



Meeting Date

June 7, 2022

New Business Item #1

Subject

Standard Agreement for Professional Engineering Services (SAPES)
8 Thru 16-inch South Benbrook Water Mains
BWA Project No. 2022-114

Recommendation

Staff recommends the Board of Directors approve the Standard Agreement for Professional Engineering Services for Project No. 2022-114 with Freese and Nichols, Inc. for a total not to exceed fee of \$403,029, as described below.

Background

Earlier this year, BWA acquired property necessary for the construction of a proposed 400,000-gallon elevated water storage tank in south Benbrook. As part of the Authority’s Water and Wastewater Master Plan, also updated earlier this year, various water mains ranging in size from 8 to 16 inches will need to be constructed to accommodate future growth and improve system reliability. These improvements include approximately 6,400 linear feet of 12-inch water main from the proposed tank to an existing 24-inch transmission main southeast of Winscott Road and Loop 820 (which will include a new 12-inch water main to cross Loop 820), as well as approximately 1,400 linear feet of 16-inch water main between Mont Del Elevated Tank and an existing 16” water main near Bellaire Drive and Loop 820. The preliminary opinion of probable construction cost is currently \$2,210,400. Funding was previously obtained through the Authority’s 2016 Bond issue.

BWA has negotiated a Standard Agreement for Professional Engineering Services (SAPES) with Freese and Nichols, Inc. for the project. The scope of work generally includes survey services, geotechnical engineering services and other professional engineering services associated with the design, bid and construction phases of the project. Preparation of easement documents will be required for this project and has also been incorporated into the scope of work.

Basic Services, including design and bid phase services, will be provided on an hourly basis, not to exceed \$154,142. Special Services, including survey, geotechnical engineering, minor environmental permit coordination, construction phase general and resident project representation services, will be provided for a not to exceed amount of \$248,887. The total not to exceed fee proposed for all services is \$403,029.

Financial Impact

Funding for this project is available from 2016 Bond Proceeds.