

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR:

Upgrade HVAC and BAS System
Community Supervision Center
Missouri Department of Corrections
Poplar Bluff, Missouri
Project No: C1911-01

Bid Opening Date is UNCHANGED: 1:30 PM, Tuesday, October 20, 2018

BIDDERS ARE HEREBY INFORMED THAT THE CONSTRUCTION PLANS AND/OR SPECIFICATIONS ARE MODIFIED AS FOLLOWS:

DRAWINGS:

1. Sheet M-601

- a. **REVISE PUMP SCHEUDLE** – Pumps shall be separately coupled. (See attached)
 - i. REVISE pump type, water flow, and head pressure
 - ii. REVISE Note 1 as follows: Variable speed drive shall be provided by EC.
- b. **REVISE CHILLER SCHEDULE** (See attached)
 - i. REVISE capacity, water flow and electrical data
 - ii. DELETE Note 11: Modulating Digital Scroll Option
- c. **REVISE CHILLED WATER COIL SCHEDULE** (See attached)
 - i. REVISE airflows, total and sensible capacities, and water flows.
 - ii. Add Note 4: Chilled water coil measurements are the measurements of the specific coil specified. The case dimensions are larger at roughly 68 x 44 (outside dimension) but must be verified by contractor.

GENERAL:

1. The Pre-Bid Meeting was held at the Poplar Bluff Community Supervision Center Building at 9:00 am CST, October 6, 2020.
2. The deadline for technical questions was October 13, 2020 at noon.
3. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
4. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
5. Current Planholders list available online at: <https://www.adsplanroom.net/jobs/620/plan-holders/c1911-01-upgrade-hvac-bas-community-supervision-center-missouri-dept-of-corrections-poplar-bluff>
6. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.

7. **All bids shall be submitted on the bid forms without additional terms and conditions, modifications, or stipulations. Each space on the bid forms shall be properly filled. Failure to do so will result in rejection of the bid.**
8. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. All MBE, WBE, and MBE/WBE contractors, subcontractors, and suppliers must be certified by the State of Missouri, Office of Equal Opportunity. No other certifications from other Missouri certifying agencies will be accepted. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**
9. Bidders needing additional site inspection should contact Scott Emmerich at 573-751-7383 or 573-291-2784 to schedule a time.
10. Please contact Paul Girouard, Contract Specialist, at 573-751-4797 or Paul.Girouard@oa.mo.gov for questions about bidding procedures and MBE\WBE\SDVE goals and submittal requirements.

ATTACHMENTS:

1. ATTACHMENT AD-1, Revised Chiller Schedule
2. ATTACHMENT AD-2, Revised Chilled Water Coil Schedule
3. ATTACHMENT AD-3, Revised Pump Schedule
4. Pre-Bid Meeting Attendance Record

October 13, 2020

END OF ADDENDUM NO. 1

CHILLER SCHEDULE

PLAN MARK	MANUFACTURER	MODEL NO	CAPACITY		EPR	WATER FLOW (GPM)	EVAPORATOR		MIN. WATER FLOW (GPM)	QTY	TYPE	COMPRESSOR		FLUID	NOTES				
			TONS	HP			EVITE (KVA)	EVITE (KVA)				RATED LOAD (HP)	LOCKED-ROTOR (AMP)			SINGLE POINT POWER (KVA)	PROPYLENE (GPM)		
CH-1	TRANE	CGAM	80	15.4	10.7	142	54	44	24	67	4	SCROLL	50.2	351	208/3	257	300	30%	ALL

NOTES:

- ① SINGLE POINT POWER CONNECTION WITH DISCONNECT.
- ② SINGLE POINT POWER CONNECTION WITH DISCONNECT.
- ③ FACTORY CONTROL PANEL WITH TOUCHSCREEN AND BAGNET INTERFACE.
- ④ FACTORY INSULATION PACKAGE.
- ⑤ HIGH EFFICIENCY PERFORMANCE.
- ⑥ STANDARD COOLING APPLICATION.
- ⑦ REFRIGERANT SERVICE VALVES.

