

Harbor Basin Alternatives Study

October 13, 2010 CAC

RFP Process

- RFP issued July 30th to over 25 firms
- Staff contacted by 4 firms expressing interest
 - 1 firm indicated project budget was too small
 - 1 firm indicated not enough time to prepare proposal
 - 1 firm was looking to team up as a sub-consultant
 - 1 team, led by ESA, submitted proposal
- ESA presents a highly qualified team
 - Coastal planning
 - Habitat restoration
 - Design and financial feasibility
- Interview panel consisted of CAC Chair, Master Developer, and City staff

ESA's Team

- ESA
 - Been with City and studying the harbor/marshlands since 1980s, preparing permits, managed marshlands, and studied hydrology and wildlife for 20+ years.
- 2M
 - Recreation planners and landscape architects who have planned successful shoreline and water-oriented projects including Berkeley Bay Trail Extension Project and Marina Shoreline Design.

ESA's Team

- Moffatt & Nichol
 - Provided the initial prediction to the City of the equilibrium water depths in a 2008 study.
 - Services provided include development of marina improvement plans, feasibility of reducing shoaling and wave action within marina, and environmental impacts associated with marina improvements.
- PWA (now part of ESA)
 - Provides specialized habitat restoration expertise and has worked on the Alviso Slough Marina Enhancement Project and the South Bay Salt Pond Restoration Project.

Project Understanding

- Maintain some form of boating/aquatic recreation;
- Consider potential for revenue which offsets some/all of long-term maintenance;
- Be hydro-geologically self-sustaining;
- Be coordinated with/complementary to Master Development.

Work Products

- Alternative Concepts
 - 3 alternatives will be developed, both in narrative and with illustration
 - No Action Alternative will be described
- Each Alternative will be assessed on:
 - Permitting/regulatory opportunities and constraints
 - Cost projections
 - Long-term maintenance projections
 - Potential revenues
 - Meteorological and hydrological patterns/constraints
 - Recreational opportunities
 - Consistency with adjacent current and future land uses

Timeline

- Shoreline-Marina Subcommittee – September 13
- Council approves consultant's contract – October 4
- Shoreline CAC meeting – October 13
- Town Hall meetings – 11/9 at Main Library; 11/17 at MCC
- Council Work Session – December 13
- Draft Report – early January
- Final Report – late January
- Future meetings with CAC, Shoreline-Marina Subcommittee and Council to discuss report - TBD

Review of Assumptions

- Currently, no reliable or consistent funding source for dredging and dredge spoils disposal – basin to be hydro-geologically self sustaining;
- Boating is not precluded as a future use – at a minimum the desire is to maintain access for non-motorized vessels and/or those vessels with a low draft;
- Boat launch to remain viable for as long as possible;
- Future uses of basin shall be aesthetically attractive to the public and fit in with existing and planned surrounding shoreline area uses;
- The alternatives should, to the maximum extent feasible, provide public access to water-related activities.

Checklist approach for alternatives

- Does it provide aquatic recreation?
- Is it complementary to land-side development proposal?
- Is it sustainable with natural hydrology and sediment transport processes?
- How difficult will it be to secure regulatory permits?
- What will it cost to implement/maintain?
- Does it generate revenue?

Discussion of Options

