



ST. CHARLES
SINCE 1834

AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommend approval of Change Order No. 4 for Main Treatment Plant Headworks Project Construction Costs

Presenter: John Lamb

Please check appropriate box:

| | | | |
|--|------------------------|---|------------------------------|
| | Government Operations | X | Government Services 01.23.12 |
| | Planning & Development | | City Council |
| | Public Hearing | | |

| | | | | | | |
|-----------------|-------------|-----------|-----|---|----|--|
| Estimated Cost: | \$10,860.12 | Budgeted: | YES | X | NO | |
|-----------------|-------------|-----------|-----|---|----|--|

If NO, please explain how item will be funded:

Executive Summary:

Staff is requesting approval of Main Plant Headworks Project Change Order #4 in the amount of \$10,860.12. Change order is for four items:

- | | |
|--|--------------------|
| 1. Sample taps for sludge pumps, make up air diagnostics. | \$1,137.35 |
| 2. Remove roof mounted make up air units, cover opening and remove utility lines. | \$ 659.70 |
| 3. Fix low spot in floor and install flooring to prevent sitting water, safety hazard. | \$7,734.82 |
| 4. Paint stairs and grinders. | \$1,328.25 |
| Total | \$10,860.12 |

Funds are available for change order.

Attachments: *(please list)*

Change Order Forms, Contact Modification Requests, Resolution for Hampshire Hydro, LLC.

Recommendation / Suggested Action *(briefly explain):*

Staff recommends approval of Main Plant Headworks Change Order #4 in the amount of \$10,860.12 and a resolution authorizing the Mayor and Clerk to execute on behalf of the City of St. Charles.

For office use only:

Agenda Item Number: 4.k

City of St. Charles, Illinois
Resolution No. _____

**A Resolution Authorizing the Director of Finance to Execute Change
Order No. 4 for the Main Treatment Plant Headworks Project with
Hampshire Hydro, LLC.**

**Presented & Passed by the
City Council on**

WHEREAS, by the Mayor and City Council of the City of St. Charles, Kane and DuPage Counties, Illinois, a home rule municipality in the exercise of its home rule powers, that the Director of Finance is authorized to execute Change Order No. 4 in favor of Hampshire Hydro, LLC., in the amount of \$10,860.12 with respect to sample taps for sludge pumps, remove roof mounted make up air units, cover opening and remove utility lines, fix low spot in floor and install flooring to prevent sitting water, paint stairs and grinders in regard to the Main Treatment Plant Headworks project contract entered into on or about April 4, 2011, a copy of said change order being attached hereto and made a part of this Resolution. 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.

NOW THEREFORE, be it resolved by the Mayor and City Council of the City of St. Charles, Kane and DuPage Counties, Illinois.

PRESENTED to the City Council of the City of St. Charles, Illinois, this day of

PASSED by the City Council of the City of St. Charles, Illinois, this day of

APPROVED by the Mayor of the City of St. Charles, Illinois, this day of

Donald P. DeWitte, Mayor

ATTEST:

City Clerk

COUNCIL VOTE:

Ayes:

Nays:

Absent:

Abstain:

Change Order No: 4

Date: January 4, 2012

Date of Agreement: April 4, 2011

Project: **City of St. Charles – Headworks Rehabilitation**

Job Number: **STC-071**

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

Contractor: **Hampshire Hydro, LLC
P.O. Box 171
Hampshire, Illinois 60140**

The following changes are hereby made to the CONTRACT DOCUMENTS:

