- Pipe supports as shown M7.1 (Piping Roof Support Detail) has been modified for a Unistrut system similar to the duct supports. Value engineering option is a savings of \$14,960.
- We have not anticipated IAS accreditation or certification at this time
- We have not anticipated AISC Certified fabrication or erection at this time

<u>Division 06 – Carpentry</u>

Not applicable

Division 07 – Waterproofing and Roofing

- Exterior wall patch where the AHU-1 duct work enters the chase has been included. Wall is to be finished as specified in addendum #1: 6" metal studs at 16" O.C., R-19 fiberglass batt insulation, 5/8" gypsum wall board-both side with 2" EIFS over exterior gypsum sheathing.
- Roof patching has been included for platform and duct / pipe supports.
- Fire stopping has been included for penetrations at fire walls. It is assumed all new equipment and conduit penetrations will require firestopping.
- An allowance of \$3,500 has been included for miscellaneous flashing.
- An allowance of \$3,500 has been included for joint sealant required.

<u>Division 08 – Doors and Windows</u>

- Ten detention grade access panels have been included. It is anticipated that access doors may be required in gypsum and detention ceilings.
- · There are no door or window modifications specified

Division 09 - Finishes

- It is assumed that most of the acoustic ceiling tile and grid can be removed and re-installed. New acoustic ceiling system(s) have been excluded from the GMP.
 - An allowance of \$7,500 has been included for ceiling tile damages during construction.
- Drywall ceilings and detention ceiling patch for work specified above ceilings has been included.
- An allowance has been included of \$7,500 for miscellaneous paint repair for damages caused during construction.

Division 10 – Specialties

Not applicable

<u>Division 11 – Equipment</u>

Not applicable

Division 12 – Furnishings

Not applicable

Division 13 – Special Construction

Not applicable

<u>Division 14 – Conveyance</u>

Not Applicable- Elevator modifications are not included.

Division 21 – Fire Suppression

- Rework of the fire sprinkler system has been included in the GMP. Work included reassembly of the existing fire sprinkler system in the mechanical room that will need to be removed for equipment demolition.
- An allowance of \$10,000 has been included for fire sprinkler re-work that is required for VAV replacement.

<u>Division 22 – Plumbing Systems</u>

- Furnish and install plumbing system as indicated in the construction documents.
- The emergency eye wash has been included in the GMP.

Division 23 – HVAC Systems

- Duct cleaning has been included for existing Supply Air & Return Air ductwork associated with AHU-1, AHU-2, and MUA-1 (supply air only).
- Mechanical work has been included as indicated in the construction documents.
- Mechanical equipment has been included as indicated in the construction documents.
- M1.1 shows a single room west of Briefing 1068 (GL F-H & 16-13), however
 after investigation it was determined that there are 2 rooms divided by full
 height CMU. The west room (Maintenance) does not have access panels
 installed in the hard lid. It is believed that VAV 1-12 is in the Maintenance
 Room however ceiling will have to be demo' d to confirm and replace.

- It is assumed the duct penetrating through walls, roof, and floors is to remain the same size as existing. Unless noted on the mechanical or structural plans not demolition for next duct work or equipment is included.
- Insulated ductwork has been included as indicated in the construction documents.
- DDC temperature control system has been included as specified.
 - Refer to Division 28 regarding DDC integration to the smoke control system.
- It is assumed that conduit from the existing thermostats can be used for the new thermostats.
 - An allowance has been included for wire molding in administrative areas, and metal shrouds in detention areas.
- Testing, adjusting and balancing of the mechanical systems has been included when project is complete. Testing and balance has not been included for intermediate phases nor initial existing systems baseline.
- We have not anticipated Web-enabled, programmable thermostats is required at this time
- Commissioning and commissioning coordination have been excluded from the GMP.
- Building Informational Modeling (BIM) and system coordination drawings have been excluded from the GMP.
- Value Engineering Options and Clarification.
 - The boilers warranty period has been reduced from 5 years to the standard 1-year warranty. Value engineering option is a savings of \$50,600.
 - The boilers quantity has been reduced to 3 in lieu of the 4 indicated.
 This eliminates the N+1 redundancies. Value engineering option is a savings of \$109,530.
 - The generator exhaust duct work has been deleted. Value engineering option is a savings of \$30,909.
 - Insulation of the mechanical duct work on the roof has been modified to a standard lined and sealed duct. Value engineering option is a savings of \$186,962.
 - Laramie County is to purchase the boiler, air handlers, and chiller directly through the mechanical contractor. This is to eliminate the sales tax imposed on purchasing of the equipment. Value engineering option has a savings of \$45,865.

