



City of Sacramento City Council

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

Meeting Date: 8/30/2011

Report Type: Consent

Title: Supplemental Agreement: Morrison Creek Letter of Map Revision (I14010100)

Report ID: 2011-00709

Location: Districts 5, 7, 8

Recommendation: Recommendation: Adopt a Resolution authorizing the City Manager to execute Supplemental Agreement No. 4 to City Agreement No. 2008-0210 with Wood Rodgers, to provide assistance with the preparation of a Morrison Creek Letter of Map Revision during the FY2011/12, for an amount not to exceed \$110,315.

Contact: Bill Busath, Interim Engineering Manager, (916) 808-1434; Connie Perkins, Senior Engineer, (916) 808-1914, Department of Utilities

Presenter:

Department: Department Of Utilities

Division: CIP Engineering

Dept ID: 14001321

Attachments:

- 1-Description/Analysis
- 2-Background
- 3-Resolution
- 4-Unexecuted Agreement Cover
- 5-Supplemental Agreement

City Attorney Review

Approved as to Form
Joe Robinson
8/25/2011 9:14:50 AM

City Treasurer Review

Prior Council Financial Policy Approval or
Outside City Treasurer Scope
Russell Fehr
8/16/2011 12:21:44 PM

Approvals/Acknowledgements

Department Director or Designee: Marty Hanneman - 8/24/2011 1:37:41 PM

Assistant City Manager: John Dangberg - 8/24/2011 6:11:58 PM

Eileen Teichert, City Attorney

Shirley Concolino, City Clerk
William H. Edgar, Interim City Manager

Russell Fehr, City Treasurer



Description/Analysis

Issue: The City's Flood Insurance Rate Maps issued by the Federal Emergency Management Agency (FEMA) contain a large area in the southern part of the City that is designated as Zone A99. In Zone A99, flood insurance is required for anyone with a federally-backed mortgage on their structure. The size of the Zone A99 has been reduced in the past several years by a Letter of Map Revision (LOMR) to FEMA. The LOMR has been prepared by Wood Rodgers under this consultant services agreement and 3 supplemental agreements. This fourth Supplemental Agreement will allow the addition of Unionhouse Creek to be part of another LOMR application and allow construction alternatives to be evaluated on Unionhouse Creek in order to further reduce the size of the A99 Zone.

Policy Considerations: The proposed action is consistent with the City's focus areas of sustainability, public safety, economic development, customer service, and livability.

Environmental Considerations: Consultant assistance will not result in any potentially significant environment effects and is exempt from CEQA [CEQA Guidelines Section 15061(b)(3)].

Sustainability: The proposed scope of work is consistent with the City's Sustainability Master Plan in advancing the goal of exceptional flood protection.

Commission/Committee Action: Not applicable

Rationale for Recommendation: In January 2008, Engineering Services solicited qualifications from consulting firms. Five statements of qualifications were received and the selection committee subsequently selected Wood Rodgers. In May 2011, the City requested a scope of work from Wood Rodgers and another consulting firm for proposed additional work in this supplemental agreement. Wood Rodgers was selected again as the top firm.

Financial Considerations: The cost to complete the first LOMR application (original agreement and Supplemental Agreement No. 1 and No. 2), which removed approximately 1,200 structures from the floodplain, was \$44,085. The cost to complete the second LOMR application for the area east of Morrison Creek, which includes Elder and Florin Creeks, was \$44,500 (Supplemental Agreement No. 3). The cost for this Supplemental Agreement No. 4, which would add Unionhouse Creek to the second LOMR application and evaluate construction alternatives for Unionhouse Creek, is \$110,315. Approval of Supplemental Agreement No. 4 would bring the total agreement amount to \$198,900. There are adequate funds in the I14010100 account to pay for Supplemental Agreement No. 4.

Emerging Small Business Development (ESBD): Wood Rodgers is not certified as an Emerging or Small Business Enterprise.



Background

The City's Flood Insurance Rate Maps (FIRMs) issued by the Federal Emergency Management Agency (FEMA) include a large area, approximately 4,100 parcels, in the south part of the City that still remains in a floodplain (Zone A99). The Sacramento Area Flood Control Agency (SAFCA) has been repairing levees in the South Sacramento Streams Group since the mid 1990s. When these levees are repaired to protect areas from the 100-year flood, the City must submit a Letter of Map Revision (LOMR) application to FEMA to change the flood zone on the FIRMs and remove the area from the floodplain. By changing these flood zones from a floodplain to a non-floodplain area, the residents in these areas are provided relief from the required flood insurance for those with federally-backed mortgages and have the opportunity to purchase reduced priced flood insurance.

Wood Rodgers was selected in 2008 to assist staff in preparing, modeling, and submitting a LOMR application for the west side of Morrison Creek between Brookfield and Franklin. A Request for Qualifications was issued on January 15, 2008 for the work, and Wood Rodgers was selected as the top ranked firm. The total amount to complete the first LOMR was \$44,085 with the original contract and Supplemental Agreements No. 1 and 2. This LOMR removed approximately 1,200 residents from the floodplain in November 2010.

