



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 24, 2009

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Design Of The Airfield Safety Projects – Tidal Basin Circulation

RECOMMENDATION: That Council

- A. Authorize the Public Works Director to execute a contract with URS Corporation in the amount of \$325,870 for design services for the Airfield Safety Projects – Tidal Basin Circulation, and authorize the Public Works Director to approve expenditures of up to \$32,587 for extra services of URS that may result from necessary changes in the scope of work; and
- B. Authorize the Public Works Director to execute a contract with Tartaglia Engineering (Tartaglia) in the amount of \$136,535 for design services for the Airfield Safety Project – Tidal Basin Circulation, and authorize the Public Works Director to approve expenditures of up to \$13,700 for extra services of Tartaglia that may result from necessary changes in the scope of work.

DISCUSSION:

BACKGROUND

The Airfield Safety Projects included a variety of work at the Airport to enhance safety. Project construction was completed in 2008. The work included construction of new 1000' long by 500' wide safety areas at each end of the primary runway, by relocating Carneros Creek and shifting the entire runway about 700' to the west. Thirteen acres of wetland habitat were impacted by the Safety Projects and a full mitigation program was established as part of the project's approvals and permitting.

To date, most of the 53 acre mitigation program has been completed; however, the Airport still needs to provide an additional 6.5 acres of wetland habitat to fully mitigate project impacts. Restoring tidal circulation to the Goleta Slough has been a long time goal of the environmental community, and it is a good opportunity to provide relevant mitigation for the Safety Projects. However, the possibility of increasing the risk of bird strikes was a serious concern for the Federal Aviation Administration (FAA) and the

Airport. To assess the risk, a demonstration project was constructed followed by three years of bird monitoring. The objective of the monitoring study was to obtain site-specific data that would adequately address the aviation bird strike issues associated with restoring tidal circulation to portions of the Slough to the satisfaction of the FAA and the Airport. The monitoring study results have been favorable and the Airport now needs to finalize construction of the tidal basin to complete the mitigation program.

PROJECT DESCRIPTION

The work consists of opening an area within the Goleta Slough to tidal influence. The area, known as Basin L/M (see attached), will be excavated, graded, and connected to Tecolotito Creek so that a tidal habitat is established. Basin E/F (see attached), which was opened to tidal circulation several years ago as part of the demonstration project, will be enlarged, and in combination with Basin L/M, will provide a total of 6.5 acres of new wetland habitat. This will complete the Airport’s obligation for Safety Area Projects’ mitigation.

DESIGN PHASE CONSULTANT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with URS in the amount of \$325,870 for design and permitting assistance. Staff also recommends that Council authorize the Public Works Director to execute a contract with Tartaglia in the amount of \$136,535 for engineering design and permitting assistance. URS and Tartaglia were selected under a competitive selection process to provide these types of services for the Airfield Safety Project.

FUNDING

The following summarizes all estimated mitigation project costs:

ESTIMATED TOTAL MITIGATION PROJECT COST

Design (by Contract)	\$462,405
City staff	\$20,000
Subtotal	\$482,405
Estimated Construction Contract w/Change Order Allowance	\$4,100,000
Estimated Construction Management/Inspection	\$200,000
Subtotal	\$4,300,000
TOTAL PROJECT COST	\$4,782,405

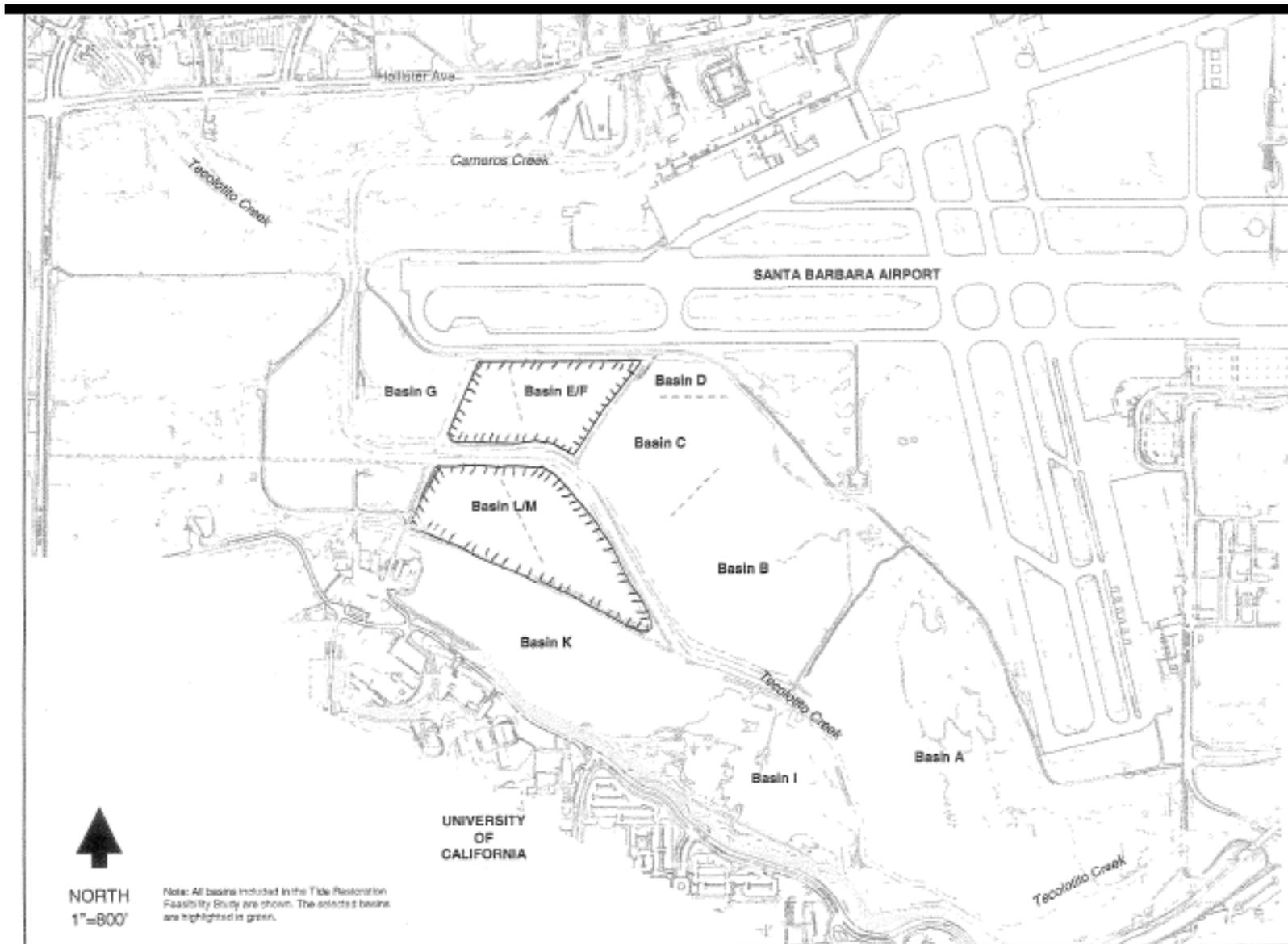
There are sufficient funds in the Airport Grant Fund to cover these costs.

ATTACHMENT: Basins E/F and L/M Vicinity Map

PREPARED BY: Owen Thomas, Principal Engineer/sk

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office



Basins E/F and L/M Vicinity Map