COUNTY AGENDA REQUEST

Department:	Information Systems	Presenter(s):	Russell Prince
Meeting Date:	Thursday, April 12, 2012	Type of Request:	New Business

Wording for the Agenda:

Consideration of staff's recommendation to authorize Mallett Consulting, Inc. to prepare a bid package with the necessary specifications and technical drawings, to solicit bids, and to provide project management services for the Strategic Technology Plan's Fiber Optic Cabling Project at an estimated cost of $16,250.

Background/History/Details:

As part of the the County's Strategic Technology Plan, a Fiber Optic Cabling Project was developed in order to connect the McDonough Road sites to the County's core network via high speed fiber optic cabling. Since this project will require running fiber optic cabling in road right-of-ways adjacent to other utilities, extensive coordination with proper agencies and utility company will be required. This type of work is performed by the Fayette County Water System on a regular basis, so the expertise of Water System's staff and Mallett Consulting, Inc. will be used to assure an efficient and successful project.

Mallett Consulting, Inc. will prepare the bid package with the necessary specifications and technical drawings, will solicit bids, and will provide the required engineering documents to the Georgia Department of Transportation (GDOT) in order to acquire the necessary DOT permits, and provide project management services for the project.

Mallett Consulting has performed similar work satisfactorily for the County in the past.

What action are you seeking from the Board of Commissioners?

Approval of staff's recommendation to authorize Mallett Consulting, Inc. to prepare a bid package with the necessary specifications and technical drawings, to solicit bids, and to provide project management services for the Strategic Technology Plan's Fiber Optic Cabling Project at an estimated cost of $16,250.

If this item requires funding, please describe:

Funding is available in the Strategic Technology Plan Fiber Optic Cabling Project budget, project 2535E.

Has this request been considered within the past two years?	No	If so, when?	
Is Audio-Visual Equipment Required for this Request?*	No	Backup Provided with Request?	Yes

**** All audio-visual material must be submitted to the County Clerk's Office no later than 48 hours prior to the meeting. It is also your department's responsibility to ensure all third-party audio-visual material is submitted at least 48 hours in advance.***

Approved by Finance	Yes	Reviewed by Legal	Yes
Approved by Purchasing	Not Applicable	County Clerk's Approval	Yes
Administrator's Approval	Yes		

Staff Notes:

Fayette County GEORGIA

Where Quality Is A Lifestyle

To: Jack Krakeel, County Administrator

From: Russell Prince, Chief Information Officer

Date: March 27, 2012

Subject: Engineering Work for the STP Fiber Optic Cabling Project

The Information Systems Department has begun work on the Fiber Optic Cabling Project that is part of the County's Strategic Technology Plan. The project was developed to connect the McDonough Road sites to the County's core network via high speed fiber optic cabling. This will require running fiber optic cable in road right of ways adjacent to other utilities, therefore extensive coordination with the proper agencies and utilities will be required. Per our discussion, the IS Department met with key staff from the Water System and David Jaeger of Mallet Consulting to discuss the project. Since planning and coordinating the installation of utilities along road right of ways is their area of expertise, we will be using their knowledge in these areas to assure that the project gets completed smoothly, efficiently, and with out issue.

The Water System staff will assist with the project and help us coordinate with the other associated utility companies. Mallet Consulting, Inc. will prepare the bid package (with the necessary specifications and technical drawings), solicit bids, provide the required engineering documents to the Department of Transportation to acquire the necessary DOT permits, and provide project management services for the project. Mallet Consulting has previously performed this type of work for the County when we had fiber optic cabling installed from the Stonewall Ave Complex to the Johnson Rd sites and to the Library. They will be using some of the same specifications they developed for those projects in this current project.

Mallett Consulting, Inc.
ENGINEERING - SURVEYING - PROJECT MANAGEMENT

101 DEVANT STREET, SUITE 804
FAYETTEVILLE, GEORGIA 30214
770-719-3333
770-719-3377 (fax)

March 15, 2012

Mr. Russell Prince
Director - Information Systems
Fayette County, Georgia
140 Stonewall Avenue
Fayetteville, GA 30214

Re: Proposal for Fiber Optic Cabling Project
Between the 911 Center and the Justice Center/Jail

Dear Russell:

Mallett Consulting, Inc. is pleased to offer the following proposal for the above referenced project. It is our understanding, that your department wishes to install a new fiber optic communications cable, connecting the 911 Center and the Justice Center/Jail Complex.

This cabling would be installed along the existing Right of Ways of McDonough Road, SR 54 and South Jeff Davis Blvd. The intent is to have the cable housed in a protective conduit, to be installed by the Directional Drilling method. A spare innerduct-type conduit(s) will also be included for future cabling. New cabling will be terminated at existing equipment rooms at each location.

Per our discussion, we are assuming that existing aerial photography will be provided by the County for use in preparing the construction plans. No new field surveying will be required to establish the proposed alignment and existing conditions along that alignment.

The project will be viewed as a Utility installation project, and as such, will be coordinated with the Fayette County Water System, as needed. Water system personnel will assist in utility coordination requirements with GDOT, other utility companies and with the bid opening process.

Proposed Fees:

1. Design and completion of construction drawings and specifications, including coordination of permitting for work on GDOT Right of Ways:

   $9950.00

2. Bid and Contract Administration, including preparation of bid and construction contract documents, advertisement for bid, bid opening, bid review and tabulation, award recommendation and coordination of contract execution:

   $1900.00

3. Construction Phase Project Management, including shop drawing review, approval of pay requests and liaison between Contractor, Owner and third party entities:

   $1400.00

4. Field Monitoring of Construction activities:

   Hourly
   (est. $3000.00)

5. Reimbursables - Printing, fees, mileage ($0.45/mi), etc.:

   At cost

Thank you for the opportunity to provide this proposal. We look forward to working with you on this project. Please feel free to call me if you have any further questions.

Sincerely,
Mallett Consulting, Inc.

David Jaeger, PE
President

Cc: Mr. Jack Krakeel