

RESOLUTION NO. 34 - 17

**A RESOLUTION APPROVING CMT WORK ORDER 17-04 FOR ELEVATED AND
GROUND STORAGE TANK PAINTING**

WHEREAS, the Village of Chatham (“Village”) is an Illinois Municipal Corporation existing and operating under the Illinois Municipal Code and the laws of the State of Illinois; and

WHEREAS, the Village maintains a water ground storage tank and elevated tank as a part of its combined waterworks system; and,

WHEREAS, the water ground storage tank and elevated tank are in need of repairs and painting; and,

WHEREAS, the Village wishes to enter into an Agreement with its Engineers, CMT, to prepare plans and specifications for the repairs and painting of the water ground storage tank and elevated tank as attached hereto as **Exhibit A**; and,

WHEREAS, the Board of Trustees of the Village believe it is in the best interest of the Village to approve CMT Work Order 17-04 as attached hereto.

NOW THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Chatham, Sangamon County, Illinois, as follows:

Section 1. Recitals. The foregoing recitals shall be and are hereby incorporated into and made a part of this Resolution as if fully set forth in this Section 1.

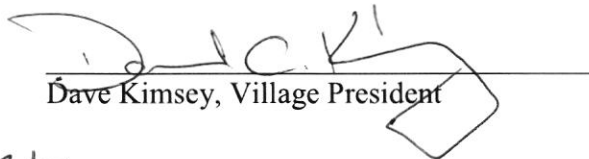
Section 2. Appointment. The Village Board of Trustees hereby authorizes the Village to enter the Agreement with its Engineers, CMT, to prepare plans and specifications for the repairs and painting of the water ground storage tank and elevated tank as attached hereto as **Exhibit A**. The Village President and Clerk are hereby authorized to execute CMT Work Order 17-04 on behalf of the Village.

Section 3. Effective Date. This Resolution shall be in full force and effect from and after its passage and approval.

SO RESOLVED this 25 day of July, 2017, at Chatham, Sangamon County, Illinois.

	YES	NO	ABSENT	PRESENT
TERRY FOUNTAIN	X			X
BRETT GERGER	X			X
NINA LINDHORST	X		X	
RYAN MANN	X			X
MATT MAU	X			X
PAUL SCHERSCHEL	X			X
DAVE KIMSEY				X
TOTAL	5	0	1	6

APPROVED by the President of the Village of Chatham, Illinois this 25 day of July, 2017.


 Dave Kimsey, Village President

Attest:

 Amy Dahlkamp, Village Clerk

**Village of Chatham
2017 Engineering Services Work Order
CMT WORK ORDER 17-04**

Elevated and Ground Storage Tank Painting

Date: 6/9/2017	Name: Recoating of Water Storage Tanks
Project Description: <u>Recoating and Improvements to Ground Storage Tank and Elevated Tank</u>	
Services Required: <ol style="list-style-type: none">1. The ground storage tank and the elevated tanks would be inspected by a company specializing in tank inspections as an engineering service. CMT prepares a request for proposal and engages inspection company as a subconsultant. Determine if lead or other hazardous metals are in the exterior coating.2. Evaluate the benefit of installing a mixing system in each water tank to maintain water quality.3. Prepare bidding documents which incorporate the recommendations from the tank inspection reports including recoating, safety and sanitary improvements, containment and mixing devices. Full exterior coating is anticipated with possible touchup of interior coating.4. Submit application for IEPA construction permit if mixing system is to be installed.5. Schedule: IEPA application (if required): Summer 2017. Tank inspections: August or September 2017. Bidding period: November 2017. Construction: March to November 2018. Painting contractors have work scheduled for 2017. Village will obtain more favorable pricing if work is bid in fall 2017 as Contractors line up their work for 2018.6. Recommend bidding the recoating work in a single bid package. Allow Contractors to bid either tank or both tanks. Village can select bid or bids which provide best value for Village.7. Estimate included engineering design, bidding and award services. Construction observation/documentation services, if needed, shall be revisited at the time of the award of bids.	
Time Schedule: Work will begin upon receipt of this executed Engineering Services Work Order and will be completed within 180 calendar days.	
Compensation: Compensation for the services provided under this Engineering Services Work Order will be in accordance with the provisions of the Retainer Contract. The compensation for the above services, including reimbursable expenses, will be invoiced as the work is performed. It is estimated that the compensation for the above services, including reimbursable expenses, will not exceed \$ 46,130.00 (See Exhibit A).	

