

IFB No. BC 2017-02
SURRY COUNTY ELECTRICAL UPGRADES

FOR:

SURRY COUNTY

PREPARED BY

ALPHA CORPORATION

295 BENDIX ROAD, STE 340

VIRGINIA BEACH, VA 23452

BID CLOSE DATE: THURSDAY, July 13, 2017 @ 2:00PM

The Scope of Work is as follows:

Description of Project: Upgrade of all ceiling lighting (excluding bathrooms) to LED in the approximate 30,000 sq ft **Government Center Building** using one or combination of the following solutions:

- Full luminaire replacement
- Conversion of existing luminaires by removing current fluorescent tubes & ballast then:

- 1) Installation of LED tubes with an external 0-10V driver
- 2) Installation of a LED panel/door solution with 0-10V driver (all components mounted on a panel that is mounted into or onto the existing luminaire housing)

Note 1: LED tubes with internal drivers will not be accepted.

Note 2: LED tubes must have an external LED driver.

Note 3: LED tubes must have a temperature rating of 4000K.

Note 4: LED tubes must be provided with a quick disconnect on each luminaires power feed.

Current luminaires are all located on first floor at a height of 15' or lower, over approximately 30,000 sq ft:

Existing Luminaires:

- 309 - 2x4 fluorescent troffer
- 6 - 2x2 fluorescent troffer
- 13 - 1x4 and 1x8 surface mount, fluorescent troffer

Contractor to Provide:

- 322 - 2x4 LED luminaires (309 troffer, 13 surface mount)
OR
309 - 2x4 LED + 13 - 1x4 and 1x8 surface mount LED
- 6 - 2x2 LED luminaires

In addition the Contractor must be able:

- Provide full photometrics for solution(s) proposed
- Provide the followings services:
 - Lighting audits
 - Lighting design

- Provide commissioning
- Identify all applicable utility incentives, submissions and tracking of incentives to award/completion of Contract for the County

Provide warranty coverage as follows:

- Minimum 1 year on site labor
- Minimum 5 year materials

NOTE: Contractor to provide pricing for a wireless controls solution that meets the 90.1.T-24 IECC, LEED, Green Buildings requirements