

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE APPROVAL OF CHANGE ORDER NO. 4 FOR HDR ENGINEERING, INC. RELATIVE TO CONTRACT NO. E-10-012-101, ROSS'S LANDING PARK IMPROVEMENTS AND REPAIRS, PHASE 3 ADDITIONAL WORK, FOR AN INCREASED AMOUNT OF TWO HUNDRED NINETEEN THOUSAND FOUR HUNDRED TWENTY-FIVE AND 60/100 DOLLARS (\$219,425.60), FOR A REVISED CONTRACT AMOUNT NOT TO EXCEED ONE MILLION ONE HUNDRED ONE THOUSAND ONE HUNDRED FORTY AND 72/100 DOLLARS (\$1,101,140.72).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the approval of Change Order No. 4 for HDR Engineering, Inc. relative to Contract No. E-10-012-101, Ross's Landing Park Improvements and Repairs, Phase 3 additional work, for an increased amount of \$219,425.60, for a revised contract amount not to exceed \$1,101,140.72.

ADOPTED: _____, 2015

/mem

City of Chattanooga



Resolution/Ordinance Request Form

Date Prepared: October 15, 2015

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # _____

Council District # _____

7

A City Council resolution is requested to approve the Change Order No. 4, for HDR Engineering, Inc., relative to Contract No. E-10-012-101, Ross's Landing Park Improvements and Repairs, Phase 3 Additional Work, for an increased amount of \$219,425.60, for a revised contract amount not to exceed \$1,101,140.72.

Name of Vendor/Contractor/Grant, etc. HDR Engineering, Inc.

New Contract/Project? (Yes or No) No

Total project cost \$ 1,101,140.72

Funds Budgeted? (YES or NO) Yes

Total City of Chattanooga Portion \$ 1,101,140.72

Provide Fund 4021

City Amount Funded \$ 1,101,140.72

Provide Cost Center A60416

New City Funding Required \$ \$ 219,425.60

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)

FY13 General Fund Capital Budget (Parks)

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) 643-6000
Fax: (423) 643-6008

CHANGE ORDER

Contract No.: E-10-012-101
 Consultant: HDR Engineering
 Project Name: Ross's Landing Park Improvements and Repairs
Implementation - Phase 4

Change Order No.: 4
 Date: 10/18/2015
 Council Res. #'s:
 (Attach Copies) 27450
27566
27877
28195

Check Reason for Change Order

- Error/Omission
 Field Condition
 Field Dispute Settlement
 Owner Request
 Value Engineering

Contract Days Changed: _____

Revised Completion Date: March 1, 2016

Original Contract Amount \$ 828,854.00
 Net Change by Previous C.O.s \$ 52,861.12
 Contract Amount Prior to this C.O. \$ 881,715.12
 Total Amount of this C.O. \$ 221,225.60
NEW CONTRACT AMOUNT \$ 1,102,940.72

Other: To correct the levelness of the concrete beams in the Terrace Section, to provide Engineering Design, Construction Administration and Inspection Services. Also includes extended Construction Administration and Inspection Services for Phase 3 work.

Description / Justification (Add more pages if necessary)
 See attached information per CRF.

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/CONSULTANT | | ENGINEER / ARCHITECT | |
|---|-------------------|--|-----------------|
| Arthur B. Colwell, P.E., Vice President / Managing Principal, HDR Engineering | | N/A | |
| <i>Arthur B. Colwell</i> | <u>10-20-15</u> | | |
| Signature | Date | Signature | Date |
| CITY PROJECT MANAGER | | CITY ENGINEER | |
| Alan Ogle, P.E., Senior Engineer, Project Manager | | Dennis Malone, Assistant City Engineer | |
| <i>Alan Ogle</i> | <u>10-22-2015</u> | <i>Dennis Malone</i> | <u>10/22/15</u> |
| Signature | Date | Signature | Date |
| ADMINISTRATOR OF PUBLIC WORKS | | CITY FINANCE OFFICER | |
| | | | |
| Signature | Date | Signature | Date |



September 17, 2015

J232253

Mr. Alan Ogle, PE
Senior Engineer
City of Chattanooga
Development Resource Center
1250 Market Street, Suite 2100
Chattanooga, TN 37402

**RE: PROPOSAL FOR EXTENSION OF CONSTRUCTION ADMINISTRATION /
OBSERVATION SERVICES FOR THE ROSS'S LANDING PARK IMPROVEMENTS
PROJECT THROUGH JANUARY 1, 2016**

Dear Mr. Ogle:

It appears we're on the home stretch in completing the Ross's Landing Park, and we're thankful to have been part of the process. From our initial involvement in the condition assessment, we've looked forward to assisting the City of Chattanooga (City) in achieving its goal of a restored downtown riverfront park.

