



MEMORANDUM

City of Venice

Utilities Department

TO: Ed Lavalley, ICMA-CM, MPA, City Manager

THROUGH: Javier A. Vargas, MPA, Utilities Director

FROM: John Banks, PE, Utilities Project Manager

DATE: September 6, 2019

COUNCIL APPROVAL: Yes

MEETING DATE: September 24, 2019

STRATEGIC PLAN GOAL: Upgrade and Maintain City Infrastructure and Facilities

SUBJECT: Agreement for Consultant Services for Water Production Well 8E and Rehabilitation of Wells RO-5E and RO-1A

Background: The City owns and operates a potable water wellfield to supply raw water to the reverse osmosis water treatment plant (WTP). There are a total of 14 wells in the current system. As the wells are used, the production capacity decreases so the wells are rotated about every week. Over time wells must be taken off-line for extensive rehabilitation to recover the original production capacity. Approximately half the wells are in service at any given time depending on the water demands. As part of the City's permit to withdraw water from the aquifer, one additional well is permitted but not yet constructed, well RO-8E. This Agreement for Professional Services will provide for the design, construction permitting and construction oversight of a new production well, RO-8E, to be located near the north end of Pinebrook Road, the associated raw water transmission pipeline (2,800 LF of 16-inch Pipeline) to connect the new well to the existing transmission system, and rehabilitation activities for two older wells, RO-5E and RO-1A. The total estimated cost for these professional engineering and hydrogeological services are not to exceed \$592,071.00.

This Project was included in the Large Projects Request for Qualifications that was issued earlier this year and Stantec was selected for this project. The anticipated construction costs for the new well, the associate water transmission pipeline and the rehabilitation of the two older wells is approximately \$2,000,000.00.

Benefits: The construction of this well and rehabilitation of two older wells will allow greater

redundancy, reliability and operational flexibility in meeting the future water demands of the City. This project will benefit all citizens of the City by providing a reliable, high quality potable water in a cost effective manner.

Requested Action: Approval of Agreement for Consultat Services with Stantec to provide consulting services to design, permit and oversee the construction of well RO_8E, 2,800 LF of 16-inch pipeline and the rehabilitation of wells RO-5E and RO-1A for the estimated price not to exceed \$592,071.00.

If for an agenda item, this document and any associated backup created by City of Venice staff has been reviewed for ADA compliance: Yes

City Attorney Review/Approved: Yes

Risk Management Review: Yes

Finance Department Review/Approved: Yes

Funds Availability (account number): 421-1203-533.64-00

ORIGINAL(S) ATTACHED: Agreement for Consulting Services

Cc: Peter Boers, Procurement Manager; Jim Anderson, WTP Operations Supervisor