



City of Sacramento City Council

915 I Street, Sacramento, CA, 95814
www.CityofSacramento.org

Meeting Date: 4/17/2012

Report Type: Consent

Title: Supplemental Agreement: Norwood Avenue Bridge Replacement Project (T15068400)

Report ID: 2012-00263

Location: Norwood Avenue Bridge at Arcade Creek between Fairbanks Avenue and Lindley Avenue, District 2

Recommendation: Pass a Resolution: 1) approving Supplemental Agreement No. 2 with Hill International, Inc. for an amount not to exceed \$70,000; 2) amending the FY11/12 Capital Improvement Program by accepting and appropriating federal funds in the amount of \$902,862 (Fund 3703) to the Norwood Avenue Bridge Replacement Project (T15068400); 3) amending the FY11/12 Capital Improvement Program by transferring funds in the amount of \$360,000 (Fund 2001 and Fund 2007) from the Major Street Improvements Project (T15128000) to the Norwood Avenue Bridge Replacement Project (T15068400); 4) resetting the City Manager's administrative authority for the City's Professional Services Agreement with Hill International, Inc. for the Norwood Avenue Bridge Replacement Project (T15068400); and 5) resetting the administrative authority for the Norwood Avenue Bridge Replacement Project (T15068400) and the Major Street Improvement Project (T15128000).

Contact: Ricky Chuck, Senior Engineer, (916) 808-5050; Nicholas Theocharides, Engineering Services Manager, (916) 808-5065, Department of Transportation

Presenter: None

Department: Transportation Department

Division: Civil & Electrical Design

Dept ID: 15001131

Attachments:

- 1- Description/Analysis
- 2 - Background Information
- 3 - Resolution
- 4- Exhibit A - Location Map
- 5 - Exhibit B - Supplemental Agreement No. 2 with Hill International

City Attorney Review

Approved as to Form
Gerald Hicks
4/11/2012 2:48:04 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
Russell Fehr
4/4/2012 4:52:09 PM

Approvals/Acknowledgements

Department Director or Designee: Jerry Way - 4/10/2012 11:49:43 AM



Description/Analysis

Issue: The project is replacing the structurally deficient Norwood Avenue Bridge over Arcade Creek with a new bridge that meets current standards. The project will construct a new concrete bridge with two travel lanes, bike lanes, sidewalks, and street lighting.

Supplemental Agreement No. 2 allows Hill International, Inc. to continue biological monitoring services, inspection, materials testing, and construction management services for the construction of the project.

Policy Considerations: This action requested herein is consistent with the Sacramento City Code, Title 3 and with the City of Sacramento Strategic Plan goals of economic development, improving and expanding public safety, and achieving sustainability and enhancing livability.

Environmental Considerations:

California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA): On March 23, 2010, the City Council approved a Mitigated Negative Declaration and adopted the Mitigation Reporting Plan for the Norwood Avenue Bridge Replacement Project (T15068400) pursuant to the requirements of the California Environmental Quality Act (CEQA). There is no substantial evidence that the Project, with the adoption of the mitigation measures identified, will have a significant effect on the environment.

The project is funded by Federal Highway Bridge Program (HBP) funds. As a result, the proposed project is also subject to the National Environmental Policy Act (NEPA). On August 26, 2010, Caltrans issued a re-validation form to maintain the validity of the Categorical Exclusion that was issued on March 2, 2009 by California State Department of Transportation (Caltrans) and the Federal Highway Administration (FHWA) for the Project pursuant to the requirements of NEPA.

Sustainability Considerations: This project is consistent with the City's Sustainability Master Plan. It conforms to the Air Quality Focus Area by improving and optimizing transportation infrastructure. The project will add widened sidewalks and construct Class II on street bicycle facilities, which promote alternative modes of travel and reduce dependence of the private automobile.

Other: None.

Commission/Committee Action: None.

Rationale for Recommendation: Approval of the additional fund appropriation and Supplemental Agreement No. 2 in the amount of \$70,000 with Hill

International, Inc. is necessary to move forward with completing the project.

Financial Considerations: The current budget and estimated total project cost is \$12,185,461 comprised of local transportation, general funds, Community Re-investment funds, federal funds and a contribution from Pacific Gas and Electric.

