CHANGE ORDER NO. 2

Owner: Lake County Department of Public Works	Date: September 16, 2011				
Project Engineering Services for Vernon Hills NCT WWTP Improvements . (PO	# 107202)				
_	Meisenheimer & Gende (RHM&G)				
Date of Contract Start November 19, 2010 \$ 158,278.00					
You are directed to make the following changes in the Contract Documents. Desc	ription;				
Perform additional engineering services as described in RHM&G proposal letter describe	ated September 8, 2011				
Reason for Change Order: LCPW Operations/Maintenance Divisions requested additional treatment plant repreparements / repairs require additional engineering services as described in R	placements / repairs. These HM&G letter.				
CONTRACT PRICE Days)	CONTRACT TIMES (Calendar				
· ·	To substantial completion				
Original: \$158,278.00 Original:	Nov 2009				
Previous COs (ADD/DEDUCT):\$ 15.763.00 Previous COs (ADD/DEDUCT):					
This C.O. (ADD/DEDUCT): \$ 11,477.00 This CO (ADD/DEDUCT):					
Contract Price with all approved Change Orders: \$ 185,518.00 REVISED:					
Original Completion Date:					
Revised Completion Date:	Dec 2011				
THIS DOCUMENT SHALL BECOME AN AMENDMENT TO THE CON STIPULATIONS AND COVENANTS OF THE CONTRACT SHALL A	TRACT AND ALL. PPLY HERETO.				
APPROVED: July 8. July 1. Date	1/9/11				
ACCEPTED: Date Date	[14] u				
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NOTE: OWNER is required to complete a Change Order Authorization form if change decrease or increase is for \$10,000 or more, or time of completion is 30 days or more.



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SEP 12 2011

LAKE COUNTY PUBLIC WORKS

Rezek, Henry, Meisenheimer and Gende, Inc.

CONSULTING ENGINEERS

September 8, 2011.

Mr. Chuck DeGrave, P.E. Principal Engineer Lake County Public Works Department 650 Winchester Road Libertyville, IL 60048

Re: Proposal for Engineering Services NCT WWTP Improvements Project No. 21102030

Dear Mr. DeGrave:

At our August 11, 2011 project review meeting we were directed to incorporate the following additional scope items into the final plans and specifications for the subject project:

- 1. New lights for the portions of the Filter Building that contain Filters 1 and 2 and Filters 5 and 6.
- 2. Motion/temperature sensor control for all new lights within the Filter Building.
- 3. Replacement of the existing lighting control and power panels in the Filter Building.
- 4. Replacement of the three overhead doors in the portion of the Filter Building that contains Filters 1 and 2.
- 5. Delete the float control system for the chlorine tank dewatering pumps and revise pump control system for manual operation only.
- 6. Provide new level control system for clarifier 5 & 6 scum pumping station and new PLC controller.

The enclosed Exhibit A presents the manpower and fee requirements associated with the above described additional scope items. Based on this information, we hereby respectfully request a contract amendment to increase our fee limit on this project by \$11,477.



Mr. Chuck DeGrave, P.E.
Principal Engineer
Lake County Public Works Department
Re: Proposal for Engineering Services
NCT WWTP Improvements
Project No. 21102030
September 8, 2011

Page: 2

Please contact me if you have any questions or wish to discuss this in more detail.

Sincerely yours,

REZEK, HENRY, MEISENHEIMER AND GENDE, INC.

William R. Rickert, P.E., BCEE, CFM President

WRR/amd

Enclosure

EXHIBIT A MANPOWER/FEE ESTIMATE NCT WWTP IMPROVEMENTS ADDITIONAL SCOPE ITEMS FROM 8/11/11 MEETING LAKE COUNTY PUBLIC WORKS DEPARTMENT

	MANHOURS							
TASK	Project Manager	Senior Proj. Eng.	Struct. Engineer	Elect. Engineer	Draft./ Tech.	Clerical	Tota	
Building 55 Filter Facility:	2	12		42	16	2	74	
Revisions to electrical drawings to include the building						-		
areas for Filter 1&2/5&6 for demolition and new								
lighting layout					i			
Additional specs for lighting control system								
Additional specs for lighting control/power panels								
2. Building 55 Filter Facility Area 182:		4			8		13	
Revisions to filter Building drawings to include the area							13	
for Filters 1 & 2 to show overhead doors							·····	
. Chlorine Dewatering Pumps Control System:		2		2	2		7	
Revisions to drawings and specifications								
Scum Pumping Station Revision for New Level Control	1	2		4	2		9	
System and New PLC Controller:				<u>`</u>				
Revisions to drawings and specifications								
DIAL	5	20	0	48	28	2	103	
lling Rate	155.76	129.84	93.16	108.33	86.64	61.33	100	
bor Cost	\$779	\$2,597	\$0	\$5,200	\$2,426	\$123	\$11,12	
rect Expenses			7				353	
TAL FEE	*		***************************************		······································		\$11,477	