

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING CHANGE ORDER NO. 1 (FINAL) FOR CHATTANOOGA HOUSING AUTHORITY RELATIVE TO CONTRACT NO. W-12-001-801, CITY SANITARY SEWER REHABILITATION FOR BOYNTON TERRACE APARTMENTS, FOR A DECREASED AMOUNT OF TWENTY-EIGHT THOUSAND EIGHT HUNDRED TWO AND 90/100 DOLLARS (\$28,802.90), FOR A REVISED AMOUNT NOT TO EXCEED EIGHTEEN THOUSAND THREE HUNDRED NINETY-SEVEN AND 10/100 DOLLARS (\$18,397.10).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing Change Order No. 1 (Final) for Chattanooga Housing Authority relative to Contract No. W-12-001-801, City Sanitary Sewer Rehabilitation for Boynton Terrace Apartments, for a decreased amount of \$28,802.90, for a revised amount not to exceed \$18,397.10.

ADOPTED: _____, 2012.

/mms

City of Chattanooga



Resolution/Ordinance Request Form

Date Prepared: 10/31/12

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # _____ Council District #

8

A City Council resolution is requested to approve the Change Order No. 1 (Final), for the Chattanooga Housing Authority, relative to Contract No. W-12-001-801, City Sanitary Sewer Rehabilitation for Boynton Terrace Apartments, for a decreased amount of \$28,802.90, for a revised agreement amount not to exceed \$18,397.10.

Name of Vendor/Contractor/Grant, etc.	Chattanooga Housing Authority	New Contract/Project? (Yes or No)	No
Total project cost \$	18,397.10	Funds Budgeted? (YES or NO)	Yes
Total City of Chattanooga Portion \$	18,397.10	Provide Fund	6010
City Amount Funded \$	18,397.10	Provide Cost Center	K3105
New City Funding Required \$	\$(28,802.90)	Proposed Funding Source if not budgeted	
City's Match Percentage %		Grant Period (if applicable)	

List all other funding sources and amount for each contributor.

Amount(s)	Grantor(s)

Agency Grant Number

CFDA Number if known

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

Approved by: _____

Reviewed by: FINANCE OFFICE

DESIGNATED OFFICIAL/ADMINISTRATOR

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

Revised: 1/26/09



CITY OF CHATTANOOGA
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

Development Resource Center
1250 Market Street, Suite 2100
Chattanooga, TN 37402
Phone: (423) 757-5117
Fax: (423) 757-0586

CHANGE ORDER

Contract No.: W-12-001-801
Contractor: Chattanooga Housing Authority
Tower Construction

Change Order No.: 1 (Final)
Date: October 30, 2012

Project Name: CHA - City Sanitary Sewer Rehabilitation for Boyton
Terrace Apartments

Council Res. #'s: 26972
(Attach Copies)

- Check Reason for Change Order Contract Days Changed: _____
- Error/Omission
- Field Condition Revised Completion Date: _____
- Field Dispute Settlement
- Owner Request
- Value Engineering
- Other: Change Field Condition

Original Contract Amount \$ 47,200.00
Net Change by Previous C.O.s \$ _____
Contract Amount Prior to this C.O. \$ 47,200.00
Total Amount of this C.O. \$ (28,802.90)
NEW CONTRACT AMOUNT \$ 18,397.10

Description / Justification (Add more pages if necessary)
The work is complete per change field condition.

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

CONTRACTOR		ENGINEER / ARCHITECT	
<i>Naved</i> Signature	 Signature	<u>CHA</u> Date	 Date
 Signature	 Signature	 Date	 Date
CITY PROJECT MANAGER		CITY ENGINEER	
 Signature	 Signature	 Date	 Date
 Signature	 Signature	 Date	 Date
ADMINISTRATOR OF PUBLIC WORKS		CITY FINANCE OFFICER	
 Signature	 Signature	 Date	 Date

CITY OF CHATTANOOGA
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 1250 Market Street, Suite 2100
 Chattanooga, TN 37402
 PHONE: (423) 757-5117 | Fax: (423) 757-0586



CR# 1

Date Issued: _____

CHANGE REQUEST FORM (CRF)

