

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **June 30, 2021**.

**AMENDMENT TO OWNER-ENGINEER AGREEMENT**  
**Amendment No.   2**

The Effective Date of this Amendment is:           , 2022

Background Data

Effective Date of Owner-Engineer Agreement: June 30, 2021

Owner: Town of Johnstown

Engineer: AQUA Engineering

Project: Central Wastewater Treatment Plant Project

Nature of Amendment: [Check those that are applicable and delete those that are inapplicable.]

- Additional Services to be performed by Engineer
- Modifications to services of Engineer
- Modifications to responsibilities of Owner
- Modifications of payment to Engineer
- Modifications to time(s) for rendering services
- Modifications to other terms and conditions of the Agreement

Description of Modifications:

***See Attachment 1 to this Exhibit K which defines the scope of additional services in this Amendment No. 2.***

***Construction Phase Services: \$716,472.00 adder***

***SCADA Programming: \$357,241.00 adder***

Agreement Summary:

Original agreement amount:	<u>\$ 1,800,000.00</u>
Net change for prior amendments:	<u>\$ 50,000.00</u>
This amendment amount:	<u>\$ 1,016,537.00</u>
Adjusted Agreement amount:	<u>\$ 2,866,537.00</u>

Change in time for services (days or date, as applicable): Services through Construction Final Completion (per current Moltz GMP, there are 28-months from Notice-to-Proceed to substantial completion and 5-months between substantial completion and final completion; 33-months total).

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect.

OWNER:

ENGINEER

By: \_\_\_\_\_

Print  
name: \_\_\_\_\_

Title: \_\_\_\_\_

Date Signed: \_\_\_\_\_

By:  \_\_\_\_\_

Print  
name: Bob Frchetti, P.E.

Title: Principal

Date Signed: March 8, 2023



Town of Johnstown, Central Treatment Facility Additional Services, Construction Engineering Services, SCADA Programming Services

