

RESOLUTION R-2223-23

A RESOLUTION OF THE NORMAN UTILITIES AUTHORITY AUTHORIZING CHAIRMAN TO ACCEPT A WATERSMART: APPLIED SCIENCE GRANT FROM THE BUREAU OF RECLAMATION FOR LAKE THUNDERBIRD PREDICTIVE LAKE OPTIMIZATION TOOL PROJECT.

1. WHEREAS, the United States Bureau of Reclamation (BOR) has a funding program entitled "WaterSMART Applied Science Grants" and pursuant to this program, the BOR provides cost-shared financial assistance to organizations with water delivery authority for projects to develop hydrologic information and water management tools and improve modeling and forecasting capabilities.
2. WHEREAS, the Norman Utilities Authority (NUA) continues to advance the Lake Thunderbird Indirect Potable Reuse (IPR) Project and, as part of the project, has identified the development of Predictive Lake Optimization Tool (PLOT) as a critical piece of any future IPR because a PLOT uses precipitation and climatological data and trends to create a model that will identify the best times and quantities for augmentation flows to Lake Thunderbird that will, in turn, optimize lake yield and conjunctive groundwater use as well as mitigate drought risks and their potential impact on the lake.
3. WHEREAS, BOR has approved Assistance Agreement No. R22AP00241 for a WaterSMART Applied Science Grant in the amount of \$148,339.00 for the NUA to collaborate with the National Water Research Institute to develop a Lake Thunderbird PLOT; and
4. WHEREAS, new BOR policy no longer dictates that grant recipients execute the Assistance Agreement using their legally mandated contract approval process and instead now requires that the grant recipient indicate their acceptance of the Grant and terms and conditions of Assistance Agreement by commencing work on the funded project and commencing drawdowns of grant funds in accordance with terms and conditions of the Grant Agreement.

NOW, THEREFORE, BE IT RESOLVED BY THE NORMAN UTILITIES AUTHORITY:

SECTION 1. The NUA hereby finds that it is in the City of Norman's and public's interest in health, safety and welfare of the community to accept the grant funds made available under BOR Assistance Agreement R22AP00241 and to proceed with the Lake Thunderbird PLOT Project.

SECTION 2. The NUA understands and supports the acceptance of this Grant Award and finds:

- (a) The NUA has legal authority to collaborate with the National Water Research Institute on the Lake Thunderbird PLOT project as per the BOR Assistance Agreement
- (b) NUA has legal authority to drawdown grant funds allocated under the BOR Assistance Agreement with the understanding that such action indicates acceptance of the Assistance Agreement and all terms and conditions therein; and
- (c) The NUA is able to provide the minimum 50% non-federal cost share specified in the BOR Assistance Agreement.

SECTION 3. The NUA hereby authorizes and directs the City Manager or his designees, the Director of Utilities or his agents to:

- (a) Commence efforts on the Lake Thunderbird PLOT project in accordance with BOR Assistance Agreement No. R22AP00241;
- (b) Commence drawdown of funding provided under the Assistance Agreement, which as per current BOR policy, indicates acceptance of the Assistance Agreement and all terms and conditions therein; and
- (c) Represent the NUA in carrying out the NUA's responsibilities under the Assistance Agreement, including certifying disbursement requests on behalf of the NUA and compliance with applicable state and federal laws.

SECTION 4. The NUA will work with BOR to meet schedule milestones in the Assistance Agreement.

PASSED AND ADOPTED this 13th day of September, 2022.



Matthew Peacock, Vice-Chairman

ATTEST:



Brenda Hall, Secretary

