



RESOLUTION NO. 40669

1 A RESOLUTION relating to the Department of Public Utilities, Water Division,
2 d.b.a. Tacoma Water; authorizing the City of Tacoma, Department of
3 Public Utilities, to apply for \$2 million in grant funds through the United
4 States Department of the Interior, Bureau of Reclamation's WaterSMART
5 Grants: Water and Energy Efficiency Grants Program, and authorizing
6 the Director of Utilities to enter into an agreement for the requested grant.

7 WHEREAS the City of Tacoma, Department of Public Utilities ("TPU"),
8 Water Division (d.b.a. "Tacoma Water"), plans to deploy Advanced Metering
9 Infrastructure ("AMI") across its entire water and electric service territories that
10 will modernize utility operations and improve services to customers, and

11 WHEREAS the AMI program will involve replacing or upgrading all non-
12 communicating power and water meters with advanced two-way communicating
13 technology, and

14 WHEREAS, to support this effort, TPU has applied for a \$2 million grant
15 from the United States Department of the Interior, Bureau of Reclamation's
16 ("Bureau of Reclamation") WaterSMART Grants: Water and