



DEPARTMENT OF PUBLIC WORKS

Quality, Excellence, Innovation

Raul M. Rojas
DIRECTOR

May 17, 2016

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Marin County Flood Control and Water Conservation District
3501 Civic Center Drive
San Rafael, CA 94903

Dear Board Members:

SUBJECT: Professional Services Agreement with Schaaf and Wheeler Inc. in the Amount of \$540,188 to Complete Design and Prepare Construction Documents for the Novato Deer Island Flood Detention Basin

RECOMMENDATIONS: 1) Execute the Agreement; and 2) authorize the Department of Finance to increase appropriations and revenue per the Fiscal Impact Section below.

SUMMARY: The North Deer Island Flood Detention Basin has been recommended as a short term priority under the draft Novato Creek Hydraulic Study Analysis of Alternatives dated March 2016 (Project S-6, Spillway and Storm Water Basin for High Flow Bypass into North Deer Island Basin). This basin has the potential to significantly reduce flooding within the City of Novato. In 2013, the County received a \$270,000 grant from the US Environmental Protection Agency under the Flood Control 2.0 project to be used towards final design. The scope of this project also includes the evaluation of reuse of sediment from the widening of lower Novato Creek from the SMART railroad to Highway 37, which was also identified as a short term priority project under the NHS. If cost-effective, these sediments will be used to construct new levees as part of the flood basin construction.

On January 12, 2016, Public Works issued a Request for Proposals for final design engineering, environmental compliance and preparation of plans, and specifications for construction. Five proposals were received and interviews conducted by Marin and City of Novato public works staff with each firm. Based on qualifications, experience, cost, and ability to work within the schedule; we recommend that your Board award a contract to Schaaf and Wheeler (S&W) Inc. for these services. S&W is well qualified to perform the work in this contract. The anticipated completion date for this work is June 2017. The estimate to perform the work in the attached agreement is \$540,188.

At the May 5, 2016 Flood Zone 1 Advisory Board meeting, the Advisory Board recommended a budget that funded this project. A hearing before your Board on the proposed project will be held this summer in compliance with Water Code Appendix Section 68-11. Construction of the first phase of this project has been

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Land Development

Purchasing

Real Estate

Reprographic Services

Road Maintenance

Stormwater Program

Transportation &
Traffic Operations

Waste Management

partially funded by a \$1.5M grant from the California Department of Water Resources (DWR) through their IWRMP program. Construction of Phase I is anticipated to be completed by October 2019. We anticipate returning to your Board to accept DWR funds.

FISCAL IMPACT: The total cost for the requested action is \$560,188, including \$540,188 for S&W contract and \$20,000 for County staff expenses. It is requested \$270,000 in federal grant fund appropriations and related expenditure appropriations be transferred from the General Fund's Watershed Program to Flood Control Zone 1 (23710). The remainder of the requested professional service contract funding is to be transferred from existing Flood Control Zone 1 appropriations. There are no net impacts to the General Fund or Flood Control Zone 1 as a result of this action.

Transfer from Fund	Fund Center	Commitment Item #	Amount	Transfer to Fund	Fund Center	Commitment Item #	Amount
10000 (GF)	4100995010 Watershed Plan	4550755 Federal Grant	\$270,000				
10000 (GF)	4100995010 Watershed Plan	5210100 (Prof. Serv.)	\$270,000				
23710 (FCZ#1)	6210011000 (FCZ#1)	5210100 (Prof. Serv.)	\$290,188				
				23710 (FCZ#1)	6210990001 (Deer Island)	4550755 Federal Grant	\$270,000
				23710 (FCZ#1)	6210990001 (Deer Island)	5210100 (Prof. Serv.)	\$540,188
				23710 (FCZ#1)	6210990001 (Deer Island)	5510262 Interfund Expenses - Engineering	\$10,000
				23710 (FCZ#1)	6210990001 (Deer Island)	5510263 Interfund Expenses - Land Use	\$10,000

REVIEWED BY:

<input checked="" type="checkbox"/>	County Administrator	<input type="checkbox"/>	N/A
<input checked="" type="checkbox"/>	Department of Finance	<input type="checkbox"/>	N/A
<input type="checkbox"/>	County Counsel	<input checked="" type="checkbox"/>	N/A
<input type="checkbox"/>	Human Resources	<input checked="" type="checkbox"/>	N/A

Marin County Flood Control and Water Conservation District
May 17, 2016
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Respectfully submitted,



Roger Leventhal
Acting Principal Civil Engineer

Attachment: Professional Services Agreement

FMBB Doc No. 100024365 & 100024366
Merit Doc No. 10040859