Supplemental Agreement No. 3 was issued to complete a second LOMR application based on recent levee work completed on Elder and Florin Creek from Morrison Creek to Center Parkway, and on the east side of Morrison Creek from Brookfield and Franklin.

This supplemental agreement, Supplemental Agreement No. 4, would authorize Wood Rodgers to include Unionhouse Creek in this second LOMR application. Wood Rodgers would take into consideration the levee work completed on Unionhouse Creek from the confluence of Morrison Creek to Center Parkway and would review and update the preliminary hydraulic modeling for the existing conditions allowing the data determined from the modeling to be incorporated into the second LOMR application. In addition, the Supplemental Agreement No. 4 would authorize Wood Rodgers to evaluate, update, and verify the hydraulic model for construction alternatives to further reduce the size of the A99 floodplain on Unionhouse Creek.

On May 26, 2011, the City requested a scope of work from another consulting firm, David Ford Consulting, for the proposed work in this supplemental agreement. Wood Rodgers was still the top ranked firm. The total amount for Supplemental Agreement No. 4 is \$110,315.



RESOLUTION NO.

Adopted by the Sacramento City Council

AUTHORIZING SUPPLEMENTAL AGREEMENT NO. 4 WITH WOOD RODGERS FOR THE MORRISON CREEK LETTER OF MAP REVISION (I14010100)

BACKGROUND

- A. The City's Flood Insurance Rate Maps issued by the Federal Emergency Management Agency (FEMA) contain a large area in the southern part of the City that is designated as Zone A99. In Zone A99, flood insurance is required for anyone with a federally-backed mortgage on their structure.
- B. The Sacramento Area Flood Control Agency (SAFCA) has been repairing levees in the South Sacramento Streams Group since the mid 1990s. Once the levees are repaired to the 100-year flood level, the City must submit a Letter of Map Revision (LOMR) application to the Federal Emergency Management Agency (FEMA) to remove areas of the Zone A99 floodplain.
- C. The City issued a Request for Qualifications for a LOMR application for the west side of Morrison Creek between Brookfield in Franklin in January 2008. Wood Rodgers was selected to prepare this application and the City entered into a Professional Service Agreement with Wood Rodgers, followed by two supplemental agreements necessary to complete the work. The LOMR was approved by FEMA in November 2010, which removed approximately 1,200 residents from the Zone A99 floodplain.
- D. The City approved Supplemental Agreement No. 3 in April 2011, for a second LOMR application for levee work completed on Elder and Florin Creek from the confluence with Morrison Creek to Center Parkway and on the east side of Morrison Creek from Brookfield to Franklin.
- E. City staff has negotiated a fourth supplemental agreement with Wood Rodgers to include Unionhouse Creek in the second Letter of Map Revision application and to evaluate, verify, and update the hydraulic model for construction alternatives to reduce the size of the Zone A99 floodplain north of Unionhouse Creek.

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

Section 1. The City Manager is authorized to execute Supplemental Agreement No. 4 to City Agreement No. 2008-0210 with Wood Rodgers, to include Unionhouse Creek in the second LOMR application and to evaluate, verify, and update hydraulic modeling for construction alternatives in Unionhouse Creek, for an amount not to exceed \$110,315, bringing the agreement's total not to exceed amount to \$198,900.

Section 2. Exhibit A is made a part of this Resolution.

Exhibit A - Supplemental Agreement No. 4



Unexecuted Contract/Agreements

- The Unexecuted Contract/Agreement is signed by the other party, is attached as an exhibit to the resolution, and is approved as to form by the City Attorney.

- The Unexecuted Contract/Agreement (Public Project) is NOT signed by the other party, is attached as an exhibit to the resolution, and is approved as to form by the City Attorney.

- The Unexecuted Contract is NOT included as an exhibit to the Resolution because the Agreement(s) is with other another governmental agency and it is not feasible to obtain the other agency's signature prior to Council action (be they denominated Agreements, MOUs, MOAs, etc.); however, the City Attorney approves the forwarding of the report to Council even though the signed agreement is not in hand yet.

- The Unexecuted Contract is NOT included as an exhibit to the resolution because, due to special circumstances, and the City Attorney confirms in writing that it is okay to proceed with Council action even though the signed agreement is not in hand yet.

All unexecuted contracts/agreements which are signed by the other parties are in the Office of the City Clerk before agenda publication.