March 8, 2023

TASKS AND SUBTASKS		LEVEL OF EFFORT (hours)												Total AQUA Hours	Total AQUA Labor \$	Direct Expenses	AQUA Expenses and Subs Markup	Total AQUA Fee	
		PIC	Sr. Process Eng / PM	Sr. Process Eng	Engineer II	Principal Electrical & Controls Eng.	Electrical/ Controls Engineer III	Controls Engineer I	Principal Structural Engineer	Sr. Designer	Designer	Senior RPR/ Construction Specialist	SKM Clerical						Project Admin/ Coordinator
		Bob Frchetti Justin Logan	Craig Matsuda	Boris Petkovic	Mitchell Weidon Michael Maughan	Ryan Pack	Thomas VanHook	Bob Buckner	Darin Hawkes	Keith Rindt Kenneth Baetz	Derek Hyde	Mike Fallentine	SKM Clerical	Ernestine Trujillo					
		\$227/hr	\$221/hr	\$206/hr	\$185/hr	\$227/hr	\$206/hr	\$148/hr	\$227/hr	\$142/hr	\$132/hr	\$169/hr	\$100/hr	\$100/hr					10%
<b>7</b>	<b>Construction Engineering - Assumes CMAR Delivery</b>	<b>265.5</b>	<b>1685</b>	<b>329</b>	<b>1979</b>	<b>300</b>	<b>796</b>		<b>39</b>	<b>209</b>	<b>200</b>	<b>1237</b>	<b>4</b>	<b>302</b>	<b>7345.5</b>	<b>\$1,402,003</b>	<b>\$40,215</b>	<b>\$4,021</b>	<b>\$1,446,239</b>
	Contract Duration (weeks)	143																	
		\$60,185	\$373,085	\$67,642	\$365,151	\$68,006	\$163,658		\$8,841	\$29,749	\$26,359	\$208,679	\$401	\$30,250					
	<b>Project Management and Quality Assurance /Quality Control</b>	72	143	143										143	501	\$91,595	\$200	\$20	\$91,815
	<b>Construction Contract Administration</b>																		
	Construction Contract Execution, NTP, Schedules Review, Conformance, Design Approval	4	40	10		10	40			40	80	4		2	230	\$39,422			\$39,422
	Attend Construction Meetings (156 (weekly) meetings, 1 hr per meeting)		143		143	36									322	\$66,208			\$66,208
	Engineer Visits to the Site (same day as meetings, plus one visit/ week by Eng II, assumes most travel already covered by Low Point Project while it is in construction)	80	540		540	96									1256	\$259,098	\$18,612	\$1,861	\$279,571
	RFI's , Field Orders, Submittals, VE and Change Order/ Contingency Mgmt	78	624	156	1248	78	624		39	49	80				2976	\$590,525			\$590,525
	PLC Submittals and Testing					40	80						4		124	\$25,916	\$2,000	\$200	\$28,116
	Pay Application Review and Recommendation		99												132	\$27,487			\$27,487
	Substantial Completion/ Punchlist	8	20		20	8	8							2	66	\$13,591	\$330	\$33	\$13,954
	Start-up Assistance (in addition to regular office time/ site visits)	8	36	8	20	16	16							2	106	\$22,236			\$22,236
	Final Completion/ Punch List	8	8		8	4	8							2	38	\$7,813	\$330	\$33	\$8,176
	As-Built Documentation		12	12		4	20			120	40	40		4	252	\$39,644			\$39,644
	Post Construction/Warranty Phase Services	8	20			8						16		4	56	\$11,155	\$330	\$33	\$11,518
	<b>RPR Services (assumed 8 hrs/wk, leverages Low Point)</b>											1144		143	1287	\$207,313	\$18,412	\$1,841	\$227,566
<b>9</b>	<b>SCADA PROGRAMMING SERVICES</b>					<b>115</b>	<b>28</b>	<b>1630</b>					<b>49</b>	<b>24</b>	<b>1846</b>	<b>\$279,743</b>	<b>\$77,498</b>		<b>\$357,241</b>
						\$26,069	\$5,757	\$240,605					\$4,908	\$2,404					
	<b>SCADA &amp; PLC Programming, Computer Hardware &amp; Software</b>																		
	PLC Programming and Software					27		532					14		573	\$86,052	\$5,725		\$91,777
	SCADA Computer and Software					1		12					1		14	\$2,098	\$57,150		\$59,248
	SCADA Programming					27		532					14		573	\$86,052			\$86,052
	Alarm System/Autodialer Programming					3		52					2		57	\$8,556			\$8,556
	<b>Fat Test</b>																		
	Submittal reviews By Controls Group					10	20	40					2		72	\$12,484			\$12,484
	FAT Plan Review					4	8						1	2	15	\$2,852			\$2,852
	FAT test					42							2		44	\$9,721	\$1,570		\$11,291
	<b>Start-up/ Training and Record Drawings</b>																		
	I/O Testing							114					3		117	\$17,128	\$3,553		\$20,681
	Commisioning							324					9	2	335	\$48,928	\$9,500		\$58,428
	Training							12							12	\$1,771			\$1,771
	Record Drawings					1		12					1	20	34	\$4,101			\$4,101
<b>Fee Summary</b>		<b>Task Hours</b>												<b>9,192</b>	<b>1,681,746</b>	<b>117,713</b>	<b>4,021</b>	<b>\$1,803,480</b>	
		<b>265.5</b>	<b>1685</b>	<b>329</b>	<b>1979</b>	<b>415</b>	<b>824</b>	<b>1630</b>	<b>39</b>	<b>209</b>	<b>200</b>	<b>1237</b>	<b>53</b>						<b>326</b>
		<b>Task Fees</b>																	
		<b>\$60,185</b>	<b>\$373,085</b>	<b>\$67,642</b>	<b>\$365,151</b>	<b>\$94,075</b>	<b>\$169,414</b>	<b>\$240,605</b>	<b>\$8,841</b>	<b>\$29,749</b>	<b>\$26,359</b>	<b>\$208,679</b>	<b>\$5,309</b>	<b>\$32,653</b>					