



Gaston County

Gaston County
Board of Commissioners
www.gastongov.com

Information Technology Board Action

File #: 19-412

Commissioner Keigher - Information Technology - To Approve and Appropriate Fund Balance for the Carry Forward of Unused Funds from FY19 to FY20 for the Relocation of Fiber and Core Switches from the Pathways Building on South New Hope Road to a Different Location on the same Campus **(\$46,731)**

STAFF CONTACT

Ricky Johnson - Information Technology - 704-866-3117

BUDGET IMPACT

No additional County Funds.

BUDGET ORDINANCE IMPACT

Carry forward \$46,731 from FY19 Fund Balance and appropriate into project account.

BACKGROUND

The purpose of this request is to carry forward funds from FY18-19 fund balance. IT needs to carry forward some unspent funds from FY18-19. Background-Ownership of the building that houses our core switches and termination point for our fiber has been transferred to Pathways. The County needs to move the fiber and core switches to another building owned by the County on the same campus. Our lowest quote is \$46,731 and we are requesting permission to use left over FY19 funds from the project account #010-01-4210-0000-560000-ITMsc.

POLICY IMPACT

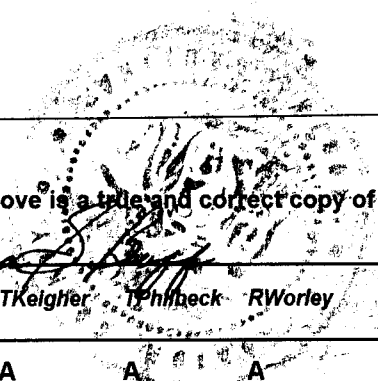
N/A

ATTACHMENTS

Budget Change Request and ISG Quote

DO NOT TYPE BELOW THIS LINE

I, Donna S. Buff, Clerk to the County Commission, do hereby certify that the above is a true and correct copy of action taken by the Board of Commissioners as follows:



NO.	DATE	M1	M2	CBrown	JBrown	AFrale	BHovis	TKeigher	JPhileck	RWorley	Vote
2019-318	11/12/2019	TK	BH	A	AB	A	A	A	A	A	U

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GASTON COUNTY BUDGET CHANGE REQUEST

TO: Dr. Kim S. Eagle COUNTY MANAGER

FROM: 4210 Information Technology
Dept. # Department Name

Ricky Johnson 10/28/2019
Department Director's Name Date

TYPE OF REQUEST:

- | | |
|--|---|
| <input type="checkbox"/> Line Item Transfer Within Department & Fund | <input type="checkbox"/> Line Item Transfer Between Funds * |
| <input type="checkbox"/> Project Transfer Within Department & Fund | <input checked="" type="checkbox"/> Additional Appropriation of Funds * |
| <input type="checkbox"/> Line Item Transfer Between Departments* | <small>* Requires resolution by the Board of Commissioners</small> |

ACCOUNT DESCRIPTION <small>(As it appears in the budget)</small>	ACCOUNT NUMBER <small>Fund - Function - Dept - Division - Object - Project xxx - xx - xxxx - xxxx - xxxxx - xxxxxx</small>	AMOUNT <small>Whole Dollars Only (See Note Below)</small>
Fund Balance Appropriated	010-99-9900-0000-490000	(\$46,731)
IT Bundled Projects	010-01-4210-0000-560000-ITMsc	\$46,731

JUSTIFICATION FOR REQUEST:

The purpose of this request is to carry forward funds from FY18-19 fund balance. IT needs to carry forward some unspent funds from FY18-19. Background-Ownership of the building that houses our core switches and termination point for our fiber has been transferred to Pathways. The County needs to move the fiber and core switches to another building owned by the County on the same campus. Our lowest quote is \$46,731 and we are requesting permission to use left over FY19 funds from the project account #010-01-4210-0000-560000-ITMsc.

Note: Decreases in expenditures & increases in revenue accounts require brackets. Increases in expenditures & decreases in revenue do not require brackets. Please note that transfers between funds require interfund transfer accounts.



INFRASTRUCTURE SOLUTIONS GROUP

Tim Haskins
Telecommunications Engineer
Gaston County Government

June 18, 2019

Subject: New Hope Road Campus Cable Relocate

Below is Infrastructure Solutions Group quote to install new fiber and copper cable at the New Hope Rd campus between four buildings.

Infrastructure Solutions Group shall perform the following

Conduit Install

- Directional Drill one 2" conduit from an existing handhole on Dixon Rd to a new handhole that shall be placed along Roberts Dr at the first building.
- Install one 2" conduit from the new handhole to the first building.
- At the First building Install a new building penetration to allow for a pathway for the new conduit
- Install one 2" conduit from the Handhole at the first building to a new handhole that shall be placed at the metal building (building 2)
- Install a new building penetration to allow for the new conduit.
- From the new handhole at building 2 install a new 2" conduit to a new handhole that shall be placed between building 3 and 4.
- At the new handhole between building 3 and 4 the existing conduits shall be intercepted and installed into the handhole to allow access to the two buildings.
- At each building that will have a new penetration there shall be a new 12"x12"6" pullbox installed.
- All grounds shall be restored to original condition once construction has been completed.

Copper Install

- Install a new 50 pair underground rated copper cable from building 1 to building 2 using the new conduit pathway
- Install a new 25 pair underground rated copper cable from building 2 to building 3 using the new conduit and existing conduit pathway
- Install a new 25 pair underground rated copper cable from building 2 to building 4 using the new conduit and existing conduit pathway
- Terminate all new copper cable using lightning protectors at each building
- Properly ground all new lightning protectors



INFRASTRUCTURE SOLUTIONS GROUP

Fiber Install

- Install a new 24 strand singlemode fiber cable from the existing handhole along Dixon road to building 1 using the new conduit pathway
- Install a new 24 strand singlemode fiber cable from building 1 to building 2,3 and 4 using the new and existing conduit pathway. Building 2,3 and 4 shall have home run fiber cables feeding back to building 1.
- Fusion splice the 24 strand singlemode fiber in the existing handhole along Dixon road to an existing fiber cable.
- Terminate all new fiber in each building within new fiber cabinet. All terminations shall be LC type.
- All new fiber shall be tested once terminations have been completed.

Total \$46,731.00

ISG shall provide all material needed to complete this installation. ISG shall assist with any permits that may be needed to cross Dixon Road.

If you should have any questions, please do not hesitate to contact me at 678-315-1844 or tom.bryant@isgsystems.com

Tom Bryant
Senior Account Manager