Lake County Illinois

Legislation Details (With Text)

File #:	21-0547	**Version:**	1	**Name:**	Joint resolution authorizing Modification Number One for Professional Services Agreement #20146 with RHMG Engineers, Inc. of Mundelein, Illinois to provide preliminary and final engineering services for the Des Plaines River Water Reclamation Facility Bar
Type:	resolution			**Status:**	Passed
File created:	3/28/2021			**In control:**	Public Works, Planning & Transportation Committee
On agenda:				**Final action:**	4/13/2021

Title: Joint resolution authorizing Modification Number One for Professional Services Agreement Number 20146 with RHMG Engineers, Inc., Mundelein, Illinois, to provide preliminary and final engineering services for the Des Plaines River Water Reclamation Facility Bar Screen Replacement Project and final engineering services New Century Town Water Reclamation Facility Bar Screen Replacement Project.

Sponsors:

Indexes:

Code sections:

Attachments: 1. 21-0547 DPR and NCT WRF Bar Screen Replacement Project Agreement, 2. 21-0547 DPR and NCT WRF Bar Screen Replacement Project Award Infomation, 3. 21-0547 DPR and NCT WRF Bar Screen Replacement Project DPR Assessment Proposal, 4. 21-0547 DPR and NCT WRF Bar Screen Replacement Project DPR Site Location Map, 5. 21-0547 DPR and NCT WRF Bar Screen Replacement Project Modification #1, 6. 21-0547 DPR and NCT WRF Bar Screen Replacement Project NCT Site Location Map, 7. 21-0547 DPR and NCT WRF Bar Screen Replacement Project RHMG Proposal, 8. 21-0547 DPR and NCT WRF Bar Screen Replacement Project Vendor Disclosure Statement

Date	Ver.	Action By	Action	Result
4/13/2021	1	Lake County Board	adopted	Pass
4/8/2021	1	Financial & Administrative Committee	recommended for adoption to the consent agenda	Pass
4/7/2021	1	Public Works, Planning & Transportation Committee	approved and referred on to the Financial and Administrative Committee	Pass

Joint resolution authorizing Modification Number One for Professional Services Agreement Number 20146 with RHMG Engineers, Inc., Mundelein, Illinois, to provide preliminary and final engineering services for the Des Plaines River Water Reclamation Facility Bar Screen Replacement Project and final engineering services New Century Town Water Reclamation Facility Bar Screen Replacement Project.

- The Des Plaines River (DPR) and New Century Town (NCT) Water Reclamation Facilities (WRF) utilize metal bar screens to capture and remove debris from the sewage flow prior to the treatment process. The bar screens at NCT have reached the end of their useful life and need to be replaced.
- A recent inspection at DPR revealed severe deterioration of one of the bar screens and the need for replacement. This project will include the replacement of two bar screens at NCT and one bar screen at DPR.

powered by Legistar™

- In January 2021 Lake County Public Works authorized a contract with RHMG Engineers, Inc. for the preliminary engineering services for the NCT Bar Screen Replacement in the amount of $49,110 and a subsequent agreement for $4,950 for DPR Bar Screen Assessment. The initial agreement for preliminary engineering services was intended to be amended to include final engineering services which is consistent with the County's experience in multi-phase professional contracts.
- This contract modification will provide preliminary and final engineering design services for DPR and final engineering design services for the NCT. The additional scope authorizes RHMG Engineers, Inc. to design and prepare final engineering plans and specifications for process mechanical, structural, electrical and control items and to assist in the bidding process.
- Contract Modification Number One increases the amount of Engineering Design Services contract by $200,428 from $54,060 to $254,488.
- In accordance with Article 8, Section 101 (1) of the Lake County Purchasing Ordinance it is hereby requested that the Purchasing Agent be authorized to enter into Contract Modification Number One.

R E S O L U T I O N

WHEREAS, the County of Lake (County) owns, operates and maintains three Water Reclamation Facilities (WRF) throughout the County including the Des Plaines River WRF and the New Century Town WRF; and

WHEREAS, the Des Plaines River (DPR) WRF and New Century Town (NCT) WRF treat a combined 25 million gallons of wastewater per day; and

WHEREAS, bar screens are critical in the performance of the treatment process by capturing and removing debris from the sewage prior to treatment and protecting the downstream equipment; and

WHEREAS, the bar screens at NCT have reached the end of their useful life and need to be replaced; and

WHEREAS, a recent inspection revealed deterioration of a bar screen at DPR and the need for replacement; and

WHEREAS, the best approach for the project was determined to be a multi-phase agreement to allow for the engineering consultant to be responsible for preliminary and final engineering services; and

WHEREAS, RHMG Engineers, Inc. has provided a proposal to provide preliminary and final engineering services for DPR bar screen replacement and the final engineering services for the NCT Bar Screen Replacement Project; and

WHEREAS, Contract Modification Number One increases the amount of Engineering Design Services by $200,428 from $54,060 for a total of $254,488; and

NOW, THEREFORE, BE IT RESOLVED, by this County Board of Lake County, Illinois, that the Purchasing Agent is hereby authorized to enter into Contract Modification One with RHMG Engineers, Inc. in the amount of $200,428 for engineering services for the New Century Town and Des Plaines River WRF Bar Screen Replacement Project.

DATED at Waukegan, Lake County, Illinois on this 13th day of April, A.D., 2021.