City Contract No. **W-12-001-801**
 Project Name: **Chattanooga Housing Authority(CHA) -City Sanitary Sewer Rehabilitation for Boynton Terrace Apartments**
 Engineer: **CTI Engineers, Inc.**
 Contractor: **Tower Construction**

Requested By: **City of Chattanooga**
 Drawing: **Not Applicable**
 Problem Desc: **Adjustment Final Agreement Amount to be Paid by City of Chattanooga to Chattanooga Housing Authority Based upon Actual Cost Incurred by CHA**

Revised Scope Description/Details

Final Cost of Work Performed on City Sewer (Schedule A): **\$9,454.00**
 Cost of Materials (Precast Manholes, Lids, and Pipe) Delivered to City: **\$7,248.90**
 Total Cost of Work and Materials Paid to Tower Construction: **\$16,602.90**

Agreed Share of CTI Engineering Cost to be Paid by City: **\$12,200.00**

TOTAL COST TO BE PAID BY CITY TO CHA: \$28,802.90

Total Amount Authorized by City per Resolution 26972 adopted February 7, 2012 : **\$47,200**

Contract Decrease Amount = \$47,200 - \$28,802.90 = **\$18,397.10**

Contractor Acknowledgement:

- No Change in Contract Amount is required.
- No Change in Contract Time is required.
- A Change in Contract Amount is required: **-\$18,397.10**
- A Change in Contract Time is required: _____ days

 Architect / Engineer / Inspector / RPR

Noweed 8/31/12

 Chattanooga Housing Authority

Change in Contract Amount is within the Contingency Amount authorized under Resolution No. **26972**

- Yes No

Allen D. Stephens, PE *Allen D. Stephens*

 Engineer / Architect Project Manager 8-30-12

Proceed with Execution

- Yes No

Conrad Summers 10/30/12

 City Project Manager

CITY OF CHATTANOOGA
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 1250 Market Street, Suite 2100
 Chattanooga, TN 37402
 PHONE: (423) 757-5117 | Fax: (423) 757-0586



CR# 1

Date Issued: _____

CHANGE REQUEST FORM (CRF)

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 Project Name: **Chattanooga Housing Authority(CHA) -City Sanitary Sewer Rehabilitation for Boynton Terrace Apartments**
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 Contractor: **Tower Construction**

Requested By: **City of Chattanooga**
 Drawing: **Not Applicable**
 Problem Desc: **Adjustment Final Agreement Amount to be Paid by City of Chattanooga to Chattanooga Housing Authority Based upon Actual Cost Incurred by CHA**

Revised Scope Description/Details

Final Cost of Work Performed on City Sewer (Schedule A): **\$9,454.00**
 Cost of Materials (Precast Manholes, Lids, and Pipe) Delivered to City: **\$7,248.90**
 Total Cost of Work and Materials Paid to Tower Construction: **\$16,602.90**

Agreed Share of CTI Engineering Cost to be Paid by City: **\$12,200.00**

TOTAL COST TO BE PAID BY CITY TO CHA: \$28,802.90

Total Amount Authorized by City per Resolution 26972 adopted February 7, 2012 : **\$47,200**

Contract Decrease Amount = \$47,200 - \$28,802.90 = **\$18,397.10**

Contractor Acknowledgement:

- No Change in Contract Amount is required. A Change in Contract Amount is required: **-\$18,397.10**
 No Change in Contract Time is required. A Change in Contract Time is required: _____ days

 Architect / Engineer / Inspector / RPR

Howard 8/31/12

 Chattanooga Housing Authority

Change in Contract Amount is within the Contingency Amount authorized under Resolution No. **26972**

Yes No

Allen D. Stephens, PE *Allen D. Stephens*

 Engineer / Architect Project Manager 8-30-12

Proceed with Execution

Yes No

Kenneth Simmons 10/30/12

 City Project Manager

CITY OF CHATTANOOGA
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 1250 Market Street, Suite 2100
 Chattanooga, TN 37402
 PHONE: (423) 757-5117 | Fax: (423) 757-0586



CR# 1

Date Issued: _____

CHANGE REQUEST FORM (CRF)

