

**CIP DESIGN AND ENGINEERING MEMORANDUM**  
**#09-02**

January 8, 2009

**TO:** Honorable Mayor Kathleen M. Novak and City Council members

**FROM:** William A. Simmons, City Manager *WAS*  
Amy Ward, Acting Logistics Manager *AW*  
Joliette Woodson, Civil Engineer II *JW*

**SUBJECT:** CR-4-2009, 104<sup>th</sup> Avenue Bridge Enhancements Design – Addendum  
Number 2

**RECOMMENDATION:**

Attached to this memorandum is a Resolution which, if approved, would authorize the Mayor to execute an addendum to the contract between the City of Northglenn and DTJ Design (DTJ). The addendum, in the amount of \$10,000, would cover fund additional design fees for the I-25 and 104<sup>th</sup> Avenue Bridge Enhancements project, to be paid for by Northglenn Urban Renewal Authority (NURA). Staff recommends approval of the proposed resolution.

**BACKGROUND:**

In early 2008, the Colorado Department of Transportation (CDOT) began the development of drawings for the replacement of the bridge at the 104<sup>th</sup> Avenue and I-25 interchange. On May 22, 2008, City Council approved a contract between the City of Northglenn and DTJ to develop bridge enhancement alternatives beyond the level of the basic bridge project, which CDOT was planning. The original contract with DTJ was amended on September 11, 2008, to include the final design of the I-25 and 104<sup>th</sup> Avenue Bridge Enhancements project. The final design cost was based on a construction budget of \$500,000. The \$500,000 design included ornamental railing, corner monuments, and city signage, but due to cost constraints it did not include pedestrian lighting.

On November 13, 2008, City Council agreed to accept \$750,000 from NURA for funding the construction of the I-25 and 104<sup>th</sup> Avenue Bridge Enhancements project with the understanding that the pedestrian lighting would be included. At the time the \$750,000 was approved, the design based on \$500,000 had been completed and submitted to CDOT for review. Staff immediately began working with DTJ and CDOT to incorporate a pedestrian lighting system that would not require significant redesign of the bridge railing. The \$500,000 design did not include pedestrian lighting.

At the NURA board meeting on December 3, 2008 Staff presented a lighting option that had some of the same characteristics of the 112<sup>th</sup> Bridge pedestrian lights, but would not require redesign. NURA board members maintained that in order to continue the aesthetic symmetry with the 112<sup>th</sup> Bridge, the same pedestrian lighting would need to be included in the 104<sup>th</sup> Avenue Bridge. Staff informed NURA that incorporating the pedestrian lights used on the 112<sup>th</sup> Avenue Bridge would require more re-design and

would require additional design fees. NURA conceptually agreed to fund the re-design cost, and requested that pedestrian lighting be included in the design with the understanding that NURA would fund the re-design costs. NURA is considering a resolution to formally agree to pay up to \$10,000 in design fees at a special meeting on January 7, 2009.

Since the NURA board meeting, Staff has discussed the pedestrian lighting with CDOT, who has agreed to allow DTJ to resubmit a design with pedestrian lighting. The \$10,000 addendum will fund this re-design.

**BUDGET/TIME IMPLICATIONS:**

The additional design fee will be funded by NURA. This addendum must be executed as soon as possible in order to have the design completed and incorporated into CDOT's bridge plans prior to bid advertisement of the project in February of 2009.

**STAFF REFERENCE:**

If Council members have any comments or questions, they may contact Amy Ward, Acting Logistics Manager at [award@northglenn.org](mailto:award@northglenn.org), or (303) 450-8837.

SPONSORED BY: MAYOR NOVAK

COUNCILMAN'S RESOLUTION

RESOLUTION NO.

No. CR-4  
Series of 2009

\_\_\_\_\_  
Series of 2009

A RESOLUTION AMENDING THE AGREEMENT WITH DTJ DESIGN, INC. RELATING TO DESIGN WORK ON THE 104<sup>TH</sup> AVENUE BRIDGE

WHEREAS, the City has contracted with DTJ Design, Inc. ("DTJ") for the design of enhancements to the 104<sup>th</sup> Avenue Bridge (the "Agreement");

WHEREAS, the City and NURA desire that the standard lighting be upgraded on the 104<sup>th</sup> Avenue Bridge;

WHEREAS, the upgraded lighting requires additional design work by DTJ, which will cost an additional Ten Thousand Dollars (\$10,000.00);

WHEREAS, NURA has agreed to pay this amount directly to DTJ on the City's behalf, pursuant to the terms of the Agreement if the Agreement is amended to include such additional design work; and

WHEREAS, the City desires to amend the Agreement to incorporate the additional design work, provided that NURA pay the additional cost directly to DTJ.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO, THAT:

Section 1. The City hereby approves the amendment to the Agreement attached hereto as **Exhibit A**, and authorizes the Mayor to execute the same.

