



MEMORANDUM

TO: Ms. Geri Sams, Director - Procurement

FROM: Hameed Malik, Ph.D., PE, Director- Engineering & Environmental Services

DATE: Monday, August 26, 2024

SUBJECT: Construction Services for Lake Dredging – Turknett Spring Sediment Basin
Lake Dredging Contract Supplement Work
Regulatory Permit Compliance
RFP 20-224
File Reference: 24-014(A)

Augusta Engineering (AE) is seeking to supplement Turknett Spring Sediment Basin sediments dredging to the in-progress Lake sediments dredging and disposal contract (RFP20-224) to keep the basin in compliance with its regulatory flow discharge permit. Following paragraphs state reasoning for extending contract and proceed with Turknett Spring Sediment Basin sediments removal.

Removal of sediments from Turknett Spring sediment basin is regulatory compliance requirement. Turknett Spring Sediment Basin receives filter backwash discharge, containing solids, from Augusta Highland Water Treatment facility. This discharge is permitted/regulated under state NPDES General Permit. Solids settle at Turknett Spring by gravity. This process requires incoming discharge extended retention time in the basin. Presently the Basin is filled with sediments and its storage capacity is near full. The basin is not providing needed retention time for sediments to settle, that is creating discharge permit compliance issue. Hence, it is likely current state of the basin will yield non-compliance status soon. It is AE determination that supplementing Turknett Spring Sediment Basin dredging to dredging work in-progress is cost effective and timely option, and Gator Dredging is the only contractor previously submitting proposals for such specialized work (20-244). AE estimated that such action will yield cost saving of approximately one (1) million dollars. Cost saving comes from contractor's site-specific operation setup and low dredging cost due to the Gator's recent local experience dredging comparable waterbodies such as Hiers Ponds and Lake Aumond.

Gator Dredging is under contract providing waterbody dredging services to AE. AE is seeking to supplement Turknett Spring sediment basin dredging to the in-progress sediments dredging and disposal contract so the basin sediments holding capacity can be regained in a timely manner.

Thank you.

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cc: Darrell White & Nancy Williams, Procurement Department
June Hamal, AED Construction Manager and Program Delivery Lead
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