

BOARD OF ALDERMEN

ITEM NO. C(4)

AGENDA ITEM ABSTRACT

MEETING DATE: November 22, 2011

TITLE: Authorization for the Interim Town Manager to Award a Contract for Bolin Creek Greenway Phase 1B Preliminary Engineering

DEPARTMENT: Planning	PUBLIC HEARING: YES ___ NO _X_
ATTACHMENTS: A. Resolution B. Map	FOR INFORMATION CONTACT: Jeff Brubaker – 918-7329 Randy Dodd – 918-7326 Wendell Rodgers – 918-7371

PURPOSE

The Board of Aldermen is asked to consider approval of a contract for preliminary engineering (PE) of Phase 1B of the Bolin Creek Greenway.

INFORMATION

On December 8, 2009, the Board of Aldermen adopted the Bolin Creek Greenway Conceptual Master Plan and resolved the following points, among others:

- 1) Receive this update and support the continued pursuit of greenway development.
- 2) Adopt the recommendation for Phase 1A and 1B (1B would not extend any further south than Jolly Branch), and Phase 2.
[...]
- 5) Direct staff to pursue a municipal agreement with NCDOT to release an RFP and contract with (a) firm(s) to develop construction documents and initiate environmental permitting for Phases 1 and 2 of the greenway trail;

On March 1, 2011, the Board approved a Municipal Agreement with NCDOT for design and construction of Phase 1B. The scope of the project as listed in the agreement is as follows:

The Project consists of detailed design, environmental, construction, and construction engineering of approximately 2100 linear-feet of a multi-use path from Bolin Creek just north of Homestead Rd. to the vicinity of Chapel Hill HS, including a crossing of Bolin Creek, approximately 200 feet south of Homestead Rd.

Per the requirements of federal (Brooks Act) and State law (NCGS Sec. 143-64.31), a request for qualifications (RFQ) process was implemented in Summer 2011. Kimley-Horn and Associates (KHA) was selected as the most qualified firm based on the RFQ evaluation criteria.

After project scoping meeting and subsequent communications between Town staff and KHA, a draft scope of services and fee estimate has been provided for PE services. The contract will allow KHA to proceed with necessary PE services – including:

- Surveying
- Geotechnical assessment
- FEMA hydraulic modeling
- Preliminary plans and cost estimate
- 60% plans
- Final plans, specifications, and cost estimate
- Opinion of probable construction cost
- Environmental permitting and NEPA documentation
- Traffic control plan during construction activities
- Landscaping plan
- Stormwater retrofit plan
- Erosion and sedimentation control plan
- Tree identification and protection plan
- Bridge and retaining wall design, including exploration of a “living wall” green design
- Community meetings and meetings with project stakeholders and approving agencies

The title given to the project in the NCDOT Municipal Agreement is the Homestead-Chapel Hill HS Multi-use Path (TIP# U-4726-DE). A copy of the Conceptual Master Plan is available at: <http://www.ci.carrboro.nc.us/AdvBoards/Greenways/ResourceInfo.htm>.

FISCAL AND STAFF IMPACT

The contract amount is \$130,485.22. The scope of services includes tasks that are necessary to comply with federal and State regulations (e.g. FEMA hydraulic analysis, NEPA documentation), ensure quality design (e.g. geotechnical analysis, landscaping plan), and protect and enhance water quality and environmental conditions as part of the project (e.g. stormwater retrofit plan, erosion and sedimentation control plan, NEPA documentation, living wall concept, tree identification and protection plan). It is the opinion of the staff that the fee estimate is fair and reasonable for the scope of services offered.

A Capital Projects Ordinance was approved by the Board of Aldermen on March 1, 2011. The ordinance approved \$590,000 in federal STP-DA funding and \$147,500 in local general obligation bond funds to be used for project preliminary engineering, environmental permitting, and construction costs, totaling \$737,500.

It is estimated that 400-500 staff hours will be necessary to manage the PE and construction phases of the project.

RECOMMENDATION

Staff recommend that the Board of Aldermen adopt the resolution in *Attachment A*.