<u>Division 26 – Electrical</u>

- Furnish and install electrical system as indicated in the construction documents.
- Temporary power and lighting during construction has been excluded from the GMP.
 - Temporary lighting in the mechanical room has been included.
- It is assumed all existing electrical systems are code compliant and rework to the existing system has been excluded.
- Electrical work has been priced as shown in the construction documentation. Construction contingence funds may be used if additional work is required after field investigation.
- Switchgear and power distribution has been included as indicated in the construction documents.

- Hot work has been excluded. Detention Center should anticipate electrical shutdowns for new power distribution systems. FCI to coordinate shutdowns with Detention center and construction team.
- Temporary generator has been excluded for power shut downs.
- Power for mechanical system components is included in the GMP.
- Generator and fuel for construction activities is excluded. It is assumed
 construction activities power is to run of the existing power. and electrical
 consumption is to be paid for by the facility.
- Building electrical consumption during construction is to be paid for by the owner. Separate metering has been excluded from the GMP.
- We have not anticipated UPS system is required at this time
- We have not anticipated Lightning protection system is required at this time
- We have not anticipated Cathodic protection is required at this time
- We have not anticipated Electrical system circuit tracing & metering study is required at this time
- Commissioning and commissioning coordination have been excluded from the GMP.
- Building Informational Modeling (BIM) and system coordination drawings have been excluded from the GMP.

<u>Division 27 – Communications</u>

 An allowance of \$3,500 has been included for communications cabling required for the temperature controls system. The allowance is intended to run cable from an existing communication system.

<u>Division 28 – Electronic Safety & Security</u>

- Fire alarm system has been included as specified in the construction documents.
- Fire alarm design incorporation to the existing system has been excluded.
- Temporary fire alarm and smoke control systems' have been excluded.
 - The fire alarm system will require shut downs for the scope defined. Fire watch is to be performed by Laramie County Detention facilities.
- It is assumed all the duct smoke detectors are existing and wired back to the Fire Alarm Control Panel (FACP). Duct smoke detectors have been excluded.
- New fire system, design, and installation has been excluded. It is assumed that current fire alarm meets code and City of Cheyenne requirements.
- Smoke evacuation / smoke control upgrades have been excluded from the GMP. At the current time further coordination and determination of scope is required.
 - Based on a high-level budget provided by Simplex & Merit electric.
 The smoke evacuation / smoke control upgrades could cost \$82,000.
 The actual cost may exceed the allowance stated. IF THE SMOKE
 EVAC / CONTROL IS REQUIRED WORK IS TO BE FUNDED OUT OF
 OWNER'S CONTINGENCY.

<u>Division 31 – Earthwork</u>

Not applicable

<u>Division 32 – Exterior Improvements</u>

- Site access for the crane has been excluded from the GMP. IF SITE ACCESS FROM THE CRANE IS REQUIRED IT IS TO BE FUNDED FROM CONTINGENCY.
- Street and sidewalk repairs caused by the crane have been excluded from the GMP. IF REPAIRS ARE REQUIRED TO THE STREET AND SIDEWALKS DUE TO DAMAGES CAUSED BY THE CRANE THIS IS TO BE FUNDED OUT OF CONTINGENCY.

Division 33 – Utilities

Not applicable

<u>PART 2: Summary of Items Not Included in FCI's Proposal which are Anticipated to be By Others:</u>

- FCI assumes use of owner's water, natural gas, electricity, at no cost to FCI
- As-built survey for use in title work (Alta survey)
- Deductibles for Builder's Risk, if required
- Electrical service to primary transformer and service design fees
- Materials testing & inspections
- Commissioning agents

PART 3: Summary of Items Specifically Excluded from FCI's Proposal:

- Permit fees outside of those identified in GMP proposal
- Hazardous material abatement

