

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** March 28, 2019

**TO:** Chair and Members, Northern Nevada Water Planning Commission (“NNWPC”)

**FROM:** Jim Smitherman, Water Resources Program Manager, Western Regional Water Commission (“WRWC”)

**SUBJECT:** Review, discussion and possible recommendation to the WRWC to approve a request by the University of Nevada, Reno (“UNR”) to readjust certain task completion dates, and reallocate previously approved funding for fiscal years 2018 – 2019 and 2019 – 2020, to continue the Advanced Water Treatment Technologies Demonstration Project (the “Project”).

### **SUMMARY**

The First Amended Interlocal Agreement (“IA”) between the WRWC and UNR, to fund the Project, expires on June 30, 2020. The IA contains a budget that allocates funding for each of four fiscal years, as shown in the table below. UNR has made substantial progress to date, including the completion of Tasks 1, 2, 3 and 4, and delivery of draft reports for each task. Because of unforeseen circumstances beyond its control, UNR has requested changes to the Project schedule and budget allocations for FY 2018-2019 and FY 2019-2020, also shown in the table below. Existing and proposed Project schedules are attached.

UNR has requested that Tasks 5 and 6 of the Project, initially scheduled to be completed in year 3, be rescheduled for completion in year 4 to compensate for the unanticipated delay. Funding for Tasks 5 and 6, in the amount of \$96,926, would be reallocated to year 4. The request for funding reallocation is tabulated below. Neither the total dollar amount, nor the completion date for the Project will be changed by approval of the request by the WRWC.

Project Year (Fiscal Year)	Existing Amount \$	Change \$	Revised Amount \$
1 (2016/2017)	83,739	0	83,739
2 (2017/2018)	243,178	0	243,178
3 (2018/2019)	208,466	<96,926>	111,540
4 (2019/2020)	141,091	96,926	238,017
TOTAL	676,475		676,475

### **BACKGROUND**

On August 17, 2016, the WRWC approved total funding for the Project not to exceed \$676,475, over 4 fiscal years, and authorized the Chairman to execute an IA with UNR for that purpose. In June 2017, UNR and the WRWC executed the First Amendment to the IA to adjust certain task completion dates, and reallocate previously approved funding.

Funding from other entities, including the City of Reno, City of Sparks, Washoe County, and the Truckee Meadows Water Authority, will contribute to completion of aspects of the Project that are above and beyond the tasks identified in the IA.

**FISCAL IMPACT**

The Fiscal Year 2019 – 2020 Tentative Budget includes adequate budget in the professional services category to accommodate the proposed changes.

**RECOMMENDATION**

Staff proposes that the NNWPC forward a recommendation to the WRWC for approval of UNR's request to readjust task completion dates, and reallocate funding for the Project, as described above.

JS:jp

Attachment

# EXISTING SCHEDULE

4-03-19: NNWPC Agenda Item 6 Attachment

## Advanced Water Treatment Technologies Demonstration Project Schedule

Task	Deliverables	2016				2017				2018				2019				2020			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>1. Rationale and Justification for Advanced Treated Recycled Water in the Truckee Meadows</b>																					
	Vision/planning document for advanced treated recycled water				99%																
<b>2. Critical Review of Technologies that can meet NDEP Prop.</b>																					
	Tech memo of treatment options and the selected alternative treatment train				99%																
<b>3. Basis of Design for the Demonstration Project</b>																					
	Document of the demonstration project design basis, drawings, non-process design specifications					95%															
<b>4. Demonstration System Testing Plan</b>																					
	Testing plan document/operating manual					95%															
<b>5. Demonstration System Equipment Procurement and Installation</b>																					
	Record document of equipment and supplies procured, deviations from the design document, and manufacturers							50%													
<b>6. Treatment System Shakedown and Startup</b>																					
	Modified operations and maintenance document to include additional information											50%									
<b>7. Operation of the Treatment Train and Data Collection</b>																					
	Quarterly progress reports of individual unit and process performance																				
<b>8. Reporting</b>																					
	Quarterly progress reports																				
	Task reports																				
	Draft final report																				
	Final report																				
<b>9. Workshops and Meetings</b>																					
	Presentations for quarterly project meetings																				
	Workshops with independent panel																				
	Workshops with regional team, utilities, invited professional groups																				

**Legend**

- Completed
- In-Progress
- Upcoming

## Advanced Water Treatment Technologies Demonstration Project Schedule

