File #: 15-15916, **Version:** 1

McAlpine Creek Wastewater Treatment Plant Nutrient Harvesting Design

Action:
Approve a contract in the amount of $2,098,500 with MEB General Contractors, Inc. for Design-Build design services for the McAlpine Creek Wastewater Treatment Plant Nutrient Harvesting project.

Staff Resource(s):
Angela Charles, Charlotte Water
David Czerr, Charlotte Water
Carl Wilson, Charlotte Water

Explanation
- The Nutrient Harvesting project will enhance existing treatment processes at the McAlpine Creek Wastewater Treatment Plant in the Town of Pineville (adjacent to Council District 7) by recovering phosphorus from the wastewater treatment process.
- This contract includes design services and development of a guaranteed maximum price (GMP) for construction.
- On March 2, 2021, the City issued a Request for Qualifications (RFQ); four responses were received.
- MEB General Contractors, Inc. is the best qualified firm to meet the City's needs on the basis of demonstrated competence and qualifications of professional services in response to the RFQ requirements.
- City Council will receive a future request for the approval of the GMP once it is established.

Charlotte Business INClusion
The City negotiates participation for Design-Build contracts after the firm is selected and scopes of work are defined for design and construction services (Part G: Section 2.7 of the Charlotte Business INClusion Policy). MEB General Contractors, Inc. has committed $283,545 or approximately 13.51% of the total contract for Design-Build design services to the following certified firms:
- Southeastern Consulting Engineers, Inc. (SBE) ($217,000) (electrical engineering services)
- AME Consulting Engineers, PC (SBE) ($58,300) (hvac, plumbing, and fire protection engineering design services)
- Froehling & Robertson Inc. (MBE) ($8,245) (geotechnical investigation and design support)

Fiscal Note
Funding: Charlotte Water Capital Investment Plan