HDR's original Bidding / Construction Administration / Observation Services contract with the City was adopted by City Council on May 27, 2014 (Resolution No. 27877).

Bid phase services began soon after the submittal of contract documents to the City on April 25, 2014. Bids were opened June 5, 2014, and the construction contract awarded to Smith Contractors, Inc. (Contractor). Notice to Proceed was issued July 23, 2014, with the expected construction (boots-on-the-ground) start date of November 3, 2014. The original scheduled construction end date was May 1, 2015.

The Contractor was not able to complete the work by the original contracted end date. He received an extension of time which put his end date at September 11, 2015. Additional work has been authorized which will now put the expected construction end date on January 1, 2016.

HDR's first request for a time extension (Change Request #2 – authorized 07/20/15) was authorized through July 31, 2015. This second time extension request will allow for construction administration and observation services through January 1, 2016.

Note that construction closeout services (punch list walkthrough, record drawings, etc.) were included in the Original Contract. These services will still be performed at the conclusion of the field

1201 Market Street, Suite C, Chattanooga, TN 37402-2714
T 423.414.3554 F 423.634.0458

work; no costs for these are included in this extension request. See the table below for further clarity.

SCOPE OF WORK

Our scope of work will continue uninterrupted, and will continue to include the following:

- **Project Management and Controls.** Project management and controls will be used to schedule the work, assign staff, and communicate the status of the project to the City of Chattanooga. This task assumes 8 hours/week for a Project Manager (PM).
- **Construction Administration/Observation Services.** We will provide a part-time (24 hours/week) onsite Resident Project Representative (RPR) during the remaining period of construction.

The Engineer of Record (EOR) will continue to make monthly site visits for the duration of the construction period. The EOR will also participate in the final inspection and issue a Certificate of Completion to the City for the project.

The RPR will review "red-line" drawings, and based on those, prepare a set of record drawings for delivery to the City.

The following is a general timeline, based on the current construction completion date of January 1, 2016, indicating the periods of time when our efforts will be either full- or part-time.

| Dates | Work Effort | Description | Remarks |
|-------------------------------------|------------------------|--|--|
| Aug. 2, 2015 – Sept. 11, 2015 | Full-time Part-time | 45hr/wk for 6 weeks for RPR 8hr/wk for 6 weeks for PM | Fee included in this Extension Request |
| Sept. 20, 2015 – Jan. 1, 2016 | Part-time Part-time | 24hr/wk for 15 weeks for RPR 8hr/wk for 15 weeks for PM | Fee included in this Extension Request |
| Oct. 2015 Nov. 2015 Dec. 2015 | (3) Site visits | 24hr/visit for PM or EOR | Fee included in this Extension Request |
| Jan. 4, 2016 – Jan. 22, 2016 | Part-time | Construction Substantially Complete; Punch List; Site Clearing | Fee not included in this Extension Request; Covered in Original Contract |
| Jan. 25, 2016 – Feb. 19, 2016 | Part-time | Record Drawings; Certificate of Completion; Final Pay App | Fee not included in this Extension Request; Covered in Original Contract |

PROPOSED FEES

In order to accomplish the work described above in the Scope of Work above, HDR proposes to provide these services on a Lump Sum Basis for an additional fee of **\$127,150**. The basis for our estimate is provided in Attachment A – *Project Proposal Summary*. We understand the terms of this project will be covered via an amendment to our existing contract No. E-10-012-101, *21st Century Waterfront Ross's Landing: Riverfront Parkway Phase I Evaluation – Investigation*, as approved by City Council Resolution No. 26622.

AUTHORIZATION

If you concur with this proposal, please prepare a Change Request Form (CRF) for our signature in preparation for execution. Any work outside the Scope will be done, with authorization from you, via a formal CRF, in accordance with the *HDR's Schedule of Rates (No. 1-15)* as found in Attachment B, or agreed to lump sum fee. This proposal is valid for 45 days from the date of this document.

Invoicing will continue to be submitted on a monthly basis with the monthly status reports to provide updates regarding completed progress.

HDR issues new rate schedules in January of each year. Based on the anticipated project execution schedule, we have included a five-percent contingency to cover the anticipated increase in fees for the work occurring after January 1, 2016.

Thank you again for allowing us to help you complete this project. We look forward to continuing our working relationship with you and your staff on this challenging project. If you have any questions or require additional information, please do not hesitate to contact me at 361-696-3347.

