



TO: Honorable Mayor & Members
Fort Lauderdale City Commission

FROM: Lee Feldman, City Manager

DATE: September 5, 2012

TITLE: Motion to approve Task Order 7 with URS Corporation Southern – Atlantic Intracoastal Waterway South Marina Dredge Project - \$139,689

Recommendation

It is recommended that the City Commission approve Task Order 7 with URS Corporation Southern (URS) in the amount of \$139,689 to further assess those aspects of the marina dredge project that can influence project design development, permitting and implementation cost and schedule, specifically compensatory mitigation, sediment quality and post-dredging stability of the dock piling at each marina.

Background

The Florida Inland Navigation District (FIND) plans to deepen the Atlantic Intracoastal Water Way (ICWW) in Broward, extending from the 17th Street Causeway to a location approximately 4,000 feet north of the Las Olas Boulevard Bridge. The project will construct a 125-foot channel plus wideners, dredged to a depth of -17 feet Mean Low Water (MLW). The ICWW deepening project adjoins City of Fort Lauderdale (City) marine facilities at the Fort Lauderdale Aquatic Complex, Las Olas Marina and the Bahia Mar Yachting Center. The dredging is anticipated to provide additional channel depth allowing deeper draft vessels access to these marine facilities.

The City is considering a marina dredging project, if funded, to deepen areas of the ICWW extending from the edge of the dredged ICWW channel to the City's marine facilities. Currently funding has been allocated by City Commission and a FIND grant to explore the feasibility of the project and address the main concern of seagrass mitigation. If the project is further funded and continues to the design and permitting phases, staff recommends to "piggyback" onto FIND's project utilizing the same dredging contractor, dredge material disposal sites, etc. This approach is expected to provide significant cost savings and should expedite project implementation.

The proposed dredging of the City marinas would allow the larger vessels access upon completion of the FIND dredging project dockage along the ICWW.

Task Order #7 will further assess those aspects of the project that can influence project design development, permitting and implementation cost and schedule; specifically compensatory mitigation, and sediment quality. Task Order #7 specifically includes the following:

1. **Permit Planning and Field Coordination** – Develop plans to permit the project and mitigate for potentially unavoidable impacts to seagrass, and collect field data at the dredge site and candidate mitigation sites.
2. **Natural Resource Field Data Collection** – Conduct and document observations of natural resource, infrastructure and conditions at each candidate (in-county and out-of-count) mitigation site to support development of the conceptual mitigation plan.
3. **Conceptual Mitigation Plan** – Evaluate field data and identify preferred and alternate Mitigation sites, prepare conceptual level drawings, identify design and regulatory timelines, and prepare an Order-of-Magnitude Engineers Opinion of Probable Construction Cost (EOPCC).

Resource Impact

There is a fiscal impact to the City in the amount of \$142,482.78 which Task Order 7 funding and administration funding for staff.

AVAILABLE:

| SUB | | | | SUB | | | |
|--------------|------|----------------------------------|-------------|---|----------|--------------|-------------------|
| FUND | FUND | FUND NAME | INDEX # | INDEX NAME | OBJECT # | SUBJECT NAME | AMOUNT |
| 129 | 01 | MISC FEDERAL/STATE/COUNTY GRANTS | P11670.129 | Bahia Mar Marina Dredging Phase 1 Grant | 6599 | CONSTRUCTION | 97,782.30 |
| 129 | 01 | MISC FEDERAL/STATE/COUNTY GRANTS | P11670.129A | Bahia Mar Marina Dredging Phase 1 Match | 6599 | CONSTRUCTION | 44,700.48 |
| TOTAL | | | | | | | 142,482.78 |

Attachment

Exhibit 1- Task Order 7

Prepared By: Todd Hiteshew, Environmental Services Manager

Department Director: Albert J. Carbon, P.E.