

FORSYTH COUNTY

BOARD OF COMMISSIONERS

MEETING DATE: OCTOBER 26, 2017

AGENDA ITEM NUMBER: 9 A-C

- SUBJECT:**
- A. AMENDMENT TO 2016 PAY-GO CAPITAL PROJECTS ORDINANCE TO TRANSFER AND APPROPRIATE FUNDS FOR THE ARC FLASH ANALYSIS AND INFRARED STUDY PROJECT**
 - B. AMENDMENT TO FY2017-2018 BUDGET ORDINANCE TO APPROPRIATE FUNDS FROM 2016 PAY-GO CAPITAL PROJECTS ORDINANCE FOR THE ARC FLASH ANALYSIS AND INFRARED STUDY PROJECT**
 - C. RESOLUTION SELECTING AN ENGINEERING FIRM AND AUTHORIZING EXECUTION OF A CONTRACT TO PROVIDE PROFESSIONAL ENGINEERING SERVICES FOR ARC FLASH ANALYSIS AND INFRARED STUDY PROJECT**
- (GENERAL SERVICES DEPARTMENT)**

COUNTY MANAGER'S RECOMMENDATION OR COMMENTS: Recommend Approval

SUMMARY OF INFORMATION:

On November 28, 2016, the Board of Commissioners adopted the 2016 Pay-Go Capital Projects Ordinance to fund several projects and appropriated additional funds to a budget reserve. As part of that item, the Board also authorized several projects to be funded through appropriations to the General Fund, which included funds for the Arc Flash Analysis and Infrared Study Project in General Services. Funding for the Arc Flash Analysis and Infrared Study Project was not encumbered during FY 2017 and as a result, the funds for this project reverted to the General Fund. This item will appropriate funds for this Project.

Forsyth County advertised a Request for Qualifications for the services of a North Carolina Licensed Engineering firm to perform an arc flash analysis and infrared study for Forsyth County facilities. This Project will require the firm to conduct and furnish a short-circuit, electrical equipment protective device evaluation, interrupt rating analyses, time current protective device coordination and arc flash hazard analysis studies for electrical distribution equipment for Forsyth County facilities.

Forsyth County received responses from the following ten engineering firms:

Verifiable Results NC, PLLC
Hallam ICS
Electric Power Systems
Current Solutions, P.C.
POND

Black & Veatch
AVO
Brite Engineering Consultants, Inc.
ABB, Inc.
Lewellyn Technology

The selection committee, made up of County staff, identified Verifiable Results NC, PLLC as the best qualified firm/team to provide professional engineering services for the Arc Flash Analysis and Infrared Study project.

Verifiable Results NC, PLLC is scheduled to begin the work January 1, 2018 and complete the work before June 30, 2019. Forsyth County staff negotiated an engineering fee of \$193,000.

ATTACHMENTS: yes no

SIGNATURE:


COUNTY MANAGER

DATE: October 25, 2017

**FORSYTH COUNTY, NORTH CAROLINA
AMENDMENT TO
FY2017-2018 BUDGET ORDINANCE**

FROM: BUDGET & MANAGEMENT

MEETING DATE: October 26, 2017

EXPLANATION:

On November 28, 2016, the Board of Commissioners adopted the 2016 Pay-Go Capital Projects Ordinance to fund several projects and appropriated additional funds to a budget reserve. As part of that item, the Board also authorized several projects to be funded through appropriations to the General Fund, which included funds for the Arc Flash Analysis and Infrared Study Project in General Services. Funding for the Arc Flash Analysis and Infrared Study Project was not encumbered during FY 2017 and as a result, the funds for this project reverted to the General Fund. This item will appropriate funds for this Project.

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Forsyth County received responses from ten engineering firms and identified Verifiable Results NC, PLLC as the best qualified firm/team to provide professional engineering services for the Arc Flash Analysis and Infrared Study project.

Verifiable Results NC, PLLC is scheduled to begin the work January 1, 2018 and complete the work before June 30, 2019. Forsyth County staff negotiated an engineering fee of \$193,000.

**BE IT ORDAINED BY THE FORSYTH COUNTY BOARD OF COMMISSIONERS THAT THE
FY 2017-2018 BUDGET ORDINANCE IS HEREBY AMENDED AS FOLLOWS:**

INCREASE:	<u>SECTION 1. REVENUES</u> GENERAL FUND Other Financing Sources	<u>\$193,000</u>
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INCREASE:	<u>SECTION 2. APPROPRIATIONS</u> GENERAL FUND GENERAL SERVICES	<u>\$193,000</u>
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NATURE OF TRANSACTION:

- Additional Revenue Available
- Transfer within Accounts of
Same fund
- Other: Accept Transfer from 2016 Pay-Go CPO

APPROVED BY BOARD OF COUNTY
COMMISSIONERS AND ENTERED ON
MINUTES DATED _____
AGENDA ITEM NUMBER _____

**RESOLUTION SELECTING AN ENGINEERING FIRM AND
AUTHORIZING EXECUTION OF A CONTRACT TO PROVIDE
PROFESSIONAL ENGINEERING SERVICES FOR
ARC FLASH ANALYSIS AND INFRARED STUDY PROJECT
(GENERAL SERVICES DEPARTMENT)**

WHEREAS, Forsyth County staff announced the County's requirements for engineering services to complete an Arc Flash Analysis and Infrared Study Project consistent with the provisions of N.C.G.S. 143-64.31; and

WHEREAS, Forsyth County staff submitted a Request for Qualifications in order to identify qualified firms to provide engineering services on the basis of demonstrated competence and qualification to provide these professional services without regard to a fee pursuant to the provisions of N.C.G.S. 143-64.31; and

WHEREAS, Forsyth County staff's efforts to identify qualified firms included the use of good faith efforts to notify minority firms of the opportunity to submit qualifications for consideration; and

WHEREAS, ten qualification submittals were received in response to the Request for Qualifications; and County management identified a selection committee comprised of County staff, to review and evaluate the submittals; and

WHEREAS, the selection committee identified Verifiable Results NC, PLLC as the best qualified firm/team to provide professional engineering services for the Arc Flash Analysis and Infrared Study project; and

WHEREAS, Forsyth County staff thereafter negotiated a contract with Verifiable Results NC, PLLC for engineering services at a fair and reasonable fee of \$193,000 as authorized by N.C.G.S. 143-64.31, subject to approval by the Forsyth County Board of Commissioners;

NOW, THEREFORE, BE IT RESOLVED that the Forsyth County Board of Commissioners hereby selects Verifiable Results NC, PLLC to provide engineering services as outlined herein for Arc Flash Analysis and Infrared Study project.

BE IT FURTHER RESOLVED that the Forsyth County Board of Commissioners hereby authorizes the County Manager and the Clerk to the Board to execute a contract, on behalf of Forsyth County, with Verifiable Results NC, PLLC for engineering services at a negotiated amount not to exceed a lump sum fee of \$193,000 for professional services as authorized by N.C.G.S. 143-64.31, subject to a pre-audit certificate thereon by the County Chief Financial Officer, and approval as to form and legality by the County Attorney.

Adopted this the 26th day of October, 2017.