DATED at Northglenn, Colorado, this \_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
SHERI L. PAIZ  
Mayor Pro Tem

ATTEST:

APPROVED AS TO FORM:

\_\_\_\_\_  
JOHANNA SMALL, CMC  
City Clerk

\_\_\_\_\_  
COREY Y. HOFFMANN  
City Attorney

**ADDENDUM #2 TO AGREEMENT FOR PROFESSIONAL SERVICES**

THIS SECOND ADDENDUM TO AGREEMENT FOR PROFESSIONAL SERVICES is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 200\_, by and between the City of Northglenn, and DTJ Design, Inc. (hereinafter referred to as "Consultant").

**RECITALS:**

A. On May 22, 2008, the City and Consultant entered into an Agreement for Professional Services, which was amended on September 11, 2008 (the "Agreement"); and

B. The City and Consultant desire to further amend the Agreement to add additional design work relating to the installation of upgraded lighting on the 104<sup>th</sup> Avenue Bridge.

**AGREEMENT**

NOW, THEREFORE, it is hereby agreed that for the consideration hereinafter set forth, the Agreement is amended as follows:

1. The Scope of Services in the Agreement is hereby supplemented to include the additional scope of services attached hereto as **Exhibit A** (the "Additional Scope of Services"). Consultant shall commence work on the Additional Scope of Services immediately following execution of this Agreement by the City and Contractor.
2. Subparagraph (A) of Article IV of the Agreement is hereby supplemented to include the additional compensation of Ten Thousand Dollars (\$10,000.00), which shall be paid by the Northglenn Urban Renewal Authority on behalf of the City directly to Consultant, pursuant to the terms of the Agreement.
3. The original Agreement is in full force and effect and is hereby ratified by the City and the Consultant. The original Agreement and this Addendum constitutes all of the agreements between the City and the Consultant.

IN WITNESS WHEREOF, the parties hereto each herewith subscribe the same in duplicate.

**CITY OF NORTHGLENN**

By: \_\_\_\_\_

ATTEST:

Title

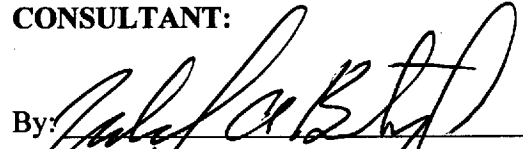
\_\_\_\_\_  
Johanna Small, CMC, City Clerk

APPROVED AS TO FORM:

\_\_\_\_\_  
Corey Y Hoffmann, City Attorney

CONSULTANT:

By:

  
MICHEL A. BEITZEL

Print Name

PRES.

Title

01/05/09

Date

ATTEST:

By:



Gail A. Commadore

Print Name

Vice President

Title

1/5/09  
Date

**EXHIBIT A**

**SUPPLEMENTAL SCOPE OF SERVICES**



DTJ DESIGN

ARCHITECTURE  
PLANNING  
LANDSCAPE ARCHITECTURE

## EXHIBIT A

### ADDITIONAL SERVICES PROPOSAL

January 5, 2009

Ms. Joliette Woodson  
Project Manager  
**CITY OF NORTHGLENN**  
11701 Community Center Drive  
Northglenn, CO 80233

**RE: Additional Services Proposal for Architectural Enhancements – Revised Lighting Design (Addendum #2) for the 104<sup>th</sup> Avenue/I-25 Bridge Replacement Project located in Northglenn, Colorado**

Dear Joliette:

Thank you for the opportunity to present this Additional Service Proposal for Design Services for Bridge Architectural Enhancements. **DTJ DESIGN, Inc.** (Consultant) is very excited about the continued relationship with the City of Northglenn (Client) to provide Revised Lighting Design for the Bridge Replacement Project located at 104<sup>th</sup> Avenue/I-25, in Northglenn, Colorado.