Sincerely,

HDR ENGINEERING, INC.



Daniel E. Garza, P.E.
Project Manager



Shane R. Womack, P.E.
Associate Vice President



Arthur B. Cowell, P.E.
Vice President

Enclosures:

Attachment A – Project Proposal Summary
Attachment B – HDR's Schedule of Rates, No. 1-15



PROJECT PROPOSAL SUMMARY

Client Point of Contact:
Client Organization:
Project Name:
Project Manager (HDR):
Proposal Number:

Mr. Alan Ogle, PE
 City of Chattanooga
 CHATT_Project Extension to Jan 1, 2016
 DEG
 J232253

| A. Task Description | HDR Task Code | Labor (\$) | Expenses / Reimbursables (\$) | | Phase Subtotals (\$) |
|---|---------------|------------|-------------------------------|---------------------------|----------------------|
| | | | In-House | Outside with markup @ 10% | |
| 1 Initiation / Controls | 01 | \$0 | - | - | - |
| 2 Extension of CA/CO Services | 02 | \$116,458 | \$ | 4,637 | 121,094 |
| 3 not used3 | - | \$0 | - | - | - |
| 4 not used4 | - | \$0 | - | - | - |
| 5 not used5 | - | \$0 | - | - | - |
| 6 not used6 | - | \$0 | - | - | - |
| 7 not used7 | - | \$0 | - | - | - |
| 8 not used8 | - | \$0 | - | - | - |
| Services Subtotal | | | | | 121,094 |
| B. Project Contingency: | | | | | 5% |
| C. Subconsultants | | | | | 10% |
| 1 Sub Company | \$ | - | Sub Fee | - | \$ |
| 2 Sub Company | \$ | - | Management Fee | - | \$ |
| 3 Sub Company | \$ | - | | - | \$ |
| 4 Sub Company | \$ | - | | - | \$ |
| 5 Sub Company | \$ | - | | - | \$ |
| Subconsultants Subtotal | | | | | 6,055 |
| D. GRAND TOTAL (PROJECT) (A+B+C) | | | | | \$ 127,149 |



SCHEDULE OF RATES

These rates are effective through December 2015

| PROFESSIONAL STAFF | HOURLY RATE | PARA-PROFESSIONAL STAFF HOURLY RATE |
|---------------------------------------|--------------------|---|
| Engineer I..... | \$113.50 | Administrative Assistant..... \$82.50 |
| Engineer II..... | \$124.00 | Drafter..... \$85.00 |
| Engineer III..... | \$139.50 | Technician I..... \$98.00 |
| Engineer IV..... | \$155.00 | Technician II.....\$111.00 |
| Engineer V..... | \$170.50 | Technician III..... \$124.00 |
| Engineer VI..... | \$191.00 | Designer Tech IV.....\$137.00 |
| Engineer VII..... | \$211.50 | |
| Engineer VIII..... | \$232.50 | EQUIPMENT/IT |
| Principal Engineer..... | \$253.00 | GPS RTK Survey Equipment.....250.00/Day |
| Sr. Principal Engineer..... | \$273.50 | GPS Hand Held (Sub Meter).....135.00/Day |
| Program Director..... | \$294.50 | Tow Vehicle.....65.00/day + IRS rate + 10% |
| Project Biologist/GIS Specialist..... | \$134.00 | Survey Boat750.00/Day |
| Environmental Biologist..... | \$155.00 | GPS Hydrographic Survey Equip.....250.00/Day |
| Sr. Environmental Biologist..... | \$175.50 | Acoustic Doppler Velocimeter (ADV)....1,000.00/Wk |
| Environmental Manager..... | \$196.00 | Water Level Logger.....300.00/Wk |
| | | IT Equip/Services 3.70/Hr |
| | | EXPENSES |
| | | Automobile (other than rental car) IRS rate + 10% |
| | | In house reproduction prevailing commercial rates |
| | | Outside consultants.....cost plus 15% handling |
| | | Outside technical services.....cost plus 15% handling |
| | | All other expensescost plus 15% handling |

1. Charges are due and payable within thirty (30) days of receipt of the invoice. A charge of 1% per month will be added for late payments.
2. Construction administration staff will be billed at an equivalent grade, depending upon qualifications.
3. Unlisted scientists and other non-engineer professionals will be billed at the rate of a comparable engineer grade.
4. Overtime for para-professional and non-registered survey staff will be billed at 125% of the hourly rate and overtime will apply for hours worked in excess of 8 hours per day or 40 per week.
5. Time spent preparing for and providing depositions or courtroom testimony will be billed at 150% of the hourly rate.