Under the Federal Highway Program (HBP), an additional \$902,862 (Fund 3703) has been approved and is to be appropriated to the Project. An additional \$360,000 in local funds is required to match the HBP funds and cover remaining costs in the project.

As of March 2, 2012 the unobligated balance is \$470,888. Approval of the appropriation of additional federal funds in the amount of \$902,862 (Fund 3703) and the transfer of \$360,000 (Fund 2001 and Fund 2007) for the Major Street Improvement Project (T15128000) will increase the total budget to \$12,185,461 and the unobligated balance to \$1,573,750, which is sufficient to execute the Supplemental Agreement No. 2 with Hill International, Inc. in the not-to-exceed amount of \$70,000, provide match requirements and cover remaining construction and construction management costs to complete the project.

A portion of this project includes a traffic signal at Norwood Avenue and Fairbanks Avenue. This signal is being paid for primarily with District 2 Community Reinvestment Capital Improvement Program Funds.

Emerging Small Business Development (ESBD): The Norwood Avenue Bridge Replacement Project (T15068400) is federally funded and requires conformance with project participation guidelines for Disadvantaged Business Enterprise (DBE)/ Underutilized Disadvantaged Business Enterprises (UDBE) program requirements. Therefore, the City's ESBD requirements are held in abeyance. The UDBE goal for Hill International is 17.2%. Hill International will meet or exceed the UDBE goal by utilizing sub-consultants for materials testing, administrative support and office engineering, and biological monitoring services.



Background:

The project is replacing the structurally deficient Norwood Avenue Bridge over Arcade Creek with a new bridge that meets current standards. The project will construct a new and higher concrete bridge with two travel lanes, bike lanes, sidewalks, and street lighting and a new approach roadway between the intersections of Fairbanks Avenue and Lindley Way. A new traffic signal will be constructed at the intersection of Norwood Avenue and Fairbanks Avenue. Retaining walls will be constructed on both approaches to support the increased height of the bridge.

The existing bridge was constructed in 1956 and is rated structurally deficient. Arcade Creek has a history of elevated water levels that inundate the bridge. During high canal flows, Norwood Avenue had to be closed by using stop log floodwalls. This project will eliminate the need for road closure during high creek flows by raising the bridge.

Construction started in June 2011 and is anticipated to be completed in April 2012.

In June 2011, the City entered into a Professional Service Agreement with Hill International, Inc. in the not-to-exceed amount of \$350,000 to provide inspection, office engineering, biological monitoring services, and material testing to ensure compliance with all federal, state and local requirements. Supplemental Agreement No. 1 compensated Hill International Inc. for additional construction management support to manage permit compliance issues, restoration resources, and extensive material testing in the amount of \$34,112.37.

Supplemental Agreement No. 2 in the amount of \$70,000 will compensate Hill International, Inc. for performing additional inspection biological monitoring and materials testing needed to match the contractor's extended schedule caused by weather delays.



RESOLUTION NO.

Adopted by the Sacramento City Council

APPROPRIATION AND TRANSFER OF FUNDS; APPROVING SUPPLEMENTAL AGREEMENT WITH HILL INTERNATIONAL, INC; RESETTING THE CITY MANAGER'S SUPPLEMENTAL AGREEMENT APPROVAL AUTHORITY WITH HILL INTERNATIONAL, INC.; AND RESETTING THE CITY MANAGER'S CONSTRUCTION CONTRACT APPROVAL AUTHORITY WITH VIKING CONSTRUCTION COMPANY FOR THE NORWOOD AVENUE BRIDGE REPLACEMENT PROJECT (T15068400)

BACKGROUND

- A. The project will replace the structurally deficient Norwood Avenue Bridge over Arcade Creek with a new bridge that meets current standards. The project will construct a new and higher concrete bridge with two travel lanes, bike lanes, sidewalks, and street lighting and a new approach roadway between the intersections of Fairbanks Avenue and Lindley Way. A new traffic signal will be constructed at the intersection of Norwood Avenue and Fairbanks Avenue. Retaining walls will be constructed on both approaches in order to support the increased height of the bridge.
- B. The bridge was constructed in 1956 and is rated structurally deficient. Arcade Creek has a history of elevated water levels that inundate the bridge. During high canal flows, Norwood Avenue had to be closed by using stop log floodwalls. This project will eliminate the need for road closure during high canal flows by raising the bridge.
- C. In June 2011, the City entered into a Professional Service Agreement with Hill International, Inc. in the not-to-exceed amount of \$350,000 to provide inspections, office engineering, biological services, and material testing to ensure compliance with all federal, state and local requirements. Supplemental Agreement No. 1 compensates for additional construction management support to manage permit compliance issues, restoration resources, and extensive material testing in the amount of \$34,112.37 was approved under the City Manager's approval authority.
- D. Supplemental Agreement No. 2 allows Hill International, Inc. to perform high level inspection to match the contractor's extended schedule due to weather.
- E. Construction started in July 2011 and is anticipated to be completed in June 2012.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

