



ALEDO ISD BOARD MEETING TEMPLATE

MEETING DATE: February 20, 2017

AGENDA ITEM: Consider Approval of Proposal for Fiber Optic Pathway Survey Project

PRESENTER: Earl Husfeld and Brooks Moore

ALIGNS TO BOARD GOAL(S): Financial/Facilities – The District shall exhibit excellence in financial and facility planning, management, and stewardship.

BACKGROUND INFORMATION:

- Per Board Policy CH (Local), any single, budgeted purchase of goods or services that costs \$50,000 or more, regardless of whether the goods or services are competitively purchased, shall require Board approval before a transaction may take place.

ADMINISTRATIVE CONSIDERATIONS:

- One of the items that was considered, but ultimately eliminated, for the 2015 Bond Program was a fiber optic pathway throughout the Aledo ISD to each of the District's facilities.
- At the time of these previous discussions, the potential cost of such a project was largely an "educated guesstimate" from the District's technology consultant assisting with the 2015 bond planning. In order to determine an accurate cost of such a potential project, the first step would be to have physical survey detail for the fiber optic pathway throughout the District.
- This survey would provide the detailed basis from which a formal bid would be issued for the potential project.
- After receipt of the responses, the District will evaluate them to determine the best option(s) for funding this potential project. Most likely possible funding options would be an e-rate application, 2015 bond program (Elementary School No. 5 portion only), future bond program, or some combination of the three.
- With the planned opening of Elementary School No. 5 in August, the District previously issued a purchase order to Furr and Associates, Inc. for Phase 1 of the pathway survey project to Elementary School No. 5.
- The proposal on the following page to extend the survey project to McCall Elementary, Vandagriff Elementary, Aledo Middle, McAnally Intermediate, and Stuard Elementary will allow the District to "piggy-back" the timing and efficiencies of Furr and Associates, Inc. already being in the District.
- Taking into consideration the prior purchase order to Furr and Associates Inc., this proposed purchase will put the District's total purchases from this vendor over the \$50,000 threshold stated in board policy.
- Therefore, in accordance with Board Policy CH (Local), the proposal itemized on the following page is presented for your review and consideration.

FISCAL NOTE:

Cost of \$46,481.12 will be paid from budgeted funds in General Fund 199.

ADMINISTRATIVE RECOMMENDATION:

The Administration recommends the Board of Trustees approve the proposal submitted by Furr and Associates, Inc. for the fiber optic pathway survey project as presented on the following page.



FURR AND ASSOCIATES, INC.

1040 BELTLINE DR, BROOKHAVEN, MS 39601
601-833-3877

February 6, 2017

Furr and Associates, Inc. (Hereafter FAI) shall perform and provide to the Aledo School District the following for a customer-owned fiber optic project:

Running line construction drawings indicating the location of the proposed fiber optic cable, survey station, size and type of innerduct, size of fiber optic cable and handhole/manhole.

Collection of Right of Way information, as provided by the State, County, and City agencies.

Collection of Utility information, as provided by each utility company.

Collection of field data using GPS equipment.

FAI shall show all above ground appurtenance in the vicinity of the proposed fiber optic cable route such as, but not limited to, gas valves, meters, markers, sewer and drain manholes, traffic control boxes, telephone and catv splice boxes and service boxes, water meters and valves.

Profiles of proposed road, highway, street, and interstate crossings as required by permitting agencies.

Coordinate with city, county, and state department of transportation agencies and identify drawing requirements for permit applications.

Running line route drawings and details shall be prepared on 11" x 17" sheets. Permit application drawings shall be pursuant to the government agency requirements.

Drawings will be prepared at horizontal and vertical scales of 1" = 20', 1" = 50', 1" = 100' or other scales that may be dictated by the government agency requirements

The scale of each drawing shall be clearly indicated. If more than one scale is used, the scale shall be clearly indicated on each individual view. For portions of the drawing not drawn to scale, "Not to Scale" shall be clearly and prominently displayed.

FAI shall furnish all CAD equipment and AutoCAD software.

Cable route selection has been selected by Mr. Jon Warren, an independent consultant for Aledo Independent School District, and was shown to Todd Furr of FAI.

FAI will not locate existing utilities nor show on construction drawings the depth of said utility.

All permit fees and professional fees will be paid by Aledo School District.

Service Proposal to Aledo School District

Price for services provided by FAI will be \$1.12/per ft for existing facilities

Estimated footage/cost for existing Aledo ISD facilities:

+/- 41,501ft x \$1.12 per ft = +/- \$46,481.12