Schedule Addendum

Laramie County RCx Schedule		SBDC		Current Date 21-Dec-18 Data Date 10-Dec-18
Activity ID	Activity Name	Original Duration Start	Finish	D
Laramie Count	County RCx Schedule	245 10-Dec-18	26-Nov-19	
Overall Project Milestones	ct Milestones	245 10-Dec-18	26-Nov-19	26-1
A1000	GMP Approval	1 10-Dec-18*	10-Dec-18	GMP Approval
A1010	Submittal Process	25 10-Dec-18	17-Jan-19	Submittal Process
A1020	Lead Time VAV	40 18-Jan-19	14-Mar-19	Lead Time VAV
A1030	Lead Time Air Handler	60 18-Jan-19	11-Apr-19	Lead Time Air Handler
A1770	BAS Lead Time	35 18-Jan-19	07-Mar-19	BAS Lead Time
A1800	Lead Time MEP Equipment	25 18-Jan-19	21-Feb-19	Lead Time MEP Equipment
A1270	Substantial Completion	5 20-Nov-19	26-Nov-19	gns
Construction		224 07-Jan-19	19-Nov-19	▶
Head End Unit		20 08-Mar-19	04-Apr-19	▼ • • • • • • • • • • • • • • • • • • •
A1750	BAS Head End Unit Install	20 08-Mar-19*	04-Apr-19	BAS Head End Unit Install
First Floor		139 07-Jan-19	22-Jul-19	▼ 22-Jul-19, First Floor
A1790	Investigate Existing Conditions	15 07-Jan-19*	25-Jan-19	Investigate Existing Conditions
A1810	Install/Coordinate Valves for Hydronic Shutdowns	20 07-Jan-19	01-Feb-19	Install/Coordinate Valves for Hydronic Shutdowns
A1780	Conduit Pathway for New Electrical Circuits	20 28-Jan-19	22-Feb-19	Conduit Pathway for New Electrical Circuits
A1040	Conduit Pathway BAS to VAV	15 25-Feb-19*	15-Mar-19	Conduit Pathway BAS to VAV
A1070	Install New Electrical Circuits VAV	15 25-Feb-19	15-Mar-19	Install New Electrical Circuits VAV
A1100	Conduit Pathways from BAS to Thermostats	20 25-Feb-19	22-Mar-19	Conduit Pathways from BAS to Thermostats
A1130	Architectural Demo & Repair As Required	59 25-Feb-19	16-May-19	Architectural Demp & Repair As Required
A1050	Conduit Pathway to Dampers	10 18-Mar-19	29-Mar-19	Conduit Pathway to Dampers
A1080	Conduit Pathway to Fire and/or Smoke Damper	15 18-Mar-19	05-Apr-19	Conduit Pathway to Fire and/or Smoke Damper
A1060	Pull Wire from BAS to Damper	20 05-Apr-19	02-May-19	Pull Wire from BAS to Damper
A1120	Pull Wire from BAS to Thermostats/Devices	15 05-Apr-19	25-Apr-19	Pull Wire from BAS to Thermostats/Devices
A1090	Pull Wire for Fire and/or Smoke Damper	10 08-Apr-19	19-Apr-19	Pull Wire for Fire and/or Smoke Damper
A1110	Install Fire and/or Smoke Dampers and Hookup Controls	20 22-Apr-19	17-May-19	Install Fire and/or Smoke Dampers and Hookup Control
A1140	Install New Thermostats	15 26-Apr-19	16-May-19	Install New Thermostats
A1150	Change out Hydronic Valves	20 17-May-19	14-Jun-19	Change out Hydronic Valves
A1160	Demo VAV Units	30 17-May-19	28-Jun-19	Demo VAV Units
A1170	Install New VAV Units & Connect Controls	30 24-May-19	08-Jul-19	Install New VAV Units & Connect Controls
A1260	Commission System	10 09-Jul-19	22-Jul-19	Commission System
Second Floor		124 25-Feb-19	19-Aug-19	▼ 19-Aug-19, Second Floor
A1830	Conduit Pathway for New Electrical Circuits	20 25-Feb-19	22-Mar-19	Conduit Pathway for New Electrical Circuits
A1280	Conduit Pathway BAS to VAV	20 25-Mar-19*	19-Apr-19	Conduit Pathway BAS to VAV
Actual Work	◆ Milestrine	2.50 L 0.20 C		Date Revision Checked Approved
Remaining Work		rage i oi o		
Critical Remaining Work				