The Proposal is organized in the following manner:

- I. **UNDERSTANDING / METHOD OF APPROACH**
- II. **ADDITIONAL SERVICES TO BE PROVIDED BY CONSULTANT**
- III. **SCHEDULE**
- IV. **PROPOSED COMPENSATION AND PAYMENT FOR SERVICES**

■  
DTJ DESIGN, Inc.  
1881 Ninth Street, Suite 103  
Boulder, Colorado 80302  
T 303.443.7533 F 303.443.7534  
www.dtjdesign.com  
BOULDER | TELLURIDE

## **I. UNDERSTANDING / METHOD OF APPROACH**

### **GENERAL:**

We understand that the Client would like additional lighting design services (revised lighting design) for the 104<sup>th</sup> Avenue/I-25 Bridge Replacement project located in Northglenn, Colorado.

DTJ has provided two previous design service Proposals for the Bridge Replacement Project. The initial Proposal provided Conceptual Design Alternatives to obtain design direction from various City of Northglenn Representatives (City Staff, City Council and Northglenn Urban Renewal Authority (NURA) input). As a result of the direction obtained during the first step, a second proposal to provide Final Design, Bid Assistance and Services during Construction was provided based on program and budget requirements. During this second step, budget uncertainties precluded pedestrian rail lighting to be incorporated into the project. As well, Colorado Department of Transportation (CDOT) denied the ability of the City to provide "NORTHGLENN" signage on the bridge superstructure. To accommodate the program, required signage was incorporated within one of the CDOT "wing" retaining walls. In lieu of pedestrian rail lighting, lighting design was provided for the wing wall and monument signage located at the four corners of the bridge. Subsequently, the initial budget funding amount was secured as the drawings approached completion. New direction was given by the City to re-incorporate the pedestrian rail lighting back into the project based on secured budget funding and the favorable conditions that may occur during bidding.

The additional services (Revised Lighting Design) will provide necessary revisions to re-incorporate pedestrian rail lighting into the Final Design.

### **CITY OF NORTHGLENN – PRIMARY CITY STAFF CONTACT:**

**Project Manager**  
Joliette Woodson, P.E.  
Civil Engineer II  
(303) 450-8835

### **PRIMARY DESIGN TEAM CONTACTS (Consultant):**

**Principal-in-Charge**  
**DTJ DESIGN, Inc.**  
Mike Beitzel  
Principal and President  
(303) 443-7533

**Project Manager**  
**DTJ DESIGN, Inc.**  
Jay Johnston  
Associate  
(303) 443-7533



**DEVELOPMENT PROGRAM:**

The proposed Additional Services are based on the degree of finish as outlined within the Professional Design Service Proposal dated September 5, 2008. Further, the Additional Services assume the work will be included within the initial single bid package for the project. Preparation of additional design services, documentation or separate phases beyond those outlined in this Proposal or previously provided Proposals will be provided as future Additional Services.

**II. ADDITIONAL SERVICES TO BE PROVIDED BY CONSULTANT**

Provide additional services (Revised Lighting Design) - necessary revisions to re-incorporate pedestrian rail lighting into the Final Design. Services to be provided as outlined within the Professional Design Service Proposal dated September 5, 2008.

**III. SCHEDULE**

Incorporate the pedestrian rail lighting into the post review of the Final Design CDOT Final Office Review (FOR) as outlined within the Professional Design Service Proposal dated September 5, 2008.

**IV. PROPOSED COMPENSATION AND PAYMENT FOR SERVICES**

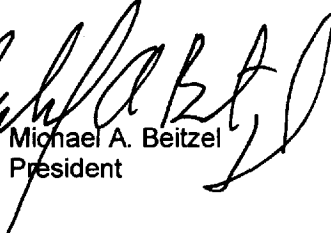
Regarding the services to be provided under this Additional Service Proposal, Consultant will execute the work for a Fixed Fee of \$10,000, including expenses, for Final Design (Revised Lighting Design)

Joliette, we are very enthusiastic about continuing our working relationship with you on the 104th Bridge Replacement Project. Please contact us if you have any questions or refinements to this Proposal. We look forward to hearing from you.

Thank you for this opportunity.

Sincerely,

**DTJ DESIGN, Inc.**

  
Michael A. Beitzel  
President

01/05/09  
Date