## **AMENDMENT NO. 1 TO C22459**

Contract Start Date: April 13, 2015 Original Completion Date: Sept. 30, 2015 Amendment Completion Date: May 31, 2017 Original Total Amount: \$125,000 As Previously Amended: \$ 0 Current Amendment: \$111,000

New Total Contract Amount: \$236,000

This amendment, effective as of the date of attestation by the City Clerk (the "Effective Date"), by and between the City of Duluth, hereinafter referred to as "City", and MSA Professional Engineering Services, Inc. located at 332 West Superior Street, Suite 600, Duluth, MN 55802, hereinafter referred to as "Consultant", for the purpose of rendering services to the City.

WHEREAS, on April 13, 2015 City and Consultant entered into an agreement bearing City of Duluth Contract No. 22459 for engineering services for design of a replacement HVAC system in the Water Plant Filtration Building, which Contract has not been previously amended, and is hereinafter referred to as the "Contract"; and

WHEREAS, both parties desire to amend the Contract.

NOW THEREFORE, in consideration of the mutual covenants and conditions hereinafter set forth, the parties hereto hereby agree as follows:

In this Amendment changes in the language of the Contract which delete language will be shown as stricken and language added to the contract language will be underlined.

Revision 1. The Basic Services described in Section II of the Contract is hereby amended as follows:

The Bidding and Construction Phase of the Project will be added to the scope of work in the agreement per the attached Additional Services Proposal.

Revision 2. The compensation amount described in Section VI of the Contract is hereby amended as follows:

The not to exceed amount of the Contract shall be increased to Two Hundred Thirty Six Thousand Dollars (\$236,000) payable from Fund 510, Department 500, Division 1905, Object 5533 (Water Fund, Public Works & Utilities, Capital Improvements, Revenue), Project Number 1340

In all other respects the contract, together with all of its terms, covenants and conditions, is hereby confirmed in its entirety.

IN WITNESS WHEREOF, the parties have hereunto set their hands as of the effective date thereof.

CITY OF DULUTH	MSA Professional Services, Inc.
By: Mayor	Ву:
Attest:	Its: Title of Representative
	Date:
By:City Clerk	-
Date:	
Countersigned:	
City Auditor	_
Approved as to form:	
City Attorney	_



May 9, 2016

Howard Smith, P.E. City of Duluth 411 West First Street, RM 211 Duluth, MN 55802

Re:

Proposal for Engineering Service for Bidding and Construction of the 2016 Lakewood Water Treatment Plant Heating, Ventilation, and Cooling Improvement Project

Dear Mr. Smith:

As you are aware, MSA-Professional Services, Inc. has completed the design of the 2016 Lakewood Water Treatment Plant Heating, Ventilation, and Cooling Improvement Project. The project has been advertised for bid. Our current contract for the design of the HVAC system has be completed. The pre-selected engineering team, MSA and Wentz Associates, requests authorization to provide support to you and city during the bidding and construction of the HVAC System. The following is the approach to the Bidding and Construction phases:

Total:	\$111.000 T&M
Close-Out Phase	\$ 10,858 T&M
Observation (Part Time)	\$ 30,948 T&M
Administration	\$ 58,265 T&M
Construction Phase of the WTP HVAC System	
Bidding Phase of the WTP HVAC Project Phase (Begin Immediately)	\$ 10,929 T&M

The above fee estimates include service to be provided by Wentz and Associates during bidding and construction of this project.

We proposed to proceed based on time and material during the bidding phase of the project. We look forward to working with you to construct the HVAC system at the Lakewood WTP. If you have any questions about our proposal, please give me a call at (608) 355-8868 or on my cell phone at (608) 963-6527.

Sincerely,

MSA Professional Services, Inc.

Scott R. Chilson, P.E. Senior Project Engineer

src

cc: Eric Shaffer, City of Duluth Mark Proulx, City of Duluth

Hourly Detail Project Budget Review
Bidding and Construction Service for the Lakewood WTP HVAC Project
City of Duluth Project Number(s) ???
Date: March 15, 2016

Work Items	Job Classification	Vice	Project	Senior	Senior	Sprior	Fooinger	Tach	Toch	Admin	Commence	
		dent			'n	Engineer	) ) i	<u>.</u>	3		Sciveyor	
	Staff				Szymanski	/astlund	Leonhard	Locket	Solberg	Samuelson	Rosin	
	2015/2016 Rates	90	130	3	\$ 150	124	=	ဖွ	ဖြစ	\$ 68	8	
		(Additional	na	(Additional	na	Additional		l		difional	(Additional	
		Hours)	•		Hours)	ours)	Hours)	Hours)	Hours)	Hours)	Hours)	
Bidding	1						ı			ļ		
Bidding Cooespondance				12	-	3				2		\$ 2278
Pre-Bid Conference				8								Ì
Bid Opening			3	-						2		9
Contract Administration				12								1620
Wentz & Associates (1-Trip)				4								
Construction Administration												
Preconstruction Conference				12				4				2004
Progress Meetings (5-Meetings)				48				24				\$ 8,784
Project Administration				48		9						
Coorespondance				20						2		\$ 2.836
Shop Drawings				48	4	12						
Pay Applications				6								\$ 1215
Change Orders				8						2		
Project Close-Out				8			6	4		2		
Wentz & Associates (4-Trip(s))				12								\$ 21,620
Construction Observation												
Staking								9			9	\$ 1,116
Observation				48				216				\$ 27.216
Start-up Services				8				16				ĺ
Operational Phase / Close-Out					•							
O&M Manual				10						2		\$ 1,486
Record Drawings						2	9	4	8			1 806
11-Month Warranty Review				10						2		
Wentz & Associates (1-Trip)				8								ľ
Expenses												\$ 3,198
												\$ 111,000