File #: 21-0834, **Version:** 1

Joint resolution authorizing an agreement with RHMG Engineers, Inc., Mundelein, Illinois in the amount of $214,028 to provide preliminary and final engineering services for a new 1.25-million-gallon water tower in the Wildwood Water System.

- The Wildwood Water System serves a population of approximately 14,000 in unincorporated areas including Third Lake, Mariners Cove, Arbor Vista, CLC and various retail/commercial establishments in the vicinity. The System receives Lake Michigan water from the Central Lake County Joint Action Water Agency (CLCJAWA) at two delivery stations and the system requires additional storage capacity to protect users in the event of increased water demand or emergency circumstances.
- In 2019, Lake County Public Works sought engineering services for water facilities analysis, design, and construction oversight through a full Statement of Interest (SOI) competitive process. The selected firm for water facilities analysis, design and construction oversight was RHMG Engineers, Inc.
- Under the aforementioned contract, RHMG Engineers, Inc. recently completed a study to determine the required system storage and analyzed several locations for the construction of a new water tower since the existing John Mogg Tower Site is not large enough to accommodate a new water tower. The recommended location for a new water tower is a property owned by Lake County located on the south side of Gages Lake Road at Dady Court.
- This agreement is a continuation of the study and provides for preliminary and final engineering design services for the new 1.25 million-gallon water tower in the Wildwood Water System.

R E S O L U T I O N

WHEREAS, the County of Lake owns, operates and maintains several water systems throughout the County including the Wildwood Water System; and

WHEREAS, the Wildwood Water System serves residents of unincorporated Wildwood and surrounding areas, serving a total population of 14,000 people; and

WHEREAS, the Wildwood Water System receives Lake Michigan Water from the Central Lake County Joint Action Water Agency (CLCJAWA); and

WHEREAS, the Wildwood Water System requires additional storage capacity to protect system users in the event of increased water demand or emergency circumstances; and

WHEREAS, RHMG Engineers, Inc., recently completed a study to determine the required system storage and analyzed several locations for the construction of a new water tower for

the Wildwood Water System; and

WHEREAS, this Agreement for preliminary and final engineering design services for the new 1.25-million-gallon water tower in the Wildwood Water System is a continuation of the consultant's initial analysis and will allow for preliminary and final design of the recommended improvements; and

WHEREAS, an Agreement has been negotiated with RHMG Engineers, Inc. to provide the necessary professional engineering design services for the new Wildwood Water Tower project; and

WHEREAS, these services are in accordance with Lake County Purchasing Ordinance Article 5-101(3) and the Local Government Professional Services Selection Act (50 ILCS 510/1 et seq); and

WHEREAS, execution of an Agreement for Professional Services must be authorized by Resolution of this County Board.

NOW, THEREFORE, BE IT RESOLVED, by this County Board of Lake County, Illinois, that the Purchasing Agent is hereby authorized and directed to execute the Agreement for Professional Services with RHMG Engineers, Inc. in the amount of $214,028 for professional engineering design services associated with a new Wildwood Water System Water Tower.

DATED at WAUKEGAN, LAKE COUNTY, ILLINOIS, on this 8th day of June, A.D., 2021.