1. **Bid Purpose**  
   Shelby County is issuing this bid in order to install a new fiber optic cable as part of a fiber network expansion project for the UM campus network.
2. **Scope/Statement of Work**  
     
   Shelby County desires to seek a single vendor to implement this new fiber run. The cable work consists of approximately 1,580 feet of underground rated fiber optic cable homerun from The Jeter junction box at N. Boundary Street to the Morgan Hall. Vendor will utilize existing UM conduit when available. All conduit used to be duct sealed.
3. **General Requirements**  
     
   Proposed fiber should consist of new fiber optics cable with the following minimum specifications:  
     
   A.) OSP Singlemode fiber 24 strand  
   B.) ST to ST Connectors   
   C.) Core/Cladding at 8-9/125 microns   
   D.) Rack mountable Fiber enclosure with ST barrel connectors in Morgan. Fusion splice required at Jeter junction box. Outdoor rated splice case and tray required.  
     
   All hardware (“equipment”) must meet or exceed specifications provided here in. Vendors are required to clearly identify any deviations for the bid specifications. Quality, reliability and performance of equipment are essential to our applications. Qualified repair service, parts and technical support must be available.
4. **Installation, Training and Support:**  
     
   A.) The solution is to be configured installed and tested and made operational within 60 days of official bid award notification.  
   B.) Awarded company must provide system and services support (technical support desk, remote diagnostics, on-site technical visits).  
   C.) Awarded company must provide training and written documentation.
5. **Bid Submission:**  
   The Bidder should submit bids with unit prices reflected on all components. Professional services, hardware and other expenses should be listed separately. County reserves the right to purchase none, one or several of any items quoted based upon the bid proposal.  
     
   The Bidder must submit no less than (3) three references from current clients. The County reserves the right to use itself as a reference and to solicit references from clients other than those listed.

Please refer any questions regarding this fiber expansion project system to JBlair@ShelbyAL.com

1. **Evaluation Criteria:**  
   Evaluation will be based on the County and & UM’s sole judgment of the quality and features of the services and hardware offered, references, support capabilities of the firm and price.
2. **Maps:**