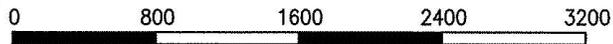
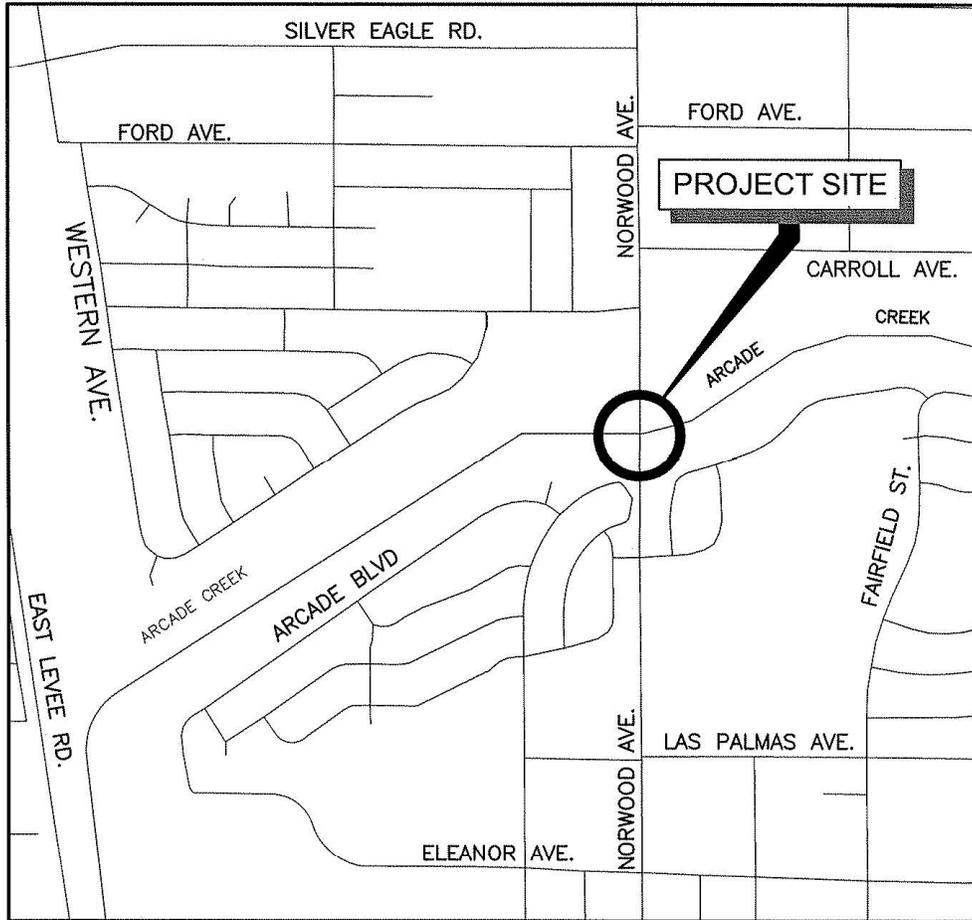
- Section 1. The FY11/12 Capital Improvement Program is amended by appropriating \$902,862 (Fund 3703) in federal funds to the Norwood Avenue Bridge Replacement Project (T15068400).
- Section 2. The FY11/12 Capital Improvement Program Budget is amended by transferring \$360,000 (Fund 2001 and Fund 2007) from the Major Street Improvement Project (T15128000) to the Norwood Avenue Bridge Replacement Project (T15068400).
- Section 3. The City Manager is authorized to execute Supplemental Agreement No. 2 with Hill International, Inc. for an amount not-to-exceed \$70,000 for the Norwood Avenue Bridge Replacement Project (T15068400).
- Section 4. The City Manager's administrative authority is reset for the Professional Services Agreement with Hill International, Inc. for the Norwood Bridge Replacement Project (T15068400).
- Section 5. The City Manager's administrative authority is reset for the Construction Contract with Viking Construction Company for the Norwood Bridge Replacement Project (T15068400).
- Section 6 Exhibit A is incorporated into and made part of this Resolution.