City Contract No. **W-12-001-801**
 Project Name: **Chattanooga Housing Authority(CHA) -City Sanitary Sewer Rehabilitation for Boynton Terrace Apartments**
 Engineer: **CTI Engineers, Inc.**
 Contractor: **Tower Construction**

Requested By: **City of Chattanooga**
 Drawing: **Not Applicable**
 Problem Desc: **Adjustment Final Agreement Amount to be Paid by City of Chattanooga to Chattanooga Housing Authority Based upon Actual Cost Incurred by CHA**

Revised Scope Description/Details

Final Cost of Work Performed on City Sewer (Schedule A): **\$9,454.00**
 Cost of Materials (Precast Manholes, Lids, and Pipe) Delivered to City: **\$7,248.90**
 Total Cost of Work and Materials Paid to Tower Construction: **\$16,602.90**

Agreed Share of CTI Engineering Cost to be Paid by City: **\$12,200.00**

TOTAL COST TO BE PAID BY CITY TO CHA: \$28,802.90

Total Amount Authorized by City per Resolution 26972 adopted February 7, 2012 : **\$47,200**

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Contractor Acknowledgement:

- No Change in Contract Amount is required. A Change in Contract Amount is required: **-\$18,397.10**
 No Change in Contract Time is required. A Change in Contract Time is required: _____ days

N.A.
 Architect / Engineer / Inspector / RPR

Noweed 8/31/12
 Chattanooga Housing Authority

Change in Contract Amount is within the Contingency Amount authorized under Resolution No. 26972

- Yes No

Allen D. Stephens, PE
 Engineer / Architect Project Manager
 8-30-12

Proceed with Execution

- Yes No

Conrad Simmons 10/30/12
 City Project Manager

CITY OF CHATTANOOGA
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 1250 Market Street, Suite 2100
 Chattanooga, TN 37402
 PHONE: (423) 757-5117 | Fax: (423) 757-0586



CR# _____

Date Issued: _____

CHANGE REQUEST FORM (CRF)

City Contract No. **W-12-001-801**
 Project Name: **Chattanooga Housing Authority(CHA) -City Sanitary Sewer Rehabilitation for Boynton Terrace Apartments**
 Engineer: **CTI Engineers, Inc.**
 Contractor: **Tower Construction**

Requested By: **City of Chattanooga**
 Drawing: **Not Applicable**
 Problem Desc: **Adjustment Final Agreement Amount to be Paid by City of Chattanooga to Chattanooga Housing Authority Based upon Actual Cost Incurred by CHA**

Revised Scope Description/Details

Final Cost of Work Performed on City Sewer (Schedule A): **\$9,454.00**
 Cost of Materials (Precast Manholes, Lids, and Pipe) Delivered to City: **\$7,248.90**
 Total Cost of Work and Materials Paid to Tower Construction: **\$16,602.90**

Agreed Share of CTI Engineering Cost to be Paid by City: **\$12,200.00**

TOTAL COST TO BE PAID BY CITY TO CHA: \$28,802.90

Total Amount Authorized by City per Resolution 26972 adopted February 7, 2012 : **\$47,200**

Contract Decrease Amount = \$47,200 - \$28,802.90 = **\$18,397.10**

Contractor Acknowledgement: <input type="checkbox"/> No Change in Contract Amount is required. <input type="checkbox"/> No Change in Contract Time is required.		<input type="checkbox"/> A Change in Contract Amount is required: -\$18,397.10 <input type="checkbox"/> A Change in Contract Time is required: _____ days	
_____ Architect / Engineer / Inspector / RPR		 _____ Chattanooga Housing Authority	
Change in Contract Amount is within the Contingency Amount authorized under Resolution No. 26972 <input type="checkbox"/> Yes <input type="checkbox"/> No _____		Proceed with Execution <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No _____	
Allen D. Stephens, PE Engineer / Architect Project Manager 8/30/12		 _____ City Project Manager 10/30/12	

Central File

C11015-3

RESOLUTION NO. 26972

A RESOLUTION AUTHORIZING THE ADMINISTRATOR OF THE DEPARTMENT OF PUBLIC WORKS TO ENTER INTO AN AGREEMENT WITH THE CHATTANOOGA HOUSING AUTHORITY RELATIVE TO PROJECT NO. W-12-001-801, CITY SANITARY SEWER REHABILITATION FOR BOYNTON TERRACE APARTMENTS, IN AN AMOUNT NOT TO EXCEED FORTY-SEVEN THOUSAND TWO HUNDRED DOLLARS (\$47,200.00).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, that the Administrator of the Department of Public Works is hereby authorized to enter into an agreement with the Chattanooga Housing Authority relative to Project No. W-12-001-801, City Sanitary Sewer Rehabilitation for Boynton Terrace Apartments, in an amount not to exceed \$47,200.00.