Schedule Addendum

Activity ID A1 A1 A1 A1 A1 A1 A1 A1 A1	Activ	Activity Name	Original Duration Start	Finish		
4 4					$\overline{}$	2201220112001220
4 4	A1320 Conc	Conduit Pathways from BAS to Thermostats	20 25-Mar-19	19-Apr-19		Conduit Pathways from BAS to Thermostats
A A A A A	A1290 Archi	Architectural Demo & Repair As Required	59 25-Mar-19	14-Jun-19		Architectural Demo & Repair As Required
Y	A1310 Conc	Conduit Pathway to Fire and/or Smoke Damper	30 08-Apr-19	17-May-19		Conduit Pathway to Fire and/or Smoke Damper
A A A	A1340 Conc	Conduit Pathway to Dampers	20 22-Apr-19	17-May-19		Conduit Pathway to Dampers
A1	A1300 Insta	Install New Electrical Circuits VAV	15 22-Apr-19	10-May-19		Install New Electrical Circuits VAV
A	A1350 Pull V	Pull Wire from BAS to Thermostats/Devices	15 22-Apr-19	10-May-19		Pull Wire from BAS to Thermostats/Devices
	A1370 Insta	Install New Thermostats	30 13-May-19	24-Jun-19		Install New Thermostats
A1	A1380 Pull V	Pull Wire from BAS to Damper	20 20-May-19	17-Jun-19		Pull Wire from BAS to Damper
A1	A1360 Pull V	Pull Wire for Fire and/or Smoke Damper	10 20-May-19	03-Jun-19		Pull Wire for Fire and/or Smoke Damper
A1	A1390 Insta	Install Fire and/or Smoke Dampers and Hookup Controls	30 04-Jun-19	16-Jul-19		Install Fire and/or Smoke Dampers and
A1	A1330 Char	Change out Hydronic Valves	20 17-Jun-19	15-Jul-19		Change out Hydronic Valves
A1	A1400 Dem	Demo VAV Units	30 17-Jun-19	29-Jul-19		Demo VAV Units
A1	A1410 Insta	Install New VAV Units & Connect Controls	30 24-Jun-19	05-Aug-19		Install New VAV Units & Connect C
A1	A1420 Com	Commissioning	10 06-Aug-19	19-Aug-19		Commissioning
Thire	Third Floor		169 25-Mar-19	19-Nov-19		ON-61
A1	A1840 Conc	Conduit Pathway for New Electrical Circuits	20 25-Mar-19	19-Apr-19		Conduit Pathway for New Electrical Circuits
A1	A1430 Conc	Conduit Pathway BAS to VAV	20 22-Apr-19*	17-May-19		Conduit Pathway BAS to VAV
A1	A1450 Conc	Conduit Pathways from BAS to Thermostats	20 22-Apr-19	17-May-19		Conduit Pathways from BAS to Thermostats
A1	A1440 Archi	Architectural Demo & Repair As Required	59 22-Apr-19	15-Jul-19		Architectural Demo & Repair As Require
A1	A1480 Conc	Conduit Pathway to Dampers	20 20-May-19	17-Jun-19		Conduit Pathway to Dampers
A	A1490 Insta	Install New Electrical Circuits VAV	15 20-May-19	10-Jun-19		Install New Electrical Circuits VAV
A1	A1470 Conc	Conduit Pathway to Fire and/or Smoke Damper	30 20-May-19	01-Jul-19		Conduit Pathway to Fire and/or Smoke Dam
A1	A1500 Pull V	Pull Wire from BAS to Thermostats/Devices	15 20-May-19	10-Jun-19		Pull Wire from BAS to Thermostats/Devices
A1	A1730 Pull V	Pull Wirefor VAV	5 20-May-19	24-May-19		□ Pull Wirefor VAV
A1	A1530 Insta	Install New Thermostats	30 11-Jun-19	23-Jul-19		Install New Thermostats
A1	A1540 Pull V	Pull Wire from BAS to Damper	20 18-Jun-19	16-Jul-19		Pull Wire from BA\$ to Damper
A1	A1550 Pull V	Pull Wire for Fire and/or Smoke Damper	10 02-Jul-19	16-Jul-19		Pull Wire for Fire and/or Smoke Damper
A1	A1460 Char	Change out Hydronic Valves	20 16-Jul-19	12-Aug-19		Change out Hydronic Valves
A1	A1560 Insta	Install Fire and/or Smoke Dampers and Hookup Controls	30 17-Jul-19	27-Aug-19		Install Fire and/or Smoke Da
A1	A1740 Dem	Demo VAV Units	30 13-Aug-19	24-Sep-19		Demo VAV Units
A1	A1520 Insta	Install New VAV Units & Connect Controls	30 25-Sep-19	05-Nov-19		Install Nev
A1	A1570 Com	Commissioning	10 06-Nov-19	19-Nov-19		Omm
Four	Fourth Floor		100 11-Jun-19	30-Oct-19		30-Oct-19,
A1	A1850 Conc	Conduit Pathway for New Electrical Circuits	20 11-Jun-19	09-Jul-19		Conduit Pathway for New Electrical Circuit
A1	A1590 Conc	Conduit Pathway BAS to VAV	20 10-Jul-19*	06-Aug-19		Conduit Pathway BAS to VAV
Actual Work	/ork	estone	Page 2 of 3		Date	Revision Checked Approved
Remaining Work		Summary	1			
Critical R	Critical Remaining Work				_	