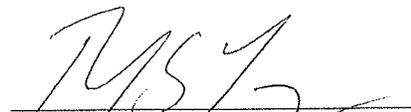
Justification:

| | |
|---|--------------|
| Original Contract Price | \$606,252.00 |
| Amount of Previous Change Order(s) | \$71,764.17 |
| Current Contract Price adjusted by Previous Change Order(s) | \$678,016.17 |
| Change in Contract Price Due to this Change Order | \$10,860.12 |
| Contract Price Including this Change Order | \$688,876.29 |

| | | |
|--|-----|---------------|
| Original Contract Time | 270 | Calendar Days |
| Previous Changes to Contract Time | 0 | Calendar Days |
| Current Contract Time adjusted by Previous Change Orders | 270 | Calendar Days |
| Change to Contract Time | 0 | Calendar Days |
| Contract Time including this Change Order | 270 | Calendar Days |

Approvals:

Requested
by:



R. Scott Trotter, P.E.
Senior Project Manager
Trotter and Associates, Inc.

Recommended
by:

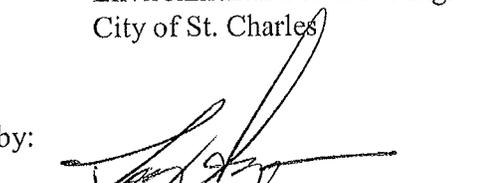


John Lamb
Environmental Services Mngr.
City of St. Charles

Ordered
by:

Hon. Donald. D. DeWitte
Mayor
City of St. Charles

Accepted by:

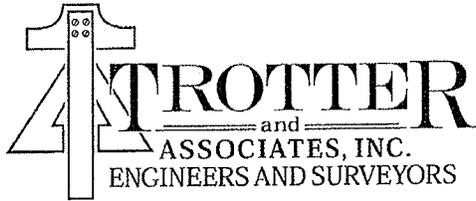


Doug Seagren
President
Hampshire Hydro, LLC

**City of St. Charles - Headworks Rehabilitation
Summary of Change Order #4**

| No. | Description | Amount | Days |
|----------------------------------|---|---------------------|----------|
| 9 | Sample taps for primary sludge, and make-up air unit diagnostics | \$ 1,137.35 | 0 |
| 10 | Remove roof-mounted make-up air unit, cover and seal opening and remove utility lines | \$ 659.70 | 0 |
| 11 | Fix low spot in Rm-1201 and install flooring on elevated section of Rm-1202 | \$ 7,734.82 | 0 |
| 12 | Paint stairs and grinders | \$ 1,328.25 | 0 |
| TOTAL FOR CHANGE ORDER #3 | | \$ 10,860.12 | 0 |

| | |
|---|---------------|
| Original Contract Price | \$ 606,252.00 |
| Previous Change Orders | \$ 71,764.17 |
| Current Contract Price adjust by Previous Change Orders | \$ 678,016.17 |
| Contract Price due to this Change Order will be adjusted by | \$ 10,860.12 |
| Contract Price including this Change Order | \$ 688,876.29 |



40W201 Wasco Road, Suite D – St. Charles, Illinois 60175
Phone: 630/587-0470 – Fax: 630/587-0475

Contract Modification Request No. 9 **Date:** November 11, 2011

To: Doug Seagren, President **From:** Jerry Ruth, Resident Project Representative

Project: City of St. Charles – Headworks Rehabilitation
STC-071

Owner: City of St. Charles, 2 East Main Street, St. Charles, Illinois 60174 **Contractor:** Hampshire Hydro, P.O. Box 171, Hampshire, Illinois 60140

It has been requested that a Contract Modification be initiated to the above referenced contract. The following information is provided as backup data:

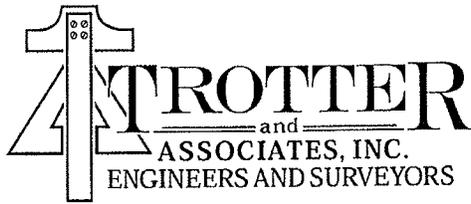
- 1. Scope of Work (Provide Attachments if Needed):** Provide and install three sample taps and determine the conditions of the three make-up air units on the project.
- 2. Reason for Modification:** The three taps were made at the request of the City staff in order to take samples of the sludge being drawn from the primary clarifiers. The make-up air units were in questionable condition and needed to be diagnosed so that the temperature in the rehabilitated rooms could be controlled prior to project completion.
- 3. Approximate Cost Change to Contract Price:** \$1,137.35
- 4. Additional Contract Time to Complete Modification:** 0 days
- 5. Attachments:**

