



Legislation Text

File #: RES 2018-062, Version: 1

AGENDA ITEM REPORT

TITLE:

A RESOLUTION ACKNOWLEDGING AND RATIFYING A NO-COST AMENDMENT TO CHANGE ORDER NO. 1 TO THE COMPREHENSIVE STREET IMPROVEMENTS PHASE I CONTRACT WITH STANFORD CONSTRUCTION CO. TO PROVIDE FOR THE SUBSTITUTION OF SOLAR POWERED LED BIKE LANE DELINEATORS MANUFACTURED WITH A GLASS LENS, AS PROVIDED IN EXHIBIT "A-1."

BACKGROUND:

On January 11, 2018, the City Commission approved Change Order No. 1, in the amount of \$249,782.50, to the Comprehensive Streets Improvements Phase I contract with Stanford Construction Co. for the procurement and installation of MS1 model solar powered LED bike lane delineators along eastbound and westbound Winston Park Boulevard, between Lyons Road and SR 7/US 441. Under a Joint Participation Agreement (JPA) with the Florida Department of Transportation (FDOT), the City would be compensated up to \$250,000 by FDOT for the cost of the change order subsequent to completion of the installation. The MS1 model delineator specified in the JPA was manufactured with a transparent, acrylic lens as provided in Exhibit "A" of the original JPA.

DISCUSSION:

FDOT has been in search of a resilient solar powered LED roadway delineator that can withstand the harsh environment of a roadway surface. Within the past two years, a pilot installation at the Village of Key Biscayne, utilizing delineators with a plastic lens, yielded a less than optimum performance with the lens becoming cloudy during the evaluation period. FDOT found a local distributor, Miami Security and Service, LLC, who introduced the Model MS1 delineator with an acrylic lens, which was approved for the pilot installation on Winston Park Boulevard under the Comprehensive Street Improvements Phase I project.

Since the approval of Change Order No. 1 for the installation of the MS1 model delineators specified by the JPA, FDOT has become aware of other MS bike delineator models that utilize a glass lens instead of the acrylic lens. FDOT proceeded to subject the glass delineator to an impact test, compression test, and tests for scratch resistance. The delineator performed adequately in the test, and its lens was assessed to be superior in durable clarity than other materials. The City and FDOT expect that the glass lens would prove superior to the other materials in its resistance to scratching and clouding.

The glass lens MS model delineators will be purchased and installed at no additional cost to the City and with no changes to the terms of the original contract with Stanford Construction Co. Approval of

this Resolution will replace the acrylic lens MS1 model delineators, as depicted in Exhibit "A," with the glass lens MS model delineators, as depicted in Exhibit "A-1."

RECOMMENDATION:

Staff recommends approval of this Resolution.

FISCAL IMPACT: N/A