

CITY COUNCIL MEMORANDUM

AGENDA ITEM

Authorize the Award of a Professional Services Agreement with Freese and Nichols to Design the South Water Supply Project.

ORIGINATING DEPARTMENT

Public Works - Water and Sewer

BACKGROUND INFORMATION

Bell County Water Control and Improvements District (WCID) No. 1 is currently building a new water treatment plant at Stillhouse Hollow Lake and a large transmission main to deliver 10 million gallons per day (MGD) of treated water to the City of Killeen (City). This project has an estimated completion date of Spring, 2019. Bell County WCID No. 1's water transmission main will end near the intersection of Trimmier and Chaparral. The City needs to provide the infrastructure to deliver this water from that location to their current water distribution system. Bell County WCID No. 1 has requested that this infrastructure include an elevated ground storage tank into which they can pump. The 2012 Water and Wastewater Master Plan includes four projects in this area to store treated water from Bell County WCID No. 1, deliver the water to the lower and upper pressure planes, and pump the water into the upper pressure plane.

DISCUSSION/CONCLUSION

Freese and Nichols (F&N) has extensive experience with the design of water storage tanks, pump stations, and transmission mains. As the developer of the City's hydraulic computer model, they have significant knowledge of the water infrastructure needs in the southern area of the City. F&N has submitted a proposal to design the South Water Supply Project. Their proposal includes design, bid, and construction services for a 3 million gallon (MG) elevated ground storage tank, an 8 MGD pump station, approximately 32,100 linear feet of 20-inch and 30-inch pipeline, and associated appurtenances. After negotiating a fair and reasonable price for F&N's engineering service, staff recommends approval of their proposal to design the South Water Supply Project for a total amount of \$1,863,179.00.

FISCAL IMPACT

Funding for this project is available in the amount of \$1,863,179.00 through Account Number 386-3495-800.58-47 of the 2012 Water and Sewer Fund. After encumbering these funds, the remaining balance in this account will be zero.

RECOMMENDATION

Staff recommends that City Council authorize the City Manager to enter into an agreement with Freese and Nichols for a professional services agreement for the design and contract administration of the South Water Supply Project in the amount of \$1,863,179.00 and that the City Manager is expressly authorized to execute any and all changes within the amounts set by state and local law.