Price Proposal from Hampshire Hydro, dated 11/9/11
E-Mail from R.J. O'Neil, dated 11/9/11

Prepared by: Jerry Ruth Approved by: John Lamb
Jerry Ruth John Lamb
Resident Project Representative Environmental Services Manager

Date: 11/14/11 Date: _____

Cc: John Lamb, City of St. Charles
File (STC071-7.27)



40W201 Wasco Road, Suite D – St. Charles, Illinois 60175
Phone: 630/587-0470 – Fax: 630/587-0475

Contract Modification Request No. 10 **Date:** December 14, 2011

To: Doug Seagren, President **From:** Jerry Ruth, Resident Project Representative

Project: City of St. Charles – Headworks Rehabilitation
STC-071

Owner: City of St. Charles, 2 East Main Street, St. Charles, Illinois 60174 **Contractor:** Hampshire Hydro, P.O. Box 171, Hampshire, Illinois 60140

It has been requested that a Contract Modification be initiated to the above referenced contract. The following information is provided as backup data:

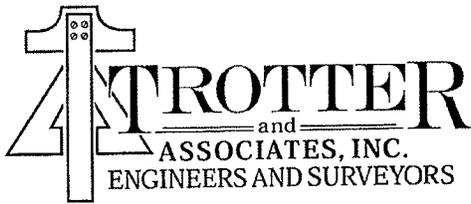
- 1. Scope of Work (Provide Attachments if Needed):** Remove existing roof-mounted air-handling unit, cap opening and remove associated utility lines.
- 2. Reason for Modification:** The roof-mounted air-handling unit on building 1201 was diagnosed as a part of CMR #9 to be beyond repair. The unit therefore is a location that hinders temperature control in the building, as well as being a source of leaking water into the building, and should be removed. This work will include capping and sealing the opening left by this unit, as well as the removal of the utility lines that serviced this unit.
- 3. Approximate Cost Change to Contract Price:** \$659.70
- 4. Additional Contract Time to Complete Modification:** 0 days
- 5. Attachments:**

Revised Price Proposal from Hampshire Hydro, dated 12/14/11
Price Proposal from Hampshire Hydro, dated 11/9/11
E-Mail from R.J. O'Neil, dated 11/9/11

Prepared by: Jerry Ruth Approved by: John Lamb
Jerry Ruth, Resident Project Representative John Lamb, Environmental Services Manager

Date: 12/14/11 Date: _____

Cc: John Lamb, City of St. Charles
File (STC071-7.27)



40W201 Wasco Road, Suite D – St. Charles, Illinois 60175
Phone: 630/587-0470 – Fax: 630/587-0475

Contract Modification Request No. 11 **Date:** 12/20/11
To: Doug Seagren **From:** Jerry Ruth
President Resident Project Representative
Project: City of St. Charles – Headworks Rehabilitation
STC-071
Owner: City of St. Charles **Contractor:** Hampshire Hydro
2 East Main Street P.O. Box 171
St. Charles, Illinois 60174 Hampshire, Illinois 60140

It has been requested that a Contract Modification be initiated to the above referenced contract. The following information is provided as backup data:

- 1. Scope of Work (Provide Attachments if Needed):** Address the low spot in the floor of Room 1201 and install flooring on the elevated section of Room 1202.
- 2. Reason for Modification:** During construction, it was noticed that water tended to collect in a low spot at the northwest corner of the room where the new electric panels are located. The floor in Room 1201 will need to be hosed down every now and then, and a low spot in the floor is a safety hazard. Also, after the existing piping was removed in Room 1202, the floor penetrations that remained on the elevated section of this room were repaired. It is not in the original scope of work to install any flooring in Room-1202, but the City has elected to apply the same flooring material as Room 1201 in this elevated section to maintain the integrity of the floor.
- 3. Approximate Cost Change to Contract Price:** \$7,734.82
- 4. Additional Contract Time to Complete Modification:** 0 days
- 5. Attachments:**
Price Proposal from Hampshire Hydro, dated 12/14/11
Quote from Stonhard, dated 11/21/11

