

Agenda Item: 2.c

Meeting Date: July 23, 2024

MEMORANDUM

To: City Commission

Date: 2024-07-15

From: Janice Bennett

Subject: Award of a GEC Service Authorization Task Assignment to WSP USA, Inc., (WSP) for the Water Production Well Facilities Project, in the amount of \$341,306.55.

Presenter(s): Alejandro Gonzalez, P.E., Engineer II - Utilities / Engineering Division

Recommend: Staff recommends approval of a General Engineering Consultant (GEC) Service Authorization for the Hydrogeological and Environmental Engineering Services of the Water Production Well Facilities Project to WSP USA, Inc., of Tampa, FL, in the total amount of \$341,306.55; and to designate Jorge M. Quintas, P.E., Deputy City Manager, as the City's authorized designee to execute the Service Authorization.

Epic Goal(s): Goal #4 - Be the statewide model for environmental sustainability stewardship.

Boards & Committees: N / A

Budget Impact: Funds for this project are budgeted in the Water / Wastewater Utility Fund, under Acct. #441-5165-533-056301-WU, Project #511801.

Past Action: None

Next Action: Commence design following issuance of a Service Authorization and Purchase Order, subject to Commission approval of award recommendation.

Attachments: [A. Purchasing Agent Memo.pdf](#), [B. WSP Scope of Services - Water Production](#)

Background:

The City operates and maintains a well field to supply “raw” (untreated ground) water to the Reverse Osmosis Water Treatment Plant (ROWTP) for the production of potable (drinking) water. The well field includes 29 existing production wells that are located throughout the City. The City’s Water Use Permit (WUP) issued by the Southwest Florida Water Management District (SWFWMD) in 2017 also identified the need for four (4) additional wells to be developed in the well field over the twenty-year term of the permit.

The purpose for the additional wells is two-fold, first to increase supply for additional water demand over time, and second to provide operational flexibility and rotational capacity to ensure the well field is sustainable. The addition of wells will require planning and hydrogeologic modeling of the proposed wells to evaluate the effect of the new wells on the entire well field, as well as other permitted water users in the area.

Staff solicited a scope of services and fee from WSP, one of the City’s General Engineering Consultants (GEC) for Division 4 - "Hydrogeological & Environmental Engineering Services". The City entered into the GEC agreement with WSP on May 16, 2023, under RFQ 23-1221. The scope of services is to evaluate currently permitted sites for a new production well, evaluate new potential well sites on all City-owned properties, design & permit a new production well and administer engineering construction services for the well installation, above-ground appurtenances, and new raw water main. Attached is the scope and fee to perform these professional services in the amount of \$341,306.55.

Staff hereby recommends the award of hydrogeological and environmental engineering design and construction services of the Water Production Wells Evaluation and New Well Installation Project to WSP USA, Inc., of Tampa, FL, in the amount of \$341,306.55, as detailed herein.