RESOLUTION NO. 28195

A RESOLUTION AUTHORIZING THE APPROVAL OF CHANGE ORDER NO. 3 FOR HDR ENGINEERING, INC. RELATIVE TO CONTRACT NO. E-10-012-101, ROSS'S LANDING PARK IMPROVEMENTS AND REPAIRS, PHASE 3, FOR AN INCREASED AMOUNT OF THIRTY-SIX THOUSAND THREE HUNDRED DOLLARS (\$36,300.00), FOR A REVISED CONTRACT AMOUNT NOT TO EXCEED EIGHT HUNDRED EIGHTY-ONE THOUSAND SEVEN HUNDRED FIFTEEN AND 12/100 DOLLARS (\$881,715.12).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the approval of Change Order No. 3 for HDR Engineering, Inc. relative to Contract No. E-10-012-101, Ross's Landing Park Improvements and Repairs, Phase 3, for an increased amount of \$36,300.00, for a revised contract amount not to exceed \$881,715.12.

ADOPTED: March 31, 2015

/mem

RESOLUTION NO. 27877

A RESOLUTION AUTHORIZING THE APPROVAL OF CHANGE ORDER NO. 2 FOR HDR ENGINEERING, INC. RELATIVE TO CONTRACT NO. E-10-012-101, ROSS'S LANDING PARK IMPROVEMENTS AND REPAIRS, PHASE 3 (BID/AWARD, CONSTRUCTION ADMINISTRATION AND RESIDENT PROJECT REPRESENTATION), FOR AN INCREASED AMOUNT OF FOUR HUNDRED FORTY-TWO THOUSAND FOUR HUNDRED EIGHTY-FIVE DOLLARS (\$442,485.00), FOR A REVISED CONTRACT AMOUNT NOT TO EXCEED EIGHT HUNDRED FORTY-FIVE THOUSAND FOUR HUNDRED FIFTEEN AND 12/100 DOLLARS (\$845,415.12).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the approval of Change Order No. 2 for HDR Engineering, Inc. relative to Contract No. E-10-012-101, Ross's Landing Park Improvements and Repairs, Phase 3 (Bid/Award, Construction Administration and Resident Project Representation), for an increased amount of \$442,485.00, for a revised contract amount not to exceed \$845,415.12.

ADOPTED: May 27, 2014

/mem

RESOLUTION NO. 27566

A RESOLUTION AUTHORIZING THE APPROVAL OF CHANGE ORDER NO. 1 FOR HDR ENGINEERING RELATIVE TO CONTRACT NO. E-10-012-101, ROSS'S LANDING PARK IMPROVEMENTS AND REPAIRS, PHASE II (DETAILED DESIGN AND ENGINEERING), FOR A DECREASED AMOUNT OF FOUR HUNDRED TWENTY-FIVE THOUSAND NINE HUNDRED TWENTY-THREE AND 88/100 DOLLARS (\$425,923.88), FOR A REVISED CONTRACT AMOUNT NOT TO EXCEED FOUR HUNDRED TWO THOUSAND NINE HUNDRED THIRTY AND 12/100 DOLLARS (\$402,930.12).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the approval of Change Order No. 1 for HDR Engineering relative to Contract No. E-10-012-101, Ross's Landing Park Improvements and Repairs, Phase II (Detailed Design and Engineering), for a decreased amount of \$425,923.88, for a revised contract amount not to exceed \$402,930.12.

ADOPTED: July 16, 2013.

/mms

RESOLUTION NO. 27450

A RESOLUTION AUTHORIZING THE ADMINISTRATOR OF THE DEPARTMENT OF PARKS AND RECREATION TO ENTER INTO AN AGREEMENT FOR PHASE II DETAILED DESIGN AND ENGINEERING TO INCLUDE BID SPECIFICATIONS WITH HDR ENGINEERING, INC. BY AMENDING THE PRESENT CONTRACT NO. E-10-012-101, FOR ROSS' LANDING PARK IMPROVEMENTS AND REPAIRS IMPLEMENTATION, FOR AN ADDITIONAL AMOUNT OF EIGHT HUNDRED TWENTY-EIGHT THOUSAND EIGHT HUNDRED FIFTY-FOUR DOLLARS (\$828,854.00).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That the Administrator of the Department of Parks and Recreation be and is hereby authorized to enter into an agreement for Phase II Detailed Design and Engineering to include bid specifications with HDR Engineering, Inc. by amending the present Contract No. E-10-012-101, for Ross' Landing Park improvements and repairs implementation, for an additional amount of \$828,854.00.

ADOPTED: April 2, 2013.

/mms