

FORSYTH COUNTY

BOARD OF COMMISSIONERS

MEETING DATE: APRIL 22, 2013

AGENDA ITEM NUMBER: 9

SUBJECT: RESOLUTION AUTHORIZING IMPLEMENTATION OF THE LAW ENFORCEMENT DETENTION CENTER ENERGY PROJECT WHICH WAS AUTHORIZED IN CONCEPT UNDER THE 2012 PAY-GO CAPITAL PROJECTS ORDINANCE

COUNTY MANAGER'S RECOMMENDATION OR COMMENTS: Recommend Approval

SUMMARY OF INFORMATION:

The Forsyth County Board of Commissioners adopted the 2012 Pay-Go Capital Projects Ordinance (CPO) at its October 22, 2012 meeting. The CPO was established to authorize the funding for several projects in concept. One of those projects was for energy improvements at the Law Enforcement Detention Center (LEDC). This resolution is seeking permission to implement the LEDC Energy Project.

The Energy projects include replacement of lamps and ballasts, installation of approximately 100 occupancy sensors, replacement of 161 existing Exit signs, installation of Ozone Creation Laundry System, installation and programming of twelve variable frequency drives in air handling units, and a study related to the installation of solar panels for hot water purposes.

The total project cost will be \$247,500 after Duke Energy Reimbursements of \$14,600. The annual energy savings is estimated to be \$142,000 with a return on investment in less than two years.

ATTACHMENTS: YES NO

SIGNATURE: _____

J. Dudley White, Jr.
COUNTY MANAGER

DATE: _____

April 17, 2013

**RESOLUTION AUTHORIZING IMPLEMENTATION OF THE
LAW ENFORCEMENT DETENTION CENTER ENERGY PROJECT
WHICH WAS AUTHORIZED IN CONCEPT UNDER THE 2012 PAY-GO
CAPITAL PROJECTS ORDINANCE**

WHEREAS, on October 22, 2012, the Forsyth County Board of Commissioners (“Board”) adopted the 2012 Pay-Go Capital Projects Ordinance, which authorized several projects in concept, subject to review by the Board of the plan, compliance with applicable bidding laws, and final award or authorization by the Board as required by law and/or the Budget Ordinance; and

WHEREAS, one of the projects which was authorized in concept is the Law Enforcement Detention Center (LEDC) Energy Project in the proposed amount of \$240,000 with a total project cost of \$247,500 after Duke Energy Reimbursements; and

WHEREAS, the LEDC Energy Project includes replacement of lamps and ballasts, installation of approximately 100 occupancy sensors, replacement of 161 existing Exit signs, installation of Ozone Creation Laundry System, installation and programming of twelve variable frequency drives in air handling units, and a study related to the installation of solar panels for hot water purposes; and

WHEREAS, the proposed expenditure is expected to yield an estimated annual energy savings in the amount of \$142,000;

NOW, THEREFORE, BE IT RESOLVED that the Forsyth County Board of Commissioners hereby authorizes the implementation of the Law Enforcement Detention Center (LEDC) Energy Project in the amount of \$247,500, subject to compliance with applicable bidding laws and final award or authorization of specific contracts under the said Project by the Board of County Commissioners as required by law and/or the Budget Ordinance.

BE IT FURTHER RESOLVED that the County Manager, Clerk to the Board and the Chief Financial Officer are hereby authorized to execute the necessary documents and make the necessary expenditures to carry out the purposes of the LEDC Energy Project, subject to the limitations set forth herein and subject to a pre-audit certificate thereon by the Chief Financial Officer, where applicable, and approval as to form and legality by the County Attorney.

Adopted this the 22nd day of April, 2013.