

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: April 30, 2020
TO: Chair and Members, Northern Nevada Water Planning Commission
FROM: Chris Wessel, Water Management Planner
SUBJECT: Recommendation to the Western Regional Water Commission ("WRWC") for approval of an Interlocal Agreement with the Desert Research Institute ("DRI"), in an amount not to exceed \$5,000 from the Regional Water Management Fund ("RWMF"), to continue the Washoe Evapotranspiration ("WET") Project for Fiscal Year ("FY") 2020-2021.

SUMMARY

DRI currently provides maintenance and data acquisition for weather stations associated with the WET Project. The attached proposed scope of work, for an amount not to exceed \$5,000 for FY 2020-2021, will ensure program continuity for the coming year. The proposal includes maintenance of the seven weather stations associated with the Project for the referenced fiscal year.

Greg McCurdy, DRI Associate Research Scientist Climatology, will be available to answer any questions regarding the program.

BACKGROUND

The WRWC, as successor to the previous Regional Water Planning Commission, was assigned a 2007 Interlocal Agreement with DRI to upgrade and continue the WET Project, a website-based program that reports daily irrigation controller run-times calculated using estimates of local evapotranspiration rates.

Through the WET Project, the WRWC sponsors a total of seven weather station sites: Wolf Run Golf Course, Valley Road at DRI, Lazy 5 Regional Park, Wilson Commons Park, North Valleys Regional Park, Cold Springs Park and Mogul Mountain Park. One additional weather station, owned and maintained by the University of Nevada Reno University Farm, is also associated with the project.

FISCAL IMPACT

If approved, the fiscal impact to the RWMF will not exceed \$5,000 for FY 2020-2021. The FY 2020-2021 proposed tentative budget, recommended by the NNWPC, includes sufficient budget for this project. Budget authority is located in Fund Group 766, Fund 7066, Account Number 710100, Professional Services, Cost Object WP310102.

RECOMMENDATION

Staff recommends that the NNWPC make a recommendation to the WRWC for approval of an Interlocal Agreement with the Desert Research Institute in an amount not to exceed \$5,000 from the Regional Water Management Fund to continue the Washoe Evapotranspiration Project for Fiscal Year 2020-2021.

CW:jp

Attachment: DRI 2020-2021 Annual Washoe ET Maintenance Proposal: Continued Operations of the Washoe Evapotranspiration Project Maintenance mode only



04/15/2020

DRI 2020-2021

Annual Washoe ET Maintenance Proposal: *Continued Operations of the Washoe
Evapotranspiration Project Maintenance mode only*

Personnel: Greg McCurdy and Pamela Lacy

Summary of Tasks:

- Perform annual E.T. weather station maintenance for:
 - Wolf Run Golf Course
 - Valley Road at DRI
 - Lazy Five Regional Park
 - Wilson Commons Park
 - Mogul Mountain Park
 - Lemmon Valley Regional Park
 - Cold Springs Community Center
- Provide quarterly reports including progress on each task, website visit statistics and feedback from users regarding the usefulness of the website and project.
- Contact and distribute the Washoe E.T. brochure into the community. Contacts included the NV Landscape Association and plant nurseries in the Reno/Sparks area.
- Maintenance of the Washoe E.T. website.

Task schedule:

- Distribute the Washoe E.T. brochure into the community
- Annual maintenance of all Washoe E.T. stations

Cost Estimate:

Estimated total project cost (07/01/20 – 06/30/21): Not to Exceed \$5,000