

REPORT

To the Honorable Mayor and City Council
From the City Manager

November 14, 2005

Subject

Agreement for Professional Consultant Engineering and Design Services for the Redwood Shores Lagoon System Dredging Project.

Recommendation

Approve and authorize execution of agreement with Moffatt & Nichol Engineers of Walnut Creek, California, for providing consultant engineering and design services for Phase 1 of the Redwood Shores Lagoon System Dredging Project, in an amount not to exceed \$106,764.00.

Background

Circulation studies have been conducted by Redwood City over the past few years to evaluate water quality of the Redwood Shores Lagoons. This past summer, Redwood City hired a Hydrographic Surveyor to plot the depth of siltation that has accumulated within the Lagoons. The Lagoons receive salt water from the Bay, and have never been dredged since they were constructed. The surveying has confirmed sedimentation, which is adversely affecting the original designs of the Lagoons.

The purpose of this project is to develop a comprehensive strategy to remove silt build-up, which affects the water quality and circulation capabilities of the Lagoon System. City staff invited firms to present and describe their experience and ability to develop a comprehensive dredging program that encompasses design, water quality, testing, and permitting. The firm of Moffat & Nichol was selected because of their expertise in the design and experience in successfully completing similar projects in other cities such as Foster City.

To complete a Comprehensive Dredging Design, Moffatt & Nichol has proposed three (3) phases as follows:

Phase 1 – Preliminary Design	\$106,764.00
Phase 2 – Permits & Bid Documents	\$ 84,000.00
Phase 3 – Construction	\$ 14,000.00

At this time, City staff recommends only assigning Phase 1, as Phases 2 & 3 are subject to potential changes after the Preliminary Design is formulated.

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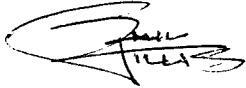
Alternative

Do not enter into an agreement with Moffatt & Nichol at this time, and conduct more interviews with other firms capable of producing comprehensive dredging programs.

A complete copy of the agreement is available for review in the City Clerk's office.

Fiscal Impact

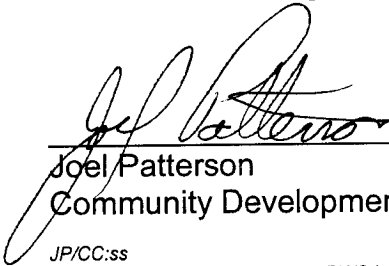
Funds in the amount of \$250,000 are appropriated in the FY 2005-2006 Capital Improvement Program budget for the design and future construction of the Redwood Shores Lagoon System Dredging.



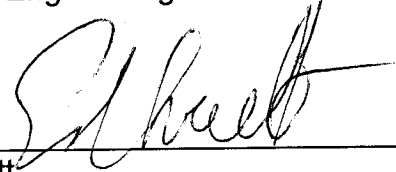
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Community Development Services Director



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S:/library/reports/paul_consultant_RWS Lagoon Dredging