

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION AUTHORIZING THE APPROVAL OF CHANGE ORDER NO. 1 FOR BARGE, WAGGONER, SUMNER AND CANNON, INC. RELATIVE TO CONTRACT NO. W-11-007-102, MBWWTP EFFLUENT DISINFECTION SYSTEM UPGRADE, FOR AN INCREASED AMOUNT OF SEVENTY-NINE THOUSAND DOLLARS (\$79,000.00), FOR A REVISED CONTRACT AMOUNT NOT TO EXCEED EIGHT HUNDRED ELEVEN THOUSAND DOLLARS (\$811,000.00).

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BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the approval of Change Order No. 1 for Barge, Waggoner, Sumner and Cannon, Inc. relative to Contract No. W-11-007-102, MBWWTP Effluent Disinfection System Upgrade, for an increased amount of \$79,000.00, for a revised contract amount not to exceed \$811,000.00.

ADOPTED: \_\_\_\_\_, 2016

/mem

# City of Chattanooga



## Resolution/Ordinance Request Form

Date Prepared: February 10, 2016

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # \_\_\_\_\_ Council District # 1

A City Council resolution is requested to approve the Change Order No. 1, for Barge Waggoner Sumner & Cannon, Inc., relative to Contract No. W-11-007-102, MBWWTP Effluent Disinfection System Upgrade, for an increased amount of \$79,000.00 for a revised contract amount not to exceed \$811,000.00.

Name of Vendor/Contractor/Grant, etc.	<b>Barge Waggoner Sumner &amp; Cannon, Inc.</b>	New Contract/Project? (Yes or No)	No
Total project cost \$	811,000.00	Funds Budgeted? (YES or NO)	Yes
Total City of Chattanooga Portion \$	811,000.00	Provide Fund	6012
City Amount Funded \$	811,000.00	Provide Cost Center	K37116
New City Funding Required \$	79000.00	Proposed Funding Source if not budgeted	
City's Match Percentage %		Grant Period (if applicable)	SRF 2012-307

List all other funding sources and amount for each contributor.

Amount(s)	Grantor(s)
\$811,000.00	SRF 2012 - 307

Agency Grant Number

CFDA Number if known

Other comments: (Include contingency amount, contractor, and other information useful in preparing resolution)

Funding is ISS Funding from previous FY.

Approved by:

DESIGNATED OFFICIAL/ADMINISTRATOR

Reviewed by: FINANCE OFFICE

Please submit completed form to @budget, City Attorney and City Finance Officer

Revised: 1/26/09



**CITY OF CHATTANOOGA  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION**

1250 Market Street, Suite 2100  
Chattanooga, TN 37402  
Phone: (423) 643-6033  
Fax: (423) 643-6008

**CHANGE ORDER**

Contract No.:	<u>W-11-007-102</u>	Change Order No.:	<u>1</u>
Contractor:	<u>Smith Contractors, Inc.</u>	Date:	<u>2/5/2016</u>
Engineer:	<u>Barge Waggoner Sumner &amp; Cannon, Inc.</u>	Council Resolution No.:	<u>27374</u>
Project Name:	<u>MBWWTP Effluent Disinfection System Upgrade</u>	(Attach Copies)	<u></u>

Check Reason for Change Order	Contract Days Changed: <u></u>	Original Contract Amount	\$ <u>732,000.00</u>
<input type="checkbox"/> Error/Omission	Revised Completion Date: <u></u>	Net Change by Previous C.O.s	\$ <u></u>
<input type="checkbox"/> Field Condition		Contract Amount Prior to this C.O.	\$ <u>732,000.00</u>
<input type="checkbox"/> Field Dispute Settlement		Total Amount of this C.O.	\$ <u>79,000.00</u>
<input type="checkbox"/> Owner Request		<b>NEW CONTRACT AMOUNT</b>	\$ <u>811,000.00</u>
<input type="checkbox"/> Value Engineering			

Other:  
Scope Increase

**Description / Justification (Add more pages if necessary)**

Request for additional Construction Administration phase services. The scope and effort for Construction Administration Services (Task 4) increased significantly due to the increase in size, cost, and complexity of the construction project. Also, BWSC designed a revised route and construction method for sodium hypo distribution piping at City's request. Request additional RPR phase services (Task 6) due to 58 day contract extension authorized for the contractor to date. Time extension is to the revised substantial completion date which will require RPR effort to monitor CCB 6 construction and transition from gas chlorine to sodium hypochlorite. See attached CRF 3 approved by City and Program Manager.