⑧ FAN VFD CONTROL
⑨ RATINGS BASED ON 30% POLYPROPYLENE

SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS

PRODUCT LISTED IS BASIS OF DESIGN ONLY

TITLE: ADDENDUM 1	DRAWN BY:MRH	ATTACHMENT AD-1
PROJECT: POPLAR BLUFF CSC HVAC UPGRADES	CHECKED BY:MRH	
PROJECT No: C1911-01	DATE: 10-13-20	

CHILLED WATER COIL

PLAN MARK	MANUFACTURER	MODEL	AMBELOW (SQ FT)	TOTAL CAPACITY (GAL)	SERVABLE CAPACITY (GAL)	AIR TEMPERATURE		FACE VELOCITY (FPM)	AIR PD (WGS)		H ₂ O TEMPERATURE		GPM	H ₂ O PD (WGS)	PROP. GLYCOL	ROWS	PI	TUBE DIAMETER (IN)	TUBE MATERIAL	FIN MATERIAL	WEIGHT (LBS)	DIMENSIONS (IN)	REMARKS
						DBE (WB)	LB (WB)		PD (WGS)	PD (WGS)	LWT (IN)												
CWC1	MARLO	6WZ2-51-569F-11-184-L-10-R-0	5700	283	178	22.188-1	55.054-3	480	0.5"	42	52	16.6"	61	16.6"	30%	6	9	5/8	CU.035	AL.010	335	51" X 33.4" I	ALL
CWC-2	MARLO	5WZ2-51-569F-11-184-L-10-R-0	5700	289	168	22.188-1	55.054-3	480	0.5"	42	52	37	16.6"	30%	6	9	5/8	CU.035	AL.010	335	51" X 33.4" I	ALL	
CWC-3	MARLO	6WZ2-51-569F-11-184-L-10-R-0	5400	274	151	22.188-1	55.054-3	480	0.5"	42	52	33	16.6"	30%	6	9	5/8	CU.035	AL.010	335	51" X 33.4" I	ALL	

NOTES:
 ① CONTRACTOR TO VERIFY UNIT SIZES
 ② ALTERNATE MANUFACTURERS HEATDRAFT AND USA COIL
 ③ PER SELECTION FROM 2015 ASHRAE HANDBOOK
 ④ CHILLED WATER COIL MEASUREMENTS ARE THE MEASUREMENTS OF THE SPECIFIC COIL SPECIFIED. THE CASE DIMENSIONS ARE LARGER AT APPROX. 1.8" X 4.4" (OUTSIDE DIMENSION) BUT MUST BE VERIFIED BY CONTRACTOR.

SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS

PRODUCT LISTED IS BASIS OF DESIGN ONLY

TITLE: ADDENDUM 1

DRAWN BY:MRH

ATTACHMENT

PROJECT: POPLAR BLUFF CSC HVAC UPGRADES CHECKED BY:MRH

AD-2

PROJECT No: C1911-01

DATE: 10-13-20

PUMP SCHEDULE

PLAN MARK	MANUFACTURER	MODEL	TYPE	GPM	HEAD IN FT.	PUMP HP	PUMP RPM	ELECTRICAL VOLT/PH	WEIGHT (lbs)	REMARKS
CWP-1	TACO	F12509D	BASE MOUNTED END SUCTION	151	52	5	1750	208/3	343	ALL
CWP-2	TACO	F12509D	BASE MOUNTED END SUCTION	151	52	5	1750	208/3	343	ALL

NOTES:
 ① VARIABLE SPEED DRIVE PROVIDED BY EC.
 ② FLECTION DIFFUSER.
 ③ HEAVY DUTY BASE PLATE.

SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS

PRODUCT LISTED & BASIS OF DESIGN ONLY

TITLE: ADDENDUM 1

DRAWN BY:MRH

ATTACHMENT

PROJECT: POPLAR BLUFF CSC HVAC UPGRADES CHECKED BY:MRH

AD-3

PROJECT No: C1911-01

DATE: 10-13-20

ATTENDANCE RECORD



Project Name: Poplar Bluff CSC HVAC Upgrades

Project No.: C1911-01

Meeting Description: Pre-Bid

Date: 10/6/2020

Time: 9AM

Place: Poplar Bluff CSC

Attendees

	Name	Company	Phone & E-mail Address
1.	Christopher Lloyd	OA-FMDC	573-526-0160
2.	Kevin Hultberg	OA/FMDC	636-524-9402
3.	Scott Emmerich	OOC	573-291-2784
4.	Joe Coffelt	Doc	573-522-4678
5.	JEFF GANDS	MSI CONST.	417-881-0903
6.	Ryan Buffington	Buffington Brothers	573-785-6268
7.	Lee Miller	" "	" " "
8.	Scott Scherer	Scemas	314 701 6948
9.	JEFF WALKER	ABM	314-865-3000
10.	TREVA STANDA	VCC	913 710 8009
11.	Alice Woods	IFS	814-501-4303
12.	Dan Renfro	Airco Service Co	616-781-1453 Dan@aircosc.com
13.	MIKE HOFF	BRIC	314-914-9927
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