



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Public Works
Department No.: 054
For Agenda of: September 13, 2022
Placement: Administrative
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Directors, Santa Barbara County Water Agency

FROM: Department Director(s) Scott D. McGolpin, P.E., Director, (805) 568-3010

Contact Info: Walter Rubalcava, P.E., Deputy Director, (805) 568-3436
Leslie Wells, Deputy Director, (805) 882-3605

SUBJECT: Professional Services Agreement with Carollo Engineers, Inc. for Indirect Potable Reuse Study – Fourth and Fifth Supervisorial Districts

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Directors:

- a) Approve and authorize the Chair to execute a professional services agreement with Carollo Engineers, Inc. in the amount of \$159,499; and,
- b) Authorize the expenditure of these funds from the Santa Barbara County Water Agency; and,
- c) Find that the proposed action does not constitute a “Project” within the meaning of the California Environmental Quality Act, pursuant to 14 CCR 15378 (b)(5), in that it is a government administrative activity that will not result in direct or indirect changes in the environment.

Summary Text:

This item is on the agenda in order to consider approval of a professional services agreement between the Santa Barbara County Water Agency and Carollo Engineers, Inc. (not a local vendor) to evaluate the feasibility of implementing an indirect potable reuse project for the Laguna County Sanitation District and explore funding opportunities. This project is intended to establish an alternative potable water supply not currently available in the Santa Maria Valley. The attached scope of work details tasks at a cost of \$159,499.

Background:

The Santa Barbara County Water Agency was formed in 1945 to make water available for irrigation, domestic, fire protection, municipal, commercial, industrial, and other uses to promote the present and future beneficial uses of land for the inhabitants of Santa Barbara County. To this end, it collects and gathers data and information, coordinates with other water related agencies, develops or supports basin management plans, and evaluates conservation, efficiency, and supply alternatives. It further prepares investigations, studies, and reports on these issues and provides technical assistance to other County departments, special districts, and the public concerning water availability.

The Laguna County Sanitation District was formed in 1958 to provide wastewater services to the Orcutt and southern Santa Maria area. The reclamation plant produces disinfected tertiary recycled water with advanced treatment (reverse osmosis) to a portion of the flow containing water softener discharge to reduce dissolved solids (salt). To date, water has been recycled for beneficial uses such as agricultural and landscape irrigation. While water recycling offsets groundwater demand, it does not provide a potable supply. In recent years the State Water Resources Control Board has evaluated treatment criteria that defines indirect potable reuse (IPR) that does augment the potable water supply. Locally, this is being studied by neighboring communities such as Carpinteria and Pismo Beach. Such an augmentation would be extremely beneficial to the Santa Maria Valley, which depends primarily on ground water and State Water Project water for its supply of potable water.

Although a statutorily authorized power, the supply of potable water is not currently exercised by the Laguna County Sanitation District and sewer service revenue cannot be used to evaluate potable supply alternatives. Therefore, this action recommends that the Santa Barbara County Water Agency enter into a professional services agreement with Carollo Engineers, Inc. to assess the feasibility of improving treatment processes and facilities at the Laguna County Sanitation District wastewater reclamation plant in order to create a new supply of potable water for the Orcutt area. This study would analyze specific plant improvements, recommend how the recharge system could be constructed, and evaluate funding opportunities. In concept, these improvements would include reverse osmosis to the remainder of the flow and a secondary means of disinfection such as advanced oxidation to produce purified water. Various means of achieving IPR would be studied such as surface water augmentation, recharge beds, and recharge wells, in which the purified water would become an indirect supply for further treatment and distribution by a water purveyor. Carollo Engineers, Inc. is on the Public Works Department qualified engineering services list and has competence and professional qualifications in this field. Staff therefore recommends retaining Carollo Engineer's, Inc. to perform this study.

Performance Measure:

The study will help assess potential improvements to long term potable water supply in the Santa Maria Valley.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State			
Federal			
Fees			
Water Agency reserve			\$ 159,499.00
Total	\$ -	\$ -	\$ 159,499.00

Santa Barbara County Water Agency reserves for this amount will be used to fund the study as a one-time expense. Funds are budgeted in Department 054, Fund 3050.

Key Contract Risks: This contract has a risk assessment of standard.

Special Instructions:

Retain one (1) original agreement for Clerk of the Board records and return the other two (2) original agreements to:

- Santa Barbara County Water Agency, attention Matt Young
- Laguna County Sanitation District, attention Martin Wilder.

Attachments:

Attachment A: Original agreement, three copies

Authored by:

Martin Wilder, P.E., Laguna County Sanitation District Manager (805) 803-8750

Copy:

Matt Young, Santa Barbara County Water Agency Manager