The terms and conditions of this Change Order, including the cost and time contained herein, constitute a full accord and complete satisfaction for all costs and time of performance related to the work described or referenced herein, including but not limited to, all delay and impact costs for the entire Project resulting from this Change Order. Except as amended herein, all provisions of the Contract remain in full force and effect.

**APPROVALS**

<b>CONTRACTOR</b>		<b>CONSULTANT</b>	
<u>N/A</u>		<u>[Signature]</u>	<u>2/5/16</u>
Signature	Date	Signature	Date
<b>CONSENT DECREE PROGRAM MANAGER</b>		<b>CITY PROJECT MANAGER</b>	
<u>[Signature]</u>	<u>2-8-16</u>	<u>[Signature]</u>	<u>2.10.16</u>
Signature	Date	Signature	Date
<b>CITY ENGINEER</b>		<b>DIRECTOR OF WASTE RESOURCES DIVISION</b>	
<u>[Signature]</u>	<u>2/10/16</u>	<u>[Signature]</u>	<u>2/8/16</u>
Signature	Date	Signature	Date
<b>ADMINISTRATOR OF PUBLIC WORKS</b>		<b>CITY FINANCE OFFICER</b>	
Signature	Date	Signature	Date



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### CHANGE REQUEST FORM (CRF)

Contract No.: W-11-007-102 Change Request No.: 3  
 Contractor: Smith Contractors, Inc. Date Issued: 1/19/2016  
 Engineer: Barge, Waggoner, Sumner & Cannon, Inc. Purchase Order No.: \_\_\_\_\_  
 Project Name: MBWWTP Effluent Disinfection System Upgrade Drawing No.: N/A  
 Requested By: BWSC

**Description / Justification (Add more pages if necessary)**

Request for additional Construction Administration phase services. The scope and effort for Construction Administration Services (Task 4) Increased significantly due to the increase in size, cost, and complexity of the construction project. Also, designed revised construction method and route for sodium hypo distribution piping at City's request. Also, request additional RPR phase services (Task 6) due to 48 day contract extension authorized for the contractor. Time extension is to the substantial completion date which will require RPR effort monitoring CCB 6 construction during the 120 day transition period from gas chlorine to sodium hypo when RPR effort was anticipated to be limited. RPR amount estimated based on 48 days at 8 hours/day at \$80/hour rate.

**Revised Scope Description/Details**

Item No.	Description	Unit	Qty	Unit Price	Items Total
<b>Add</b>					
1	Task 4 - Additional Shop Drawing Review (up to 70 additional submittals)				\$ 15,000.00
2	Task 4 - Additional Contractor RFI Review (up to 24 additional RFI's)				\$ 9,000.00
3	Task 4- Design revised route for CL feed piping above ground				\$ 25,000.00
4	Task 6 - Additional RPR Services for approved contract extension (48 days thru CRF 6)				\$ 30,000.00
<b>Deduct</b>					

**Contractor Acknowledgement:**

No Change in Contract Amount is required  A Change in Contract Amount is required: \$ 79,000.00  
 No Change in Contract Time is required  A Change in Contract Time is required: \_\_\_\_\_ days

**APPROVALS**

<b>CONTRACTOR</b>		<b>CONSULTANT</b>	
Signature	Date	Signature	Date
		<i>[Signature]</i>	<u>1/20/16</u>
<b>CONSENT DECREE PROGRAM MANAGER</b>		<b>CITY PROJECT MANAGER</b>	
Change In Contract Amount is within the Contingency Amount authorized under Resolution No. <u>27374</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Change In Contract Amount is within the Contingency Amount authorized under Resolution No. <u>27374</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Signature	Date	Signature	Date
<i>[Signature]</i>	<u>1-21-16</u>	<i>[Signature]</i>	<u>1.26.16</u>
<b>ASSISTANT CITY ENGINEER</b>		<b>DIRECTOR OF WASTE RESOURCES DIVISION</b>	
Proceed with Execution <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Proceed with Execution <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Signature	Date	Signature	Date
<i>[Signature]</i>	<u>1/26/16</u>	<i>[Signature]</i>	<u>1/26/16</u>