Schedule Addendum

Laramie County RCx Schedule	chedule		SBDC		Current Date 21-Dec-18	c-18 Data Date 10-Dec-18
Activity ID	Activity Name	Original Duration	Start	Finish 120		A
A1630	Conduit Pathway to Dampers	20	10-Jul-19	06-Aug-19		3
A1650			10-Jul-19	20-Aug-19		Conduit Pathway to Fire and/or
A1610		20	10-Jul-19	06-Aug-19		Conduit Pathways from BAS to Th
A1600		26	10-Jul-19	01-Oct-19		Architectural Demo
A1580	Demo VAV Units	30	16-Jul-19	26-Aug-19		Demo VAV Units
A1690	Pull Wire from BAS to Damper	20	07-Aug-19	04-Sep-19		Pull Wire from BAS to Dam
A1640	Install New Electrical Circuits VAV	15	07-Aug-19	27-Aug-19		Install New Electrical Circuits
A1660	Pull Wire from BAS to Thermostats/Devices	15 (07-Aug-19	27-Aug-19		Pull Wire from BAS to Therm
A1620	Change out Hydronic Valves	20	13-Aug-19	10-Sep-19		Change out Hydronic Val
A1700	Pull Wire for Fire and/or Smoke Damper	10	21-Aug-19	04-Sep-19		Pull Wire for Fire and/or Sr
A1680	Install New Thermostats	30	28-Aug-19	09-Oct-19		Install New Thern
A1670	Install New VAV Units & Connect Controls	30	28-Aug-19	09-Oct-19		LINSTAIL New VAV U
A1710	Install Fire and/or Smoke Dampers and Hookup Controls	30	05-Sep-19	16-Oct-19		Install Fire and/
A1720	Commissioning	10	17-Oct-19	30-Oct-19		Commission
BOP & Roof	Roof	159	14-Jan-19	26-Aug-19		▼ 26-Aug-19, BOP & Roof
A1820	Conduit Pathway from Main Elec Room to Fourth Floor	15	14-Jan-19	01-Feb-19	Conduit Pathway fror	Conduit Pathway from Main Elec Room to Fourth Floor
A1870	Fire Alarm/Smoke Control Modifications TBD	40	04-Mar-19*	26-Apr-19		Fire Alarm/Smoke Control Modifications TBD
A1860	MEP Modifications at Laundry Room	20	11-Mar-19*	05-Apr-19		MEP Modifications at Laundry Room
A1180	New Mechanical Platform at Roof	10	29-Mar-19	11-Apr-19		New Mechanical Platform at Roof
A1190	Install New Mech Equip (Assoc. MEP) at New Platform	75	12-Apr-19	16-May-19		Install New Mech Equip (Assoc. MEP) at New Platform
A1250	Modify MEP in Chase and Rooftop Duct	75	12-Apr-19	16-May-19		Modify MEP in Chase and Rooftop Duct
A1760	Duct Supports at Roof	10	12-Apr-19	25-Apr-19		Duct Supports at Roof
A1200	Demo Existing AHU, Boiler, and Assoc. MEP at First Floo	72	17-May-19	21-Jun-19		Demo Existing AHU, Boiler, and Assoc. MEP at
A1220	Demo at Penthouses, Basement, BOP	75	17-May-19	21-Jun-19		Demo at Penthouses, Basement, BOP
A1510) Patch Roof	2	17-May-19	23-May-19		□ Patch Roof
A1880	Clean Ducts Entire Building	20	17-May-19	14-Jun-19		Clean Ducts Entire Building
A1210	Install New Boilers and Assoc. MEP Equipment First Floor	35	24-Jun-19	12-Aug-19		Install New Boilers and Assoc. M
A1230	Install New Equipment at Penthouses, Basement, BOP	35	24-Jun-19	12-Aug-19		Install New Equipment at Penthor
A1240) Commissioning	10	13-Aug-19	26-Aug-19		Commissioning
North Morly	Milotetono				Date	Revision Checked Approved
Remaining Work Critical Remaining Work			Page 3 of 3	7.		

SIGNATURE PAGE

ADDENDUM TO THE AGREEMENT BETWEEN LARAMIE COUNTY AND FCI CONSTRUCTORS OF WYOMING, LLC, FOR THE PRE-CONSTRUCTION AND CONSTRUCTION PHASE SERVICES FOR LARAMIE COUNTY DETENTION CENTER HVAC RETRO-COMMISSIONING MODIFICATIONS

This Addendum clarifies the Construction Budget per Section 2 and the Guaranteed Maximum Price (GMP) per Section 3d shown on page 1 of the original contract documents. The Substantial and Final completion dates have also been clarified on page 6 of the original contract and per the attachments herein for the Detention Center HVAC Retro-commissioning Modifications project. All other contract provisions remain unchanged. This Addendum including signature page is sixteen (16) pages.