Approval and Notice to Proceed:

Village of Chatham

Crawford, Murphy & Tilly, Inc.

By: Patrick M. McCarty

By: James M. Michael, P.E.

Title: Village Manager

Title: Project Manager

Date: July 26, 2017

Date: 6/9/17

Chatham Work Order No. 17-04

CMT Project No. 17046-01-04

Notice To Proceed Date:

Services provided under this Work Order shall be in accordance with the Agreement for Professional Services dated _____, 2017 for general engineering services in 2016.

CRAWFORD, MURPHY & TILLY, INC.
 CONTRACT ATTACHMENT - EXHIBIT A - 2017 PROFESSIONAL SERVICES COST ESTIMATE

CLIENT: VILLAGE OF CHATHAM
 PROJECT NAME: RECOATING AND IMPROVEMENTS TO TWO WATER TANKS
 CMT JOB NO.: 17046-01

Prep By: PROJ MGR
 DATE: 06/09/17

Apprvd: PROJ PNCL
 DATE:

TASK NO.	TASKS \ CLASSIFICATIONS	PRINCIPAL	SENIOR PROJECT ENGINEER / MANAGER	PROJECT MANAGER	PROJECT ARCHITECT	SENIOR ENGINEER / LAND SURVEYOR	SENIOR ARCHITECT	SENIOR ENGINEER / MANAGER	SENIOR TECHNICAL GIS SPECIALIST	SENIOR PLANNER ARCHITECT	ENGINEER	SENIOR TECHNICIAN	TECHNICAL PLANNER	TECHNICIAN MGR	TECHNICIAN II	TECHNICIAN I	ADMIN ASSISTANT / ACCOUNTANT	MAN HOURS & LABOR SUMMARY	TOTAL
CURRENT YEAR 2017 HOURLY RATES																			
1	Inspection of exterior and interior of two tanks		4									16							4
2	Evaluate mixing system for two tanks		4									16	32						20
3	Prepare details for tank modifications		2	24								16	32						74
4	Develop bid documents for two tanks		8									48	16						72
5	Project meeting with Village		4									4							8
6	QA/QC Review of documents		4	4								4							12
7	Construction bidding phase services		4									20					8		32
8	Construction administration assistance		4									4							8
9																			
10																			
11																			
12																			
13																			
14																			
15																			
	TOTAL MAN HOURS		34	28								112	48				8		230
	SUBTOTAL - BASE LABOR EFFORT		\$6,630	\$4,620								\$12,880	\$6,000				\$600		\$30,730
TASKS (CONTINUED)		TOTAL LABOR EFFORT	DIRECT EXPENSE & REIMBURSABLES											TOTAL EXPENSE	TOTAL FEE				
			TRAVEL MILEAGE	MEALS & LODGING	PRINTING	EQUIP-MENT	MISC	SURVEY MTL	SUBS	SUBS ADMIN	OTHER EXP	OTHER EXP							
1	Inspection of exterior and interior of two tanks	\$780							\$14,000	\$1,400								\$15,400	\$16,180
2	Evaluate mixing system for two tanks	\$2,620																	\$2,620
3	Prepare details for tank modifications	\$10,190																	\$10,190
4	Develop bid documents for two tanks	\$9,080																	\$9,080
5	Project meeting with Village	\$1,240																	\$1,240
6	QA/QC Review of documents	\$1,900																	\$1,900
7	Construction bidding phase services	\$3,680																	\$3,680
8	Construction administration assistance	\$1,240																	\$1,240
9																			
10																			
11																			
12																			
13																			
14																			
15																			
	TOTALS	\$30,730							\$14,000	\$1,400								\$15,400	\$46,130
	TIME PERIOD OF PROJECT	2017	2018	2019	2020	TOTAL	EST % OF OT HRS INCLUDED ABOVE				AVERAGE OVERTIME RATE PREMIUM		15%	MULTI-YEAR + OT					
	PERCENTAGE OF WORK TO BE PERFORMED BY YEAR	100%				100%								MLTPLR & AMT					
	WEIGHTING FACTOR FOR 5% ANNUAL ADJUSTMENT	1.0000				1.0000	OT ADJUSTMENT FACTOR							1.0000					
	ESTIMATED CONTINGENCY																		
	ROUNDING																		
	TOTAL FEE	MATH CROSS CHECK IS OK																	\$46,130