Table of Contents:

- Exhibit A: Map of Norwood Avenue Bridge Replacement



Location map for:
NORWOOD AVENUE BRIDGE REPLACEMENT PROJECT
AT ARCADE CREEK
(BETWEEN FAIRBANKS AVENUE AND LINDLEY AVENUE)
PN: T15068400



Date: February 2010





City of Sacramento
SUPPLEMENTAL AGREEMENT

Contract #: 2011-0711-2

Date: 03/02/12

Purchase Order #: 0000014493

Supplemental Agreement #: 2

Job#: T15068400

Project Title: CM Services - Norwood Avenue Bridge Replacment

The City of Sacramento ("City") and Hill International, ("Contractor"), as parties to that certain Professional Services Agreement designated as Agreement Number 2011-0711 including any and all prior supplemental agreements modifying said agreement (said agreement and supplemental agreements are hereby collectively referred to as the "Agreement"), hereby supplement and modify the Agreement as follows:

- 1. The Scope of Services specified in Exhibit A of the Agreement is amended as follows:

See Exhibit A

- 2. In consideration of the additional and/or revised services described in section 1, above, the maximum not-to-exceed amount that is specified in Exhibit B of the Agreement of Payment of Contractor's fees and expenses, is increased by \$70,000.00 and said maximum not-to-exceed amount is amended as follows:

The original not-to-exceed amount:	<u>\$350,000.00</u>
The net change by previous Supplemental Agreements:	<u>\$34,112.37</u>
The not-to-exceed amount prior to this Supplemental Agreements:	<u>\$384,112.37</u>
The contract sum will be increased by this Supplemental Agreement:	<u>\$70,000.00</u>
The new not-to-exceed amount including all Supplemental Agreements:	<u>\$454,112.37</u>

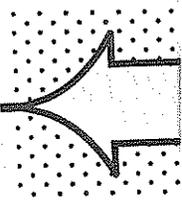
- 3. Contractor agrees that the amount of increase or decrease in the not-to-exceed amount specified in section 2, above, shall constitute full compensation for additional and/or revised services specified in section 1, above, and shall fully compensate Contractor for any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised services, including costs associated with any changes in work schedules or in the performance of other services or work by Contractor. The time for the performance of the agreement is increased by 0 Days by reason of the performance of the work required by this Supplemental Agreement.
- 4. Contractor warrants and represents that the person or persons executing this supplemental agreement on behalf of Contractor has or have been duly authorized by Contractor to sign this supplemental agreement and bind Contractor to the terms hereof.
- 5. Except as specifically revised herein, all terms and conditions of the Agreement shall remain in full force and effect, and Contractor shall perform all the services, duties, obligations and conditions required under the Agreement, as supplemented and modified by this supplemental agreement.

Approval Recommended By:

[Signature]
Project Manager

Approved as to Form By:

[Signature]
City Attorney



Approved By:

[Signature]
Contractor

Approved By:

City of Sacramento

Attested to By:

City Clerk

Exhibit A
CM Services - Norwood Avenue Bridge Replacment
2011-0711
03/02/12

<i>Description</i>	<i>Amount</i>
Supplemental Agreement #2	
PCO # 2.0 Client Initiated Changes	\$70,000.00
03/02/12 Continue to provide inspection, material testing, and construction management support services until the completion of construction for an amount not to exceed \$70,000. The amount includes a provision of \$10,746 to prepare as-built plans and project close out package to be expended upon City approval. Hill shall perform services within the proposed budget dated 2/22/2012 and meet the UDBE goal.	
1 Items	Total for Change Order # 2
	\$70,000.00

1 Items	Total for Contract # 2011-0711	\$70,000.00
<i>Totals By Reason</i>	Changed/Unforeseen Conditions	\$0.00
	Changes to Bid Documents	\$0.00
	Client Initiated Changes	\$70,000.00