ST. CHARLES SINCE 1834	**AGENDA ITEM EXECUTIVE SUMMARY**	Agenda Item number: 5.b
	Title:	Recommendation to Approve Phosphorus Removal and Digester Improvements Project Change Order No. 2 to IHC for Internal Digester Coating
	Presenter:	Tim Wilson

Meeting: Government Services Committee	Date: June 25, 2018	
Proposed Cost: ($27,724.34)	Budgeted Amount: $370,538.47 (Loan Contingency)	Not Budgeted: ☐

Executive Summary (if not budgeted please explain)**:**

Over the past several months IHC, Trotter and Associates Engineering, and City staff have worked closely together to find cost-saving efficiencies to the Phosphorus and Digester Improvement Project. This joint effort has continued to ensure the City is receiving the most efficient and cost effective value during this construction project.

The team has closely reviewed the scope of work and collectively have been able to make some modifications to keep the project on track financially. These changes will not compromise the project, nor the overall product or services the city receives from the contractor. Instead, the construction project can proceed in a more cost effective and timely manner.

Staff recommends the following changes in the work scope by:

- Moving the power supplies to the new chemical feed panel, saving the contractor time in installation.
- Reducing the amount of storm sewer line by modifying the underground sewer pipe.
- Rerouting new fermenter line to avoid going under 36" sewer line.
- Reutilizing sections of the metal digester skirt resulting in a cost savings.

The recommended changes will reduce the contract by ($27,724.34); approximately the same dollar amount as Change Order #1.

Since this is an EPA funded loan project, any changes in the scope of work requires City approval.

Attachments (*please list*)**:**

* Change Order #2 * Summary of Loan Contingency Remaining

Recommendation/Suggested Action (*briefly explain*)**:**

Recommendation to Award Change Order No. 2 to IHC in the amount of ($27,724.34).

CHANGE ORDER NO. 2

Date: June 5, 2018 Date of Agreement: September 25, 2017

Project: City of St. Charles
2017 Phosphorus Removal and Digester Improvements

Job Number: STC-100

Owner: City of St. Charles
2 East Main Street
St. Charles, Illinois 60174

Contractor: IHC Construction Companies, LLC
1500 Executive Drive
Elgin, Illinois 60123

The following changes are hereby made to the CONTRACT DOCUMENTS: Work associated with Contract Modification Requests (CMR's) #8, #9, #11, #12, #14, #17, #18, #19 and #21.

Justification: See attached CMR's.

Original Contract Price	$13,294,896.00
Amount of Previous Change Order(s)	**$28,308.41**
Current Contract Price adjusted by Previous Change Order(s)	$13,323,204.41
Change in Contract Price Due to this Change Order	**-$27,724.34**
Contract Price Including this Change Order	$13,295,480.07

Original Contract Time	530	Calendar Days
Previous Changes to Contract Time	0	Calendar Days
Current Contract Time adjusted by Previous Change Order(s)	530	Calendar Days
Change to Contract Time Due to this Change Order	0	Calendar Days
Contract Time Including this Change Order	530	Calendar Days

Approvals:

Requested by: _____
Jerry Ruth, P.E.
Project Engineer
Trotter and Associates, Inc.

Recommended by: _____
Tim Wilson
Environmental Services Manager
City of St. Charles

Ordered by: _____
Hon. Raymond Rogina
Mayor
City of St. Charles

Accepted by: _____
Brian Rausch
Project Manager
IHC Construction Companies, LLC

TROTTER and ASSOCIATES, INC.
ENGINEERS AND SURVEYORS

City of St. Charles - 2017 Phosphorus Removal and Digester Improvements

Summary of Loan Contingency Remaining

Description	Total	Loan Eligible
Design Engineering	$ 921,500.00	$ 921,500.00
Construction Engineering	$ 816,000.00	$ 816,000.00
Construction - IHC Construction Company, L.L.C	$ 13,294,896.00	$ 13,294,896.00
Contingency	$ 398,846.88	$ 398,846.88
GRAND TOTAL	**$ 15,431,242.88**	**$ 15,431,242.88**

Original Contract Price	$ 13,294,896.00
Executed Change Orders	$ 28,308.41
Current Contract Price adjust by Previous Change Orders	$ 13,323,204.41
Contract Price due to this Change Order will be adjusted by	$ (27,724.34)
Contingency Remaining under Loan Limit	$ 398,262.81
Will we exceed the contingency with the next change order?	**NO**
Percentage of contingency used up by current change orders	**0%**