Requires Council Approval

No

YES

Meeting: 08/30/2011

Real Estate

Other Party Signature Needed

Recording Requested

General Information

Type: Professional Services Informal Bid-Prof Service	PO Type:	Attachment: Supplement No.: 4
\$ Not to Exceed: \$ 110,315.00		Original Doc Number: 2008-0210
Other Party: Wood Rodgers		Certified Copies of Document: 2
Project Name: Morrison Creek Letter of Map Revision		Deed: <input checked="" type="checkbox"/> None <input type="checkbox"/> Included <input type="checkbox"/> Separate
Project Number: I14010101	Bid Transaction #:	E/SBE-DBE-M/WBE:

Department Information

Department: Utilities Division: Engineering Services
 Project Mgr: Connie Perkins Supervisor: Robert Thaug
 Contract Services: Date: Division Mgr: Bill Busath
 Phone Number: 808-1914 Org Number: 14001311
 Comment:

Review and Signature Routing

Department	Signature or Initial	Date
Project Mgr:	CEP	8/3/11
Accounting:		
Contract Services:		
Supervisor:	[Signature]	8/3/11
Division Manager:	[Signature]	8/3/11
City Attorney	Signature or Initial	Date
City Attorney:		

Send Interoffice Mail Notify for Pick Up

Authorization	Signature or Initial	Date
Choose Director		
Department Director:		
City Mgr: yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Contract Cover/Routing Form: Must Accompany ALL Contracts; however, is not part of the contract. (01-01-09)

For City Clerk Processing	
Finalized:	
Initial:	
Date:	
Imaged:	
Initial:	
Date:	
Received:	
(City Clerk Stamp Here)	

The City of Sacramento ("City") and Wood Rodgers ("Contractor"), as parties to that certain Professional Services Agreement designated as Agreement Number 2008-0210, including any and all prior supplemental agreements modifying said agreement (said agreement and supplemental agreements are hereafter 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: Additional services are added to the scope of services, as indicated in "Attachment 4 to Exhibit A", attached hereto and incorporated herein by reference.
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 for payment of Contractor's fees and expenses, is **increased by \$110,315.00**, and said maximum not-to-exceed amount is amended as follows:

Agreement's original not-to-exceed amount:	15,500.00
Net change by previous supplemental agreements:	73,085.00
Not-to-exceed amount prior to this supplemental agreement:	88,585.00
Increase by this supplemental agreement:	110,315.00
New not-to exceed amount including all supplemental agreements:	198,900.00

4. Contractor agrees that the amount of increase or decrease in the not-to-exceed amount specified in section 3, above, shall constitute full compensation for the 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 and/or delays in work schedules or in the performance of other services or work by Contractor.
5. 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.
6. Except as specifically revised herein, all terms and conditions of the Agreement shall remain in full force and effect, and Contractor shall perform all of the services, duties, obligations, and conditions required under the Agreement, as supplemented and modified by this supplemental agreement.

Approval Recommended By:

Approved As To Form By:



 Project Manager

 City Attorney

Approved By:

 Contractor

Attested To By:

Approved By:

 City of Sacramento

 City Clerk

**ATTACHMENT 4
TO EXHIBIT A**

**SCOPE OF ADDITIONAL SERVICES
AMENDED TASKS**

Task A – Perform Project Management and Coordination Services	\$12,675.00
Manage performance of the revised and new services described herein, and conduct additional coordination with the City with respect to the expanded scope of work relative to Unionhouse Creek. Additional meetings to perform hydraulic analysis.	
Task B – Gather, Review and Validate Data	\$5,140.00
Gather and review the following additional information relative to Unionhouse Creek: existing hydraulic modeling by David Ford Consulting Engineers, Sacramento County hydrology, Central Valley Floodplain Evaluation and Delineation data, preferred alternative for Unionhouse Creek from SAFCA/City, bridge elevation data for existing crossing of Center Parkway, and design information for future improvements to Unionhouse Creek.	
Task D– Prepare Letter of Map Revision Application	\$14,000.00
Gather and incorporate all necessary supporting documentation to substantiate the residual floodplain modeling and reference all data provided by others to support the second LOMR application to FEMA.	
Task E– Copy and Review with City and SAFCA Staff	\$3,500.00
Incorporate Union Creek data into draft LOMR application for Morrison Creek and Technical Support Data Notebook (TSDN) to be provided by the City and County for review and comment. Revise the application based on comments for a complete submittal.	
Task I– Develop Final Documentation	\$1,500.00
Include Unionhouse Creek information within the second LOMR application and TSDN documentation to the City, DWR, and FEMA. Respond to comments made of the application by these agencies.	
Task J– Perform Residual Floodplain Analysis	\$51,000.00
Include Unionhouse Creek data in the HEC-RAS model being developed for Florin Creek, Elder Creek, Morrison Creek, and existing flood storage areas. The model will emulate the filling and draining of creek overflow and local runoff floodplains during the 100-year and 200-year event within the area.	
TOTAL OF ADDITIONAL SERVICES FOR AMENDED TASKS	<u>\$89,815.00</u>

**SCOPE OF ADDITIONAL SERVICES
NEW TASKS**

Task L– Perform Future Conditions Analysis	\$20,500.00
Develop a future conditions hydraulic model based upon two preferred Unionhouse Creek channel alternatives identified by the City and SAFCA. Develop work maps to delineate the future conditions 100- and 200-year floodplains.	
TOTAL OF NEW TASKS	<u>\$20,500.00</u>
TOTAL OF SCOPE OF ADDITIONAL SERVICES	\$110,315.00