



Legislation Details (With Text)

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12/6/2021	1	Board of Commissioners		

TITLE:

FY21 Short Waterline Extension Project - Task Order 2017-17 Amendment #1

INFORMATION CONTACT:

John Shutak, Union County Water, Engineering Division Director, 704-283-3651

ACTION REQUESTED:

(i) Accept the scope of services for additional survey, geotechnical borings, subsurface utility locate work, design, and easement map preparation as shown in the attached Task Order 2017-17 Amendment #1 with WK Dickson & Co. Inc. in the amount of \$99,460.00, increasing the total contract amount to \$553,210.00, and (ii) authorize the County Manager to negotiate and execute an agreement consistent with this Agenda item.

BACKGROUND:

The Short Water Line Extensions Program, as adopted by the Board of County Commissioners, includes an allocation in fiscal year 2021 of \$5,000,000 to address the backlog of applications in the Short Line Extension Program. These funds have been allocated to fund the design, permitting, bidding, and construction of water main extensions throughout the County's system with this second year of backlog consisting of 18 separate water main extensions throughout the County's water distribution system with an estimated total length of 39,000 linear feet. On January 4, 2021, the Board of County Commissioners approved Task Order 2017-17 with WK Dickson & Co., Inc. in the amount of \$453,750.00 for the original scope of design services.

The work under Amendment #1 to Task Order 2017-17 will consist of additional surveying, geotechnical boring, subsurface utility locate work, design, and easement map preparation based on findings during the design phase of the project. The additional survey and design work are needed to include the Gary Drive and Paula Lane applicant in this project. The geotechnical borings are necessary to evaluate subsurface conditions along Old Fish Road where the water line crosses

Grassy Branch as this crossing will be installed by directional boring in order to avoid disturbance of the stream. The subsurface utility locate services are needed to identify the exact location and depth of three (3) natural gas transmission mains that the water line crosses at two locations. The fifty-five (55) additional easement maps are needed due to several of the projects being located along NCDOT roads that have maintenance only right-of-way from ditch to ditch, instead of dedicated right-of-way owned by NCDOT as was originally anticipated when developing the scope of work for this project. Due to NCDOT not owning the right-of-way, the additional easements along these roads are required.

The scope of services for the additional work in the attached Task Order 2017-17 Amendment #1 has been reviewed by UCW engineering staff and is appropriate for the project. These additional services are to be provided on a not-to-exceed basis in the amount of \$97,010.00 and a lump sum in the amount of \$2,450.00 for a total increase of \$99,460.00.

FINANCIAL IMPACT:

Funding is available within the adopted Short Water Line Extensions Program for the FY21 Short Water Line Extensions to support the additional survey, geotechnical borings, subsurface utility location, design, and easement map preparation services as shown in Task Order 2017-17 Amendment #1 in the amount of \$99,460.00, for an updated total contract amount of \$553,210.00.