



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: June 6, 2016

Re: Authorizing a Professional Engineering Services Agreement for Nifong Boulevard/Sinclair Road and Vawter School Road/Old Mill Creek Road Intersections Improvement Project

Executive Summary

Authorizing the City Manager to execute a professional engineering services agreement with Bartlett and West, Inc for Phase 1 design services related to the Nifong Boulevard/ Sinclair Road and the Vawter School Road/Old Mill Creek Road intersections improvement project (see attached location map). The agreement for Phase 1 design services is for a not to exceed amount of \$123,000.

Discussion

The Nifong Boulevard/Sinclair Road and Vawter School Road/Old Mill Creek Road intersections were identified for improvements in the 2015 Capital Improvement Program (CIP) ballot. Bartlett & West, Inc was chosen to provide design services for both intersections, to be completed in two separate phases. Phase 1 includes a comprehensive traffic study, topographic survey, and concept plans in order to determine the best improvement option (roundabout or signal) for each intersection. The Phase 1 agreement is for a not to exceed amount of \$123,000 and will be funded by the 0.25% Capital Improvement Sales Tax.

Phase 2 services will include the completion of preliminary plans, right of way plans, and final plans and specifications for construction, once the best improvement option for each intersection has been determined. An agreement for Phase 2 engineering services is anticipated for the spring of 2017, and estimated to cost \$250,000 to \$300,000.

Bartlett and West was selected as the design consultant for the project through a request for qualifications (RFQ) process, and will serve as the lead design consultant for both phases of the design. The engineering services agreement Disadvantaged Business Enterprise (DBE) goal of eight percent is being met by using Civil Design, Inc. as a sub-consultant to complete the topographic survey. The construction of the intersection improvements is anticipated for the summer of 2018.

Fiscal Impact

Short-Term Impact: The Engineering Services agreement with Bartlett & West for Phase 1 is for a not to exceed amount of \$123,000, and is funded by the 0.25% Capital Improvement Sales Tax. An agreement for Phase 2 is anticipated in the spring of 2017, and estimated to cost \$250,000 to \$300,000.



Long-Term Impact: Future costs will be determined once the improvement for each intersection has been established.

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Transportation, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Not applicable, Tertiary Impact: Not Applicable

Legislative History

Date	Action
09/21/2015	(Ord 22591) Re-imposing a sales tax of one-fourth of one percent for funding capital improvements.

Suggested Council Action

Authorize the City Manager to execute a professional engineering services agreement with Bartlett and West for Phase 1 design services related to the Nifong Boulevard/ Sinclair Road and the Vawter School Road/Old Mill Creek Road intersections improvement project.