ADOPTED: February 7, 2012

/meb



City of Chattanooga

Department of Public Works
Engineering Division

Development Resource Center

1250 Market Street, Suite 2100 • Chattanooga, TN 37402-2713

(423) 643-6190 • Fax (423) 643-6008

March 23, 2012

Besty McCright
Chattanooga Housing Authority
801 North Holtzclaw Avenue
Chattanooga, TN 37404

**Re: Contract No. W-12-001-801
City Sanitary Sewer Rehab**

Dear Mrs. McBright:

Enclosed is a signed agreement of the above referenced contract that was approved by the City Council on February 7, 2012 by Resolution No. 26972.

If you have any further questions, please give me a call at (423) 643-6160.

Sincerely,

William C. Payne, P.E.
City Engineer

/arp

Enclosure

cc: Central Files

Water Quality Management
(423) 643-5877
FAX: (423) 643-5862

Technical Information Center
(423) 643-6033
FAX: (423) 643-6027



City of Chattanooga
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT RESOURCE CENTER
ENGINEERING DIVISION
1250 MARKET STREET, SUITE 2100
Chattanooga, Tennessee 37402-2713

Date: March 15, 2012

To: Daisy Madison

From: Angela R. Patton *ARP*

**RE: Contract No. W-12-001-801
City Sanitary Sewer Rehab**

Enclosed is a change order relative to the above referenced for Chattanooga Housing Authority that was approved by the City Council on February 7, 2012 by Resolution No. 26972.

Please sign and return back to me.

Thanks for your cooperation.

/arp

City of Chattanooga



Resolution/Ordinance Request Form

Date Prepared: 1/18/12

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # _____ Council District # 8

A Council Action is requested for the Administrator of the Department of Public Works to enter into an agreement with Chattanooga Housing Authority, relative to Project No. W-12-001-801, City Sanitary Sewer Rehabilitation for Boynton Terrace Apartments, in an amount not to exceed \$47,200.00.

Name of Vendor/Contractor/Grant, etc.	<u>Chattanooga Housing Authority</u>	New Contract/Project? (Yes or No)	<u>No</u>
Total project cost \$	<u>47,200.00</u>	Funds Budgeted? (YES or NO)	<u>Yes</u>
Total City of Chattanooga Portion \$	<u>47,200.00</u>	Provide Fund	<u>6010</u>
City Amount Funded \$	<u>47,200.00</u>	Provide Cost Center	<u>K3105</u>
New City Funding Required \$	<u>0</u>	Proposed Funding Source if not budgeted	_____
City's Match Percentage %	_____	Grant Period (if applicable)	_____

List all other funding sources and amount for each contributor.

Amount(s)	Grantor(s)
\$ _____	_____
_____	_____
_____	_____

Agency Grant Number _____

CFDA Number if known _____

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

Approved by:

Reviewed by: FINANCE OFFICE

DESIGNATED OFFICIAL/ADMINISTRATOR

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

Revised: 1/26/09

AGREEMENT
(CITY OF CHATTANOOGA
PROJECT NO. W-12-001-801)

JAN 27 2012

CP

The City of Chattanooga (CITY) and the Chattanooga Housing Authority (CHA) agree to enter into an Agreement for the repair of a portion of City Sanitary Sewer that serves the Boynton Terrace Apartments that runs behind Boynton Terrace Towers 2 & 3 located at 953 and 951 Boynton Street in Chattanooga, Tennessee. The CHA has identified a number of point repairs to both the sanitary and storm sewers that serve the Boynton Terrace Apartments and the Community Building in the apartment complex. While the CHA plans to issue a contract to make these point repairs, the benefits of these point repairs will not be fully realized unless the problems identified in the CITY's Sanitary Sewer are corrected. The CITY and CHA agree that CHA point repairs and the repair of the problem portion of the CITY Sewer can best be accomplished by a single contractor under a single contract. The CITY and CHA agree that each party has certain responsibilities to make this project succeed as part of an Agreement.

