

TOWN OF PALM BEACH

Information for Town Council Meeting on: April 10, 2018

TO: Mayor and Town Council

VIA: Kirk W. Blouin, Town Manager

FROM: H. Paul Brazil, P.E., Director of Public Works

RE: Approval of a Purchase Order for Construction Phase Engineering Services for the Mast Arm Replacement and Signalization Improvements – Bradley Place/Sunrise Avenue and Clark Avenue/Cocoanut Row Intersections
Resolution No. 45-2018

DATE: March 26, 2018

STAFF RECOMMENDATION

Town staff recommends that Town Council approve Resolution No. 45-2018 approving a purchase order for Construction Phase Engineering Services to Kimley-Horn and Associates, Inc. (KHA), for the Mast Arm Replacement and Signalization Improvements at the Bradley Place/Sunrise Avenue and Clark Avenue/Cocoanut Row intersections in the amount of \$63,627.50 and establishing an engineering services budget of \$70,000, including contingency.

GENERAL INFORMATION

The Town owns, operates, and maintains six (6) signalized intersections within the Town of Palm Beach. The majority of the traffic signal poles in the Town were installed in the early 1970's. These signal poles met the wind load requirements at that time. Since then, the wind load requirements have become more stringent due to the impacts of several hurricanes (Andrew, Charlie, Francis, Jean, and Wilma) that hit South Florida. During Hurricane Wilma, one (1) of the Town's signal poles was blown down. These poles do not meet the current wind load standards. The proposed replacements will meet the current wind load standards and are also a more decorative style pole. The new decorative mast arm and pole, as presented and approved at the July 14, 2015 Town Council meeting, will match those currently in the Town located at the Hammon Avenue, Worth Avenue, and Peruvian Avenue intersections on South County Road.

At the February 10, 2015 Town Council meeting, Town Council ratified the Selection Committee's recommendations for Mast Arm Replacement and Signalization Improvements Design Consultant, RFQ No. 2015-13, and awarded a final design and bid phase services purchase order to KHA to prepare the plans and specifications for the replacement of the existing Town owned 1970's "trombone" style poles. The design contract for the Signalization and Mast Arm Improvements included all Town owned signalized intersections:

- Sunrise Avenue/North County Road completed the summer of 2016
- Sunset Avenue/North County Road completed the summer of 2016
- Bradley Place/ Sunrise Avenue scheduled for the summer of 2018
- Clarke Avenue/Cocoanut Road scheduled for the summer of 2018,
- Pendleton Avenue/Cocoanut Row scheduled for the summer of 2019
- Seabreeze Avenue/Cocoanut Row scheduled for the summer of 2019

The plans and specifications for the remaining Town owned mast arms, Pendleton Avenue/Cocoanut Avenue and Seabreeze Avenue/Cocoanut Row signalized intersections, are complete and will be bid on for a summer 2019 construction.

The Construction Phase Engineering Services will include plan updates, shop drawing reviews, site visits, maintaining daily reports, progress photos, scheduling, conducting meetings, preparing meeting minutes, and assisting staff with onsite observations, inspections, and certification of project completed per design. We have negotiated a Construction Phase Engineering Services contract with KHA in the amount of \$63,627.50. Staff recommends a Construction Phase Engineering Services contingency of ten percent (10%), resulting in a total budget of \$70,000.

FUNDING/FISCAL IMPACT

Funding for the Signalization and Mast Arm Upgrades preliminary, design, bid, and construction phases is fully contained within the Accelerated Capital Improvement Program Phase 2.

PURCHASING REVIEW

This item has been reviewed by the Purchasing Division and approved as recommended.

TOWN ATTORNEY REVIEW

This Resolution has been reviewed and approved by the Town Attorney for legal form and sufficiency. The Town Attorney will review the Professional Services agreements for legal form and sufficiency prior to execution by the Town Manager.

Attachments

cc: Jane Le Clainche, Finance Director
 Patricia Strayer, P.E., Town Engineer
 Jason Debrincat, P.E., Senior Project Engineer
 Michael Roach, P.E. Project Engineer
 Dean Mealy, Purchasing Manager