




The City of Daytona Beach

Utilities Department

TO: James V. Chisholm, City Manager

FROM: John J. Drago, Business Enterprise Management Director 

DATE: August 22, 2017

SUBJECT: **Change Order No. 1 to Work Authorization No. 9 – Contract 6235-CH. - Bennett Swamp Aquifer Recharge Project**

REQUEST

Utilities Department requests the City Commission adopt a resolution approving Change Order No. 1 to Work Authorization No. 9 to Contract No. 6235-CH, with CH2M HILL Engineers Inc., 225 E Robinson Street, Suite 505, Orlando FL, 32801-4321 in an amount not to exceed \$54,560.56.

PURPOSE

The purpose of this request is to fund the cost for engineering services to obtain additional permits for Bennett Swamp Project.

CONSIDERATION

Work Authorization No. 9 was approved by Resolution 16-198 on July 20, 2016. This Work Authorization approved a scope of services to CH2M HILL for engineering services for Bennett Swamp. The scope of services in the amount of \$561,017.62 included a feasibility study, permitting, design, bidding and construction phase services. CH2M HILL budgeted sufficient funds to obtain all known relevant permits, however the Florida Department of Environmental Protection (FDEP) required a major modification to the Westside Regional Wastewater Treatment Plant's National Pollutant Discharge Elimination System (NPDES) permit. The FDEP insisted on a major modification because they determined that the reuse discharge to be a secondary outfall. This resulted in the permit having to be issued at the national level by the Environmental Protection Agency (EPA) rather than at the state level by the (FDEP).

The City Commission adopted Resolution 17-71 on March 15, 2017 approving an amended Easement No. 31790 which included a flowage easement with St. Johns River Water Management District and the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida relating to the Bennett Swamp Project to provide for an addition of a northern leg to the reuse water distribution system, and to extend the term of the easement from 2059 to 2067 to foster the restoration of Bennett Swamp hydro period to its historical condition and function.

After the adoption of Resolution 17-71 the city was required to obtain approval of the flowage easement from St. Johns River Water Management District and the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida. The city received the final executed flowage easement on May 18, 2017.

Upon receiving final approval of the flowage easement the city provided two legal advertisements for public comment on the issuance of the NPDES major modification for the Westside Regional Wastewater Plant to permit a secondary outfall as required by FDEP/EPA. One comment period was for 30 days and the other comment period was for 15 days. No public comments were received and the FDEP issued the NPDES major modification permit on June 28, 2017 with no comment from EPA.

CH2M HILL was able to assist the city to obtain the required NPDES permit and flowage easement while maintaining the compressed timeframe to bid, start construction and complete the Bennett Swamp Project by March 31, 2018.

FUNDING

Funds are available in the Renewal & Replacement – 8%, Account No. 428-610000-536-565000-611712.

RECOMMENDATION

Utilities Department requests the City Commission adopt a resolution approving Change Order No. 1 to Work Authorization No. 9 to Contract No. 6235-CH, with CH2M HILL Engineers Inc., 225 E Robinson Street, Suite 505, Orlando FL, 32801-4321 in an amount not to exceed \$54,560.56.

ANTICIPATED SCHEDULE

Commission Approval September 2017

ATTACHMENTS

- Agenda Summary
- CO No.1 to WA No. 9
- Sufficiency of Funds
- Power Point
- Resolution 16-198 – WA No. 9
- Resolution 17-71- Amended Easement 31790
- Public Notices