The responsibilities of each party are as follows:

CHA Responsibilities:

1. CHA shall obtain and contract for the services of a consultant and a contractor to provide the design and construction for repair/rehabilitation of approximately 230 feet of sanitary sewer (including four new sanitary sewer manholes). This sewer currently has a reverse grade and unless corrected will continue to cause blockage problems and impede effective conveyance of sanitary sewer flows from the Boynton Terrace Apartments to the CITY sanitary sewer.
2. CHA shall require consultant to prepare a separate bid schedule for the repair work associated with the repair/rehab of the CITY sewer portion of the work such that the actual cost of repair of the CITY portion of the work can be accurately determined.
3. CHA shall competitively bid the repair work and have its consultant oversee the construction phase portion of the project in order that it is installed with detailed plans and specifications and in compliance with CITY sewer standards.
4. CHA shall provide CITY a preliminary set of plans and specifications for proposed repair/rehab prior to final design and bidding.

CITY Responsibilities:

1. The CITY shall provide CHA's consultant with latest CITY standards for sanitary sewer construction.

2. The CITY shall provide timely review comments on preliminary plans and specifications so as not to delay the CHA project.
3. The CITY shall pay the actual construction cost for the work associated with the repair/replacement of the CITY Sewer in an amount not to exceed \$35,000, based upon the opinion of probable cost (attached) plus 10 percent contingency.
4. The CITY shall pay a fair share of the design, bidding, construction administration, and on-site Resident Project Representative cost incurred by the CHA from its consultant.
5. The CITY agrees that a fair share of the consultant's cost is \$12,200.
6. The CITY will promptly reimburse the CHA upon submittal of paid invoices for Consultant's fee and construction cost for rehab of the CITY sewer.

The CITY and CHA are in agreement to the above terms as they pertain to the repair/rehab costs of a certain portion of the CITY's sanitary sewer serving the Boynton Terrace Apartment Complex. By the execution of signatures below, both parties agree to enter into a Partnership Agreement.

AGREEMENT

The terms as described above are agreeable to the Chattanooga Housing Authority, and as an Officer of the said Authority, I hereby agree to the terms as described.

Betsy McCright Date: 1/20/12
 Betsy McCright, Executive Director - Chattanooga Housing Authority

The terms as described above are agreeable to the City of Chattanooga, and as the Administrator of Public Works, I hereby agree to the terms as described.

Steve Leach Date: 17 March 12
 Steve Leach, Public Works Administrator

July W. Madison 3/19/12

Table 1
Opinion of Probable Cost
City Sanitary Sewer Repair-Replacement
(City of Chattanooga Project No. W-12-001-801)
Boynton Terrace Apartments Waste Vent Lines Study
CHATTANOOGA HOUSING AUTHORITY
CTI Project No. C11015-2

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>No. Units</u>	<u>Unit Price</u>	<u>Item Cost</u>
1	Mobilization	LS	1	\$500.00	\$500
2	Silt Fence	LF	250	\$2.50	\$625
3	Bypass Pumping	LS	1	\$1,000.00	\$1,000
4	Remove Old Manholes & Install New I	EA	4	\$2,500.00	\$10,000
5	8"x6" Service Wyes	EA	1	\$200.00	\$200
6	8"x4" Service Wyes	EA	1	\$225.00	\$225
7	10 " SDR 35 PVC 8'-10' deep	LF	230	\$68.00	\$15,640
8	Deflecting Testing	LF	230	\$2.50	\$575
9	Topsoil & Seeding	LF	225	\$5.00	\$1,125
10	Pavement Replacement	SY	20	\$25.00	\$500
11			0		\$0
12			0		\$0
13			0		\$0
14			0		\$0
	<i>Subtotal</i>				\$30,390
	Contingency (15%+/-)				\$4,610
	Total Estimated Construction Dollars				\$35,000