

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: Award Bid No. 2018-21 and Approve a Construction Contract for the Signalization and Mast Arm Improvements Project at the Bradley Place/Sunrise Avenue and Clarke Avenue/Cocoanut Row Intersections
Accelerated Capital Improvement Program - Phase 2
Resolution No. 44-2018

DATE: March 27, 2018

STAFF RECOMMENDATION

Staff recommends that Town Council approve Resolution No. 44-2018 awarding Bid No. 2018-21 and approving a construction contract to A.U.M. Construction, Inc., for the Signalization and Mast Arm Improvements Project at the Bradley Place/Sunrise Avenue and Clarke Avenue/Cocoanut Row intersections in the amount of \$532,618, and establishing a construction phase budget of \$586,000, including contingency.

In addition, staff recommends that Town Council grant a waiver to Sections 42-196 and 199 of the Town of Palm Beach Code of Ordinances to allow for extended work hours and night-time work, as necessary and approved by Public Works. Staff also recommends a waiver of the Town Code of Ordinances Section 42-226 through 229 - Regulation of Noise.

GENERAL INFORMATION

The Town owns, operates, and maintains six (6) signalized intersections within the Town. The majority of the traffic signal poles in the Town were installed in the early 1970's. These poles do not meet the current wind load standards. The wind load requirements have become more stringent since these poles were installed due to the impacts of Hurricanes Charlie, Francis, Jean, and Wilma. The new decorative mast arm and pole that will meet the current wind load requirements was presented and approved at the July 14, 2015 Town Council meeting. The mast arms and poles will also 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, Kimley-Horn and Associates, Inc. (KHA) was awarded a Purchase Order for the Design and Bid Phase Services for the Town owned signalization and mast arm improvements. KHA was selected among seven (7) consultants who had submitted under Request for Qualifications (RFQ) No. 2015-13. State law requires that any project with a total value in excess of \$2 million and/or engineering services exceeding \$200,000 be advertised separately rather than being awarded by way of a continuing services agreement.

The Signalization and Mast Arm Improvement Project consists of improvements to six (6) Town owned signalized intersections; the Sunrise Avenue and Sunset Avenue intersections on North County Road that were upgraded the summer of 2016. In an effort to reduce construction fatigue, there were no signal improvements during the summer of 2017 at the request of Town Council. The Bradley Place at Sunrise Avenue and Clarke Avenue at Cocconut Row intersections were scheduled for this summer of 2018 and the Pendleton Avenue at Cocconut Row and Seabreeze Avenue at Cocconut Row for the summer of 2019. The selected intersections for 2018 and 2019 was to avoid adjacent intersections under construction at the same time. The plans and specifications for the last two (2) intersections are complete and staff anticipates bidding these intersections later this fall.

As the ADA standards have changed since the initial evaluations and preliminary design of the intersections, the consultant and staff has taken steps in the design to minimize the number of poles at the intersections where possible and remain compliant with the regulations. Enclosed are sketches of the existing conditions and proposed improvements for the Bradley Place/Sunrise Avenue and Clarke Avenue/Cocconut Row intersections for reference.

The Purchasing Division solicited bids for the Signalization and Mast Arm Improvements at the Bradley Place/Sunrise Avenue and Clarke Avenue/Cocconut Row intersections. The proposed work includes replacing the existing mast arms, upgrading the signalization, upgrading curb ramps to current ADA standards, milling, resurfacing, and striping of both the intersections.

The Signalization and Mast Arms Improvements were advertised for bid in late December 2017 and Purchasing received only two (2) proposals. Both of the bids received were over the Town's estimated budget. Purchasing requested a best and final from the lowest bidder, but negotiations failed to get the project within the estimated budget. Staff evaluated those proposals, repackaged the Signalization and Mast Arm Improvements and rebid the project in February.

Upon the rebid, the Town received four (4) bids on March 16, 2018. The lowest responsive bidder was AUM Construction, Inc., in the amount of \$532,618. Staff recommends awarding the contract to A.U.M. Construction, Inc. for the bid amount of \$532,618, and establishing a construction phase budget of \$586,000, including contingency.

SPECIAL CONDISDERATIONS

The milling, resurfacing, striping, installation of the mast arms, and concrete improvements will have varying degrees of impacts on the traffic. Those impacts on the traffic and local businesses will be minimized by performing some of these improvements during the night-time hours.

Staff recommends a waiver to Section 42-196 and Section 42-199 of the Town Code of Ordinances allowing night-time construction, as necessary, and approved by Public Works. The contractor, with the assistance of Public Works staff, will notify businesses and residents in the immediate area prior to any night-time activities, and issue a press release for the week.

Staff also recommends a waiver to the Noise Ordinance for those same night-time activities from Section 42-226 through Section 42-229 of the Town Code of Ordinances.

FUNDING/FISCAL IMPACT

Funding for the Signalization and Mast Arm Upgrades is fully contained within the Accelerated Capital Improvement Program Phase 2 and within the estimated budget.

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.

Attachments

cc: Eric Brown, P.E., Assistant Director of Public Works
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