

REQUEST FOR CITY COUNCIL CONSIDERATION

Meeting Date: January 8, 2007

Agenda Item: 5(D)	Prepared By: Rony Joel, Public Works Director Date: January 2, 2007
Agenda Section: Business: Consent Agenda	
Subject: Amendment to the Citywide Traffic Signal Project	Department: Public Works Engineering

BACKGROUND:

City Council is asked to authorize the City Manager to modify the existing contract with Horsepower Electric for the addition of the Barfield/Collier Traffic Signal and the Video Detection System.

City Council on June 5th, 2006 approved the Award of contract for the Citywide Traffic Signal Improvements to Horsepower Electric in the amount of \$1,477,750. This award was to install signals at seven (7) locations. The original bid proposal included eight (8) intersections; however the North Collier Boulevard and Barfield Drive intersection was excluded due to questions on funding.

The signal upgrades were designed several years ago, utilizing the technology available at that time. During the last several years the signal technology has greatly improved. The newest technology for detection of vehicle movements for turning is to use video detection. The Iteris Vantage Edge 2 video system is currently specified and used on all the Collier County Traffic Signal Projects and is the state of the art in video detection.

After June 5th, 2006, staff evaluated the reimbursement from the Federal Highway Administration for damages to our signals from Hurricane Wilma. These additional funds and the funds from land development agreements from the Esplanade and the Hideaway Beach PUD have increased our available funds for the Traffic Signal Improvements. In addition, funds from the San Marco Road and Bald Eagle Drive Intersection Project will contribute to the total.

Therefore, the requested contract modification is for the addition of the signal improvements for North Collier Boulevard at Barfield Drive and to install video detection systems at all eight (8) traffic signal systems. The additional cost to the project will be \$449,090 (\$275,970 for the Barfield Signal and \$173,120 for the video detection system).

The total revised contract amount will be \$1,926,840.

RECOMMENDED ACTION:

Authorize the City Manager to sign the requested Contract Modifications for Citywide Traffic Signal Improvements in the sum of \$449,090 with Horsepower Electric.

Reviewed by Department Director	Reviewed by City Manager
Council Action: Motion by:	Second by: