



Legislation Details (With Text)

File #: 20-3972 **Name:** AUTHORIZATION TO 1) EXECUTE A GUARANTEED MAXIMUM PRICE (GMP) AMENDMENT FOR THE WATER TREATMENT PLANT (WTP) NANOFILTRATION TRAIN NO. 8 EXPANSION PROJECT; AND 2) AWARD A TASK ORDER TO PROVIDE CONSTRUCTION PHASE ENGINEERING SERVICES

Type: Purchasing/Contract **In control:** Village Council

On agenda: 11/9/2021 **Final action:**

Title: AUTHORIZATION TO 1) EXECUTE A GUARANTEED MAXIMUM PRICE (GMP) AMENDMENT FOR THE WATER TREATMENT PLANT (WTP) NANOFILTRATION TRAIN NO. 8 EXPANSION PROJECT; AND 2) AWARD A TASK ORDER TO PROVIDE CONSTRUCTION PHASE ENGINEERING SERVICES

Code sections:

Attachments: 1. 1. Kimley-Horn Proposal, 2. 2. GMP - WTP Train 8 Expansion

Date	Ver.	Action By	Action	Result
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ITEM: AUTHORIZATION TO 1) EXECUTE A GUARANTEED MAXIMUM PRICE (GMP) AMENDMENT FOR THE WATER TREATMENT PLANT (WTP) NANOFILTRATION TRAIN NO. 8 EXPANSION PROJECT; AND 2) AWARD A TASK ORDER TO PROVIDE CONSTRUCTION PHASE ENGINEERING SERVICES

REQUEST: Authorization to 1) execute a Guaranteed Maximum Price (GMP) Amendment to Wharton-Smith, Inc. for the Water Treatment Plant (WTP) Nanofiltration Train No. 8 Expansion Project at a cost of \$2,126,537.00; 2) award a task order to Kimley-Horn and Associates, Inc. to provide construction phase engineering services, for the project, at a cost of \$110,221.00.

EXPLANATION: The Utility operates three (3) separate water treatment plants that can provide up to 12.3 MGD of potable water to its customers both within and outside of the Village boundaries. Two types of water treatment technologies are utilized, nanofiltration membrane treatment (7.6 MGD) and conventional lime softening (4.7 MGD). The Utility has developed a Five (5) Year Strategic Plan which includes transitioning away from lime softening to 100 percent nanofiltration membrane treatment. Membrane treatment is the best available technology and will address contaminants of emerging concern and upcoming enhanced regulations. The Utility has developed an incremental approach to expanding the membrane plants which consists of Phases I-V. Phase I, which was completed last year, included the installation of membrane Train 7 under the Water Plant Renewal and Replacement Project. This GMP incorporates Phase II of the Plan, which includes construction of Membrane Train 8 in Membrane Plant 2 including process equipment, electrical and control components. Upon completion, the membrane plants combined will be able to produce 9.4 MGD. The project is anticipated to be complete within 443 calendar days.

Wharton Smith and their proposed Team are well qualified to perform this work. This project is funded in the approved Utility Capital Improvement Plan. Kimley Horn is the design Engineer of Record and will assist the Village on an as needed basis during construction.

Staff recommends 1) executing a Guaranteed Maximum Price (GMP) Amendment to Wharton-Smith, Inc. for the Water Treatment Plant (WTP) Nanofiltration Train No. 8 Expansion Project at a cost of \$2,126,537.00; 2) awarding a task order to Kimley-Horn and Associates, Inc. to provide construction phase engineering services, for the project, at a cost of \$110,221.00.

BUDGET AMENDMENT REQUIRED: NO

PUBLIC HEARING: NO **QUASI-JUDICIAL:**

FIRST READING: **SECOND READING:**

LEGAL SUFFICIENCY: YES

FISCAL IMPACT: Funds for the GMP and the Engineering Work Order are available in the approved Utility Capital Improvement Budget under CUT 20008.

WELLINGTON FUNDAMENTAL: Responsive Government

RECOMMENDATION: Authorization to 1) execute a Guaranteed Maximum Price (GMP) Amendment to Wharton-Smith, Inc. for the Water Treatment Plant (WTP) Nanofiltration Train No. 8 Expansion Project at a cost of \$2,126,537.00; 2) award a task order to Kimley-Horn and Associates, Inc. to provide construction phase engineering services, for the project, at a cost of \$110,221.00.