

Western Regional Water Commission

STAFF REPORT

DATE: March 12, 2020

TO: Chair and Members, Western Regional Water Commission (“WRWC”)

FROM: Jim Smitherman, WRWC Water Resources Program Manager

SUBJECT: Discussion, and possible approval of a scope of work and funding, not to exceed \$40,000 from the Regional Water Management Fund (“RWMF”), for an Independent Expert Panel to review certain aspects of the OneWater Nevada advanced purified water demonstration projects and to participate in a workshop with the OneWater Nevada Project Team, and if approved, authorize the Chair to execute a contract with Carollo Engineers for that purpose.

SUMMARY

The OneWater Nevada Team (the “Team”) has expressed an immediate need for an Independent Expert Panel (“IEP”) review of reports and plans necessary for the completion of the advanced purified water demonstration project, and for a meeting with the IEP.

An IEP of nationally recognized scholars and experts was convened by the Team initially in 2015 to discuss with local government representatives and State regulators the current state of advanced purified water treatment technology, and the Team’s needs for the development of a local pilot study. An IEP review was also crucial during the development the 2016 State reclaimed water regulations which resulted in standards for category A+ reclaimed water.

Tasks in the attached, proposed scope of work include the review of data results, monitoring and sampling plans, a quality assurance plan and a draft engineering report. Also included are the coordination and logistics for an IEP meeting to include the Team and State and local regulators.

PREVIOUS ACTION

None

FISCAL IMPACT

If approved, the fiscal impact to the RWMF will not exceed \$40,000 for Fiscal Years 2019-2020 and 2020-2021. The Fiscal Year 2019-2020 budget approved by the WRWC, includes \$30,000 for this project. The Fiscal Year 2020-2021 tentative budget recommended by the NNWPC includes adequate budget for the remainder of the project.

Budget authority is located in Fund Group 766, Fund 7066, Account Number 710100, Professional Services, Cost Object WP310201.

RECOMMENDATION

Staff recommends that the WRWC approve the scope of work and funding, in an amount not to exceed \$40,000 from the RWMF, to retain Carollo Engineers for coordination and administration of the IEP review and authorize the Chair to execute a contract with Carollo Engineers for that purpose.

POSSIBLE MOTION

“Move to approve the scope of work and funding, in an amount not to exceed \$40,000 from the RWMF, to retain Carollo Engineers for coordination and administration of the IEP review and authorize the Chair to execute a contract with Carollo Engineers for that purpose.”

JS:jp

Attachment

Draft Scope of Work

**Western Regional Water Commission
Northern Nevada Water Planning Commission**

**Northern Nevada Category A+ Reclaimed Water Feasibility Study (“OneWater Nevada”)
Demonstration Projects**

Independent Expert Panel Review

February 18, 2020

GENERAL

This Scope of Work describes services to be provided by Carollo Engineers for the Western Regional Water Commission (“WRWC”). The purpose of this Project is to manage and administer an Independent Expert Panel (IEP) and the IEP’s review of aspects of the OneWater Nevada demonstration projects and participate in a workshop with the OneWater Nevada Project Team (the “Team”) consisting of representatives of the project sponsors.

TASK 1 – PANEL FACILITATION

Under this Task, Carollo will facilitate and coordinate the panel members, and will coordinate with the WRWC Contract Administrator and a designated person from the Team on the IEP Review (see Task 2) and review schedule, and generally with the Team on the Project as needed.

The proposed IEP members are provided in the table below.

Name	Affiliation	Role
Jeff Mosher	Carollo Engineers, Inc.	IEP Facilitation
Robert H. Hultquist, P.E.	Retired, California Department of Public Health	Former regulator, water reuse criteria, drinking water
Andy Salveson, PE	Carollo Engineers, Inc.	Water reuse; treatment technology evaluation; water quality; pilot and demonstration facilities; potable reuse regulations; and test plans.
Keel Robinson	Trussell Technologies, Inc.	Water reuse; treatment technology evaluation; pilot and demonstration facilities; and test plans.
Andy Campbell, P.G., CHG	Inland Empire Utilities Agency	Water reuse; groundwater recharge
Mark Millan	Data Instincts	Communications and outreach

TASK 2 – IEP REVIEW

Under this task, Carollo will manage and administer the review by the IEP. The task will consist of a general review of the OneWater Nevada projects to demonstrate use of Class A+ reclaimed water for groundwater recharge under direction from WRWC and the Team. In addition and under the same direction, the IEP will conduct a review and provide comments on the following materials and documents:

- Demonstration project initial data results,
- Demonstration project Monitoring and Sampling Plans,
- Demonstration project Quality Assurance (QA) Plan, and
- Demonstration project Draft Engineering Report.

The Team may contact, by conference call or other methods, one (or more) of the IEP members to consult on subjects specific to the individual member’s expertise. The overall goal of the IEP review is to assist the Team in framing and validating approaches for project implementation.

TASK 3 – IEP MEETING

Under this task, Carollo, in collaboration with the Team, will coordinate attendance and logistics for the IEP at a meeting to include the Team and regulators. The Team may provide pre-meeting materials in advance of the meeting for review by the IEP. Specifically, Carollo will conduct the following:

- Coordinating schedules to establish a meeting date,
- Work with WRWC to secure a location for the meeting,
- Develop the meeting invitees, meeting agenda, and agenda items,
- Arrange transportation, lodging at a hotel and meals as necessary for members of the IEP.

Carollo will coordinate and make payment arrangement for all IEP members’ travel and hotel needs, which expenses will be reimbursable through this agreement.

In addition to the IEP and the Team, other participants in the meeting would be representatives from the Nevada Division of Environmental Protection and the Washoe County Health District.

SCHEDULE

The anticipated schedule for this project is presented in the table below.

Item	Completion	Notes
IEP review of initial project data results	Within 2 weeks of receiving initial data results	Review information provided by the Contract Administrator or the Team designee
IEP review of constituent sampling and monitoring plan	Within 3 weeks of delivery of review document(s)	Review of the demonstration project sampling and monitoring plans and other materials provided

		by the Contract Administrator or the Team designee
IEP review of QA Plan	Within 2 weeks of receiving draft QA Plan	Review QA Plan provided by the Contract Administrator or the Team designee
Review Draft IEP Report	Within 3 weeks receiving draft report	Review draft IEP report provided by the Contract Administrator or the Team designee
IEP Meeting	Mid-May 2020	Plan and coordinate IEP meeting at the direction of the Contract Administrator or the Team designee

ESTIMATED COSTS AND BUDGET

The estimated costs associated with completion of the Scope of Work are not to exceed \$40,000.

Carollo:

Insert when available

Non-Carollo IEP Members:

Hourly (not to exceed \$200/hr) or per diem (not to exceed \$1,200)

Incidentals (actual cost)