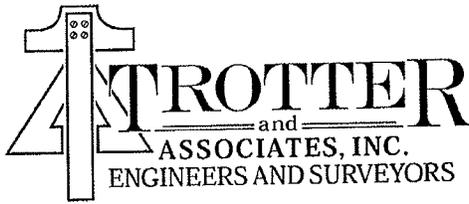
Prepared by: Jerry Ruth
Jerry Ruth
Resident Project Representative

Approved by: John Lamb
John Lamb
Environmental Services Manager

Date: 12/20/11

Date: _____

Cc: John Lamb, City of St. Charles
File (STC071-7.27)



40W201 Wasco Road, Suite D – St. Charles, Illinois 60175
Phone: 630/587-0470 – Fax: 630/587-0475

Contract Modification Request No. 12 **Date:** 12/20/11
To: Doug Seagren **From:** Jerry Ruth
President Resident Project Representative
Project: City of St. Charles – Headworks Rehabilitation
STC-071
Owner: City of St. Charles **Contractor:** Hampshire Hydro
2 East Main Street P.O. Box 171
St. Charles, Illinois 60174 Hampshire, Illinois 60140

It has been requested that a Contract Modification be initiated to the above referenced contract. The following information is provided as backup data:

- 1. Scope of Work (Provide Attachments if Needed):** Paint stairs and grinders in Room 1201.
- 2. Reason for Modification:** The stairs in Room 1201 were chemically damaged from exposure to the Ferric Chloride that used to be stored in this room. The City requested that the particulates that had developed on the steel stairs be removed and that the steel be painted for a clean finish. The grinders were not shown in the plans to be painted, and this work was done for aesthetic purposes.
- 3. Approximate Cost Change to Contract Price:** \$1,328.25
- 4. Additional Contract Time to Complete Modification:** 0 days
- 5. Attachments:**

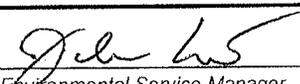
Price Proposal from Hampshire Hydro, dated 12/14/11
Sworn Statement from SBA Industrial Coatings, Inc. dated 11/8/11

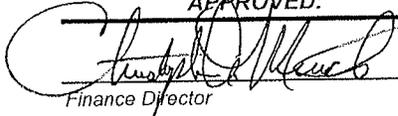
Prepared by: Jerry Ruth Approved by: John Lamb
Jerry Ruth John Lamb
Resident Project Representative Environmental Services Manager
Date: 12/20/11 Date: _____

Cc: John Lamb, City of St. Charles
File (STC071-7.27)

