

CONTRACT MODIFICATION CHI2NIHILL CITY OF APPLETON, WISCONSIN

X CHANGE ORDER	WR	RITTEN AME	NDMENT	MODIFICATION	N NO ¹ :	002	
TO CONTRACTOR: Staab Co	onstruction	Corporation					
PROJECT: Regulatory Up	grade and	Process In	nprovem	ent_PROJECT NO:	468399		
OWNER: City of Appleton							
ENGINEER: CH2MHILL							
The following modification(s See RFQ Log attached. Include				dered (use additiona	l pages if	required);	
Reason for Modification(s): Various. See RFQs 7 through	22 attached	.t					
Attachments (List Supporting RFQs 7 through 22, attached.		1					15
Contract Am	ount or Pr	ice		Contrac	t Times (Calculate Days)	
Original Previous Contract Modification(s) (Add/Deduct)	\$4,857,000 \$(109,974)			Original Duration Previous Contract Modification(s) (Add/Deduct)		365	_ Days
This Contract Modification (Deduct)	\$20,649			This Contract Modific (Add/Deduct)	ation	0 .	_ Days
Revised Contract Amount	\$4,767,675	5		Revised Contract Tim	ie .	365	_ Days
				The Revised Contrac	t Completion	on Date is: , 20	
7							
Owner		1	Cont	POOPOP .			
By: My ()	7	ву:	7.5	1.1		neer Recommend	ation ²

¹ Number all Modifications consecutively.

² Recommendation necessary for Change Orders.

City of Appleton RFQ Log

013	012	011	010	009	008	007		006	005	004	003	002	001	Number
4/14/14	4/11/14	4/11/14	4/10/14	4/10/14	4/9/14	3/21/14		3/14/14	3/13/14	3/12/14	3/7/14	2/27/14	2/21/14	Date Initiated
Hach WIMS software licenses	Ammonia vacuum valves	Filter Gullet Drain Valve Support	Tideflex Valves	Change Pinch valves to ball valves	Leak Monitoring in Membrane Wetwell walls	Existing Contactor Slabs crack repair		Galvanized Pipe Flanges	Membrane Wetwell Rebar	10" SS Drain Pipe Modifications	Contactor Plating Alternate	SCADA Software	SST Ladders in Clearwell	Description
Add 4 concurrent licenses to more people can access data at the same time.	Add vacuum valves on each storage tank.	Add a support bar to the 30" filter drain valve	Delete four 1" tideflex valves in softening basins.	Change lime system pinch valves to SST ball valves.	Add leak monitoring device in membrane wetwell air gap.	95.00 /lf for the first 100 lineal feet. \$60.00 per lf thereafter and not to exceed \$15,000. Time and materials for contactors #5 through #8 was \$9,885. Cost for contactors #1-#4 will be determined later when work is complete.	Change Order 1 Processed for RFQs 1 through 6. Total Cost = Deduct of \$109,974	Substitute galvanized back-up flanges for SST back-up flanges to match existing pipe materials.	Additional rebar recommended during shop drawing review to reduce potential for concrete shrinkage and water leakage at the wall base.	Unforeseen conditions in the Membrane wet well require relocation of SST purge valve pipe and copper pipe to avoid interference with new dual concrete wall.	Contractor suggested alternative for Concrete gullet cap instead of SST plates. Easier installation and lower cost.	Additional software and licenses to meet plant needs.	Owner decided to stay with FRP ladders based on additional \$15,170 cost for SST ladders.	Comments
Accepted	Accepted	Accepted	Accepted	Accepted	Accepted	Accepted		Accepted	Accepted	Accepted	Accepted	Accepted	Not accepted	Status
()	εs	69	es	G	εs	es		G	↔	€9	€9	G	G	Ą
4,305	892	2,040	(368)	(10,140)	2,333	9,885		(33,836)	4,362	1,231	(95,719)	13,988	1	Amount
\$ (101,027)	\$ (105,332)	\$ (106,224)	\$ (108,264)	\$ (107,896)	\$ (97,756)	\$ (100,089)		\$ (109,974)	\$ (76,138)	\$ (80,500)	\$ (81,731)	\$ 13,988		Cumulative Amount

City of Appleton RFQ Log

\$ (89,325)							
\$ (89,325)				Repair clearwell exterior wall expansion joint	Expansion Joint Repair	6/5/14	23
\$ (89,325)							
\$ (89,325)				Change Order 2 Processed for RFQs 7 through 22. Total Cost = Add \$20,649			-
\$ (89,325)	2,209	€9	Accepted	Change leak detection signals from 120V AC to 24V DC	24V DC signals	6/5/14	22
\$ (91,534)	564	69	Accepted	The Polymer Detail was modified to 1" SST	Polymer Diffuser Modifications	5/30/14	21
\$ (92,098)	2,995	G	Accepted	Change from ABB to Krohne flow meters to match existing plant meters.	Krohne Flow Meters	5/14/14	20
\$ (95,093)	(1,145)	69	Accepted	Increase sample piping from 3/4" to 1" to match existing	CT sample piping	5/12/14	019
\$ (93,948)	6,563	69	Accepted	Upsize weigh scales	Ammonia Tank Weigh Scales	5/9/14	018
\$ (100,511)	(3,400)	G	Accepted	Do not replace 1" air line vent with 2" vent	Air Line Vent	5/10/14	017
\$ (97,111)	(2,305)	€9	Accepted	Change from PVC coated to Aluminum in polymer and ammonia areas.	Electrical Conduit	5/5/14	016
\$ (94,806)	6,221	€9	Accepted	Connect UV PLC to UPS power, per RFI 12.	Electrical UPS connections	4/24/14	015
\$ (101,027)			Rejected	Add motor heaters to lime mix system (not feed pumps) \$18,912	Lime Feed Motor Heaters	4/22/14	014
Cumulative Amount	Amount		Status	Comments	Description	Date Initiated	Number
			*	Regulatory Upgrade and Process Improvement Project			

City of Appleton RFQ Log

Number Initiated Description Comments Date Initiated Description Comments	
Date Initiated Description	
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