

SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION

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July 29, 2011

TO: Commissioners and Alternates

FROM: Will Travis, Executive Director (415/352-3653 travis@bcdc.ca.gov)
Lindy Lowe, Senior Planner (415/352-3642 lindyl@bcdc.ca.gov)

SUBJECT: Staff Report and Recommendation on a Contract for Assistance with the Adapting to Rising Tides Project
(For Commission consideration on August 4, 2011)

Recommendation

The staff recommends that the Commission authorize the Executive Director to execute a contract with the Pacific Institute to assist the Adapting to Rising Tides project.

Staff Report

The staff recommends that the Commission authorize the Executive Director to: (1) execute a contract with the Pacific Institute under which BCDC will provide up to \$25,000 to the Pacific Institute for assistance in developing an analysis of socioeconomic vulnerability within the ART project subregion; and (2) amend the contract as long as the amendment does not involve substantial changes in either the scope or amount of the contract.

The Adapting to Rising Tides (ART) project is a multi-year project designed, in the first year, to assess the vulnerability and risks within a subregion of the San Francisco Bay shoreline to the climate impacts of sea level rise and storms for two scenarios—16 inches and 55 inches. The second year of the project will use the vulnerability and risk assessment to develop adaptation strategies that will include options for addressing financing, structural and non-structural protection, monitoring, governance and other options to increase community and regional resilience. The ART project is a partnership between BCDC and the National Oceanic and Atmospheric Administration's Coastal Services Center. Other partners include the Metropolitan Transportation Commission, the California Department of Transportation and ICLEI.

The ART project is assessing the vulnerability of a variety of sectors along the Alameda County shoreline, including transportation, community land use, parks and recreation, contaminated lands, structural and non-structural shorelines, the Port of Oakland, Oakland International Airport, stormwater/wastewater, hazardous waste sites and pipelines. The work is being conducted in close collaboration with a working group of representatives from the agencies within the subregion. The working group is providing information and data; evaluating the models, scenarios and climate impacts; helping identify community assets; and assisting with a vulnerability and risk assessment. The subregional assessment will provide an understanding of vulnerability and risk necessary for developing appropriate adaptation options and strategies.

An important component of the vulnerability and risk analysis is the potential socioeconomic vulnerability of the subregion to sea level rise and storms. Based on past experience gained from conducting socioeconomic vulnerability analyses of the State of California and the San Francisco Bay Area, the Pacific Institute has been identified as the organization to assist in developing an approach for addressing socioeconomic vulnerability within the subregion. The contract will be funded through BCDC's NOAA Section 309 grant, fiscal year 2010-2011. The scope of work for the grant set aside \$25,000 for a consultant to provide technical assistance to the ART project.



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