City of St. Charles Public Works Environmental Services Office

| CHANGE ORDER | | | | | | | | | |
|---|--|---|------------|--|-----------|---|------------|---|------------|
| PROJECT: Main Plant Headworks Project | NO.: <u>4</u> | | | | | | | | |
| | DATE: <u>1/5/2012</u> | | | | | | | | |
| CONTRACTOR: Hampshire Hydro | BY: John Lamb | | | | | | | | |
| CONTRACT FOR: Main Plant Headworks Project | | | | | | | | | |
| You are directed to make the following changes: | | | | | | | | | |
| DESCRIPTION: | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Sample taps for sludge pumps, make up air diagnostics.</td> <td style="text-align: right;">\$1,137.35</td> </tr> <tr> <td>2. Remove roof make up air units, cover opening, remove utility lines.</td> <td style="text-align: right;">\$ 659.70</td> </tr> <tr> <td>3. Eliminate low spot in flooring to prevent sitting water, safety hazard.</td> <td style="text-align: right;">\$7,734.82</td> </tr> <tr> <td>4. Paint stairs and grinders.</td> <td style="text-align: right;">\$1,328.25</td> </tr> </table> | 1. Sample taps for sludge pumps, make up air diagnostics. | \$1,137.35 | 2. Remove roof make up air units, cover opening, remove utility lines. | \$ 659.70 | 3. Eliminate low spot in flooring to prevent sitting water, safety hazard. | \$7,734.82 | 4. Paint stairs and grinders. | \$1,328.25 |
| 1. Sample taps for sludge pumps, make up air diagnostics. | \$1,137.35 | | | | | | | | |
| 2. Remove roof make up air units, cover opening, remove utility lines. | \$ 659.70 | | | | | | | | |
| 3. Eliminate low spot in flooring to prevent sitting water, safety hazard. | \$7,734.82 | | | | | | | | |
| 4. Paint stairs and grinders. | \$1,328.25 | | | | | | | | |
| PURPOSE OF CHANGE: | <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Sample taps for sampling sludge tapped into sludge line/pump. Make up air diagnosed to ensure proper temperature, humidity for room.</td> <td style="text-align: right; vertical-align: top;">2.</td> </tr> <tr> <td colspan="2">Old roof unit unrepairable and removed, cover opening and remove electric.</td> </tr> <tr> <td colspan="2">3. Flooring in building uneven due to renovations creating low spot by electric panels. Flooring evened out to eliminate slipping and safety hazard by panel.</td> </tr> <tr> <td colspan="2">4. Existing stairs in room were corroded due to storage of previous chemicals. Sanded, polished and painted stairs. Grinders were exposed metal, painted for both aesthetic and maintenance purposes.</td> </tr> </table> | 1. Sample taps for sampling sludge tapped into sludge line/pump. Make up air diagnosed to ensure proper temperature, humidity for room. | 2. | Old roof unit unrepairable and removed, cover opening and remove electric. | | 3. Flooring in building uneven due to renovations creating low spot by electric panels. Flooring evened out to eliminate slipping and safety hazard by panel. | | 4. Existing stairs in room were corroded due to storage of previous chemicals. Sanded, polished and painted stairs. Grinders were exposed metal, painted for both aesthetic and maintenance purposes. | |
| 1. Sample taps for sampling sludge tapped into sludge line/pump. Make up air diagnosed to ensure proper temperature, humidity for room. | 2. | | | | | | | | |
| Old roof unit unrepairable and removed, cover opening and remove electric. | | | | | | | | | |
| 3. Flooring in building uneven due to renovations creating low spot by electric panels. Flooring evened out to eliminate slipping and safety hazard by panel. | | | | | | | | | |
| 4. Existing stairs in room were corroded due to storage of previous chemicals. Sanded, polished and painted stairs. Grinders were exposed metal, painted for both aesthetic and maintenance purposes. | | | | | | | | | |
| ATTACHMENTS: Engineer Change Order | | | | | | | | | |
| CHANGE IN CONTRACT PRICE | CHANGE IN CONTRACT TIME | | | | | | | | |
| Original Contract price: <u>\$ 606,252.00</u> | Original Contract deadline: | | | | | | | | |
| Previous Change Orders: <u>\$ 71,764.17</u> | Previous Change Orders: | | | | | | | | |
| Contract Price prior to this Change Order: <u>\$ 678,016.17</u> | Contract deadline prior to this Change Order: | | | | | | | | |
| Net Increase (Decrease) of this Change Order <u>\$ 10,860.12</u> | Net Increase (Decrease) of this Change Order: | | | | | | | | |
| Contract price with all approved Change Order: <u>\$ 688,876.29</u> | Contract deadline with all approved Change Order: | | | | | | | | |

RECOMMENDED:

 Environmental Service Manager 1/5/12
 Date

APPROVED:

 Finance Director 01/6/12
 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.