



Legislation Text

File #: 2015-2743, **Version:** 1

Consider a resolution authorizing the City Manager to issue a purchase order to Paradigm Traffic Systems, Inc. for a back-up battery system.

In 2013 the City began implementation of an traffic signal Battery Backup uninterruptible power supply (UPS) system to include all City of Round Rock Signalized intersections to provide backup power in the event of loss or failure of normal utility power. The system will provide power to operate a Traffic Signal for 3-4 of full color operation and 18-24 hours of operation in Red Flash.

This City currently maintains 81 Traffic Signals including 5 current New Traffic Signal projects.

In 2013, the City maintained 67 intersections and selected a system though RFI 14-012 for a multi-year program. Implementation began Sept 2014 with 26 installations along Palm Valley Blvd, Gattis School Road and Louis Henna Blvd. Implementation continued in In Mar 2015 with 20 installations along University Blvd; Hesters Blvd and Old Settlers.

Currently the City has 5 current Traffic Signal projects with BBU/UPS at Cypress Blvd@ Sunrise, Greenlawn@ Pflugerville Loop, Red Bud@ Pioneer Crossing & Old Settlers and University@ Vizcaya; and 3 Improvement Projects including 3 Signals at University@ IH35 DDI, Mays@ Main & Anderson.

Future TXDOT projects include Palm Valley@ A.W. Grimes and Old Settlers Blvd@ Planation D. and future City Traffic Signal Improvement projects include McNeil@ IH35 & Round Rock West & Palm Valley@ Egger Blvd.

The City will have 5 remaining Traffic Signal BBU/UPS Systems to install which is scheduled in 2016 for Kenney Fort@ Forest Creek & Joe DiMaggio, N Mays @ Texas & Bowman and S Mays@ Logan.

This request is for 17 BBU/UPS systems for Round Rock Ave/RM620, A.W. Grimes, Old Settlers (completion of corridor), Kenney Fort Blvd and McNeil Drive to keep up with the growth of our signals maintained.

Cost: \$81,600.00

Source of Funds: General Fund

Staff recommends approval.