



October 11, 2017

To: Moshe Anuar; Senior Coastal Project Manager; Hollywood CRA

From: Mike Jenkins, PhD, PE, ATM Coastal Engineering Principal

**RE: Review of Bid – BCRA 09-029 Phase II
Beach Renourishment Phase II**

This memorandum provides an overview the bids received for the above referenced project and provides a recommendation for acceptance of the lowest bid.

Bid Review

In total 3 responsive bids were received and are summarized within Table 1. All bidders are reputable firms with significant prior history on similar projects. The two lowest bids were similar in total costs (the second lowest bid was only 1.2% higher than the lowest bid).

The lowest bid was received from Eastman Aggregates for a total cost of \$3,924,451.46. This cost is higher than the engineer's estimate of \$3.1 million, though it is important to acknowledge significant recent changes in the bidding environment that likely contribute to this result. In particular the local demand for trucks and heavy equipment has increased significantly following hurricane Irma. In addition the demand for upland sand as a nourishment source has likely increased post storm as the proposed source is utilized for projects on both the Florida east and west coasts.

**TABLE 1.
Summary of Bids**

Contractor	Total Base Bid Amount
Eastman Aggregates	\$3,924,451.46
Ranger Construcion	\$3,971,599.80
Phillips and Jordan	\$5,082,809.89

Lowest Bidder Review

The lowest bidder (Eastman Aggregates) is a local (Palm Beach County) firm with extensive beach nourishment experience. The following items regarding the company and this project are noted:



- Eastman Aggregates was the construction contractor for the previous (2011 Hollywood Nourishment Project. This project was completed to the satisfaction of the City with no contractual issues or work deficiencies.
- Eastman Aggregates was the construction contractor for the 2016 Broward county segment II beach nourishment project completed last year.
- Applied Technology and Management, Inc (ATM) has provided Engineer of Record oversight of a number of projects constructed by Eastman Aggregates. In all cases work was completed to the satisfaction of the Engineer of Record.

Recommendation

Given that the lowest bid received was responsive and proffered by a reputable firm with demonstrated beach nourishment ability and expertise, we recommend acceptance of this bid as the basis for project construction.

