



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to approve Change Order No. 5 for Biosolids Building Construction Project

Presenter: John Lamb

*Please check appropriate box:*

|  |                        |   |                              |
|--|------------------------|---|------------------------------|
|  | Government Operations  | X | Government Services 11.25.13 |
|  | Planning & Development |   | City Council                 |

|                 |             |           |     |   |    |  |
|-----------------|-------------|-----------|-----|---|----|--|
| Estimated Cost: | \$36,245.99 | Budgeted: | YES | X | NO |  |
|-----------------|-------------|-----------|-----|---|----|--|

If NO, please explain how item will be funded:

**Executive Summary:**

Staff is requesting approval of Biosolids Building Project Change Order #5 in the amount of \$36,245.99. Change order is for the following additional work:

|   |                    |
|---|--------------------|
| 1. Revise piping to provide a mixing system for the thickened activated sludge tank | \$10,479.99        |
| 2. Replace gas service to chlorine building, backup generator and RAS pump station. | \$25,266.00        |
| 3. Install stainless steel cover for connection between centrifuge and conveyor.    | \$ 500.00          |
| <b>Total</b>  | <b>\$36,245.99</b> |

Change order amount will be taken out of project contingency funds and be included in low interest loan that is funding the project.

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

Change Order Forms

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

Recommendation to approve Change Order No. 5 for Biosolids Construction Project and a Resolution Authorizing the Mayor and Clerk to execute the same.

*For office use only*

*Agenda Item Number: 4.g*

**CHANGE ORDER NO. 5**

Date: October 28, 2013 Date of Agreement: October 31, 2012

Project: City of St. Charles  
2012 Main and Sludge Handling Building Improvements

Job Number: STC-076

Owner: City of St. Charles Contractor: Whittaker Construction & Excavating, Inc.  
2 East Main Street 15657 S. 70<sup>th</sup> Court  
St. Charles, Illinois 60174 Orland Park, Illinois 60462

The following changes are hereby made to the CONTRACT DOCUMENTS: Work associated with Contract Modification Requests (CMR's) #45, #48 and #49.

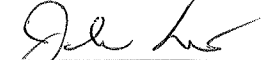
Justification: See attached Contract Modification Requests (CMR's).

|   |                    |
|---|--------------------|
| Original Contract Price                                     | \$8,897,150.00     |
| Amount of Previous Change Order(s)                          | \$44,946.00        |
| Current Contract Price adjusted by Previous Change Order(s) | \$8,942,096.00     |
| Change in Contract Price Due to this Change Order           | <b>\$36,245.99</b> |
| Contract Price Including this Change Order                  | \$8,978,341.99     |

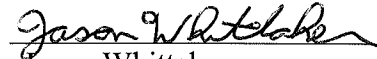
|  |     |               |
|--|-----|---------------|
| Original Contract Time                                     | 550 | Calendar Days |
| Previous Changes to Contract Time                          | 17  | Calendar Days |
| Current Contract Time adjusted by Previous Change Order(s) | 567 | Calendar Days |
| Change to Contract Time Due to this Change Order           | 4   | Calendar Days |
| Contract Time Including this Change Order                  | 571 | Calendar Days |

Approvals:

Requested by:   
Mark Sikora, P.E.  
Project Manager  
Trotter and Associates, Inc.

Recommended by:   
John Lamb  
Environmental Services Mgr.  
City of St. Charles

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

Accepted by:   
Jason Whittaker  
President  
Whittaker Construction &  
Excavating, Inc.

**City of St. Charles - 2012 Main & Sludge Handling Building Improvements  
Summary of Change Order #5**

| <b>CMR No.</b>                   | <b>Description</b>   | <b>Amount</b>       | <b>Days</b> |
|----------------------------------|--|---------------------|-------------|
| 45                               | Add Mixing System for TWAS Tank  | \$ 10,479.99        | 2           |
| 48                               | Gas Service Replacement to Chlorine Building, Generator and RAS Pump Station | \$ 25,266.00        | 2           |
| 49                               | Furnish and Install Cover in Top of SC-1101 for Future Connection to CT-1103 | \$ 500.00           | 0           |
| <b>TOTAL FOR CHANGE ORDER #5</b> |  | <b>\$ 36,245.99</b> | <b>4</b>    |

|   |                 |
|---|-----------------|
| Original Contract Price                                     | \$ 8,897,150.00 |
| Previous Change Orders                                      | \$ 44,946.00    |
| Current Contract Price adjusted by Previous Change Orders   | \$ 8,942,096.00 |
| Contract Price due to this Change Order will be adjusted by | \$ 36,245.99    |
| Contract Price including this Change Order                  | \$ 8,978,341.99 |

|   | <b>Substantial Completion</b> | <b>Final Completion</b> |
|---|-------------------------------|-------------------------|
| Original Completion Dates                                   | February 7, 2014              | May 8, 2014             |
| Previous Contract Time Adjustment                           | 17                            | 17                      |
| Current Completion Dates adjusted by Previous Change Orders | February 24, 2014             | May 25, 2014            |
| Contract Time due to this Change Order to be Adjusted by    | 4                             | 4                       |
| Completion Dates including this Change Order                | February 28, 2014             | May 29, 2014            |

**City of St. Charles Public Works Environmental Services Office**

**CHANGE ORDER**

|                      |  |              |                  |
|----------------------|--|--------------|------------------|
| <b>PROJECT:</b>      | Biosolids Building Construction Project                          | <b>NO.</b>   | <u>5</u>         |
|                      |  | <b>DATE:</b> | <u>11/8/2013</u> |
| <b>CONTRACTOR:</b>   | Whittaker Construction & Excavating                              | <b>BY:</b>   | John Lamb        |
| <b>CONTRACT FOR:</b> | Demolition and construction of biosolids building and equipment. |              |                  |

**You are directed to make the following changes:**

|                     |   |    |              |
|---------------------|---|----|--------------|
| <b>DESCRIPTION:</b> | 1. Revise piping and add mixing system for thickened sludge tank. | \$ | 10,479.99    |
|                     | 2. Replace gas line to chlorine and pump station and generator.   | \$ | 25,266.00    |
|                     | 3. Install cover between centrifuge and conveyor.                 | \$ | 500.00       |
|                     |   |    | \$ 36,245.99 |

**PURPOSE OF CHANGE:**

1. Mixing system will provide more homogeneous sludge and prevent settling.
2. Existing gas line was old and leaking, would not pass pressure test.
3. Cover will provide staff safety and equipment from debris.

**ATTACHMENTS:** Engineer Change Order

**CHANGE IN CONTRACT PRICE**

**CHANGE IN CONTRACT TIME**

|   |                 |   |
|---|-----------------|---|
| Original Contract price:                            | \$ 8,897,150.00 | Original Contract deadline:                       |
| Previous Change Orders:                             | \$ 44,946.00    | Previous Change Orders:                           |
| Contract Price prior to this Change Order:          | \$ 8,942,096.00 | Contract deadline prior to this Change Order:     |
| Net <b>Increase</b> (Decrease) of this Change Order | \$ 36,245.99    | Net Increase (Decrease) of this Change Order      |
| Contract price with all approved Change Order:      | \$ 8,978,341.99 | Contract deadline with all approved Change Order: |

**RECOMMENDED:**

**APPROVED:**

John Lamb 11/8/2013  
*Environmental Service Manager* Date

\_\_\_\_\_  
*Finance Director* Date

\_\_\_\_\_  
*Contractor* Date

It is determined that the circumstances necessitating this change order were not foreseeable at the time the original contract was signed, the change order is germane to the original contract as signed, and the change order is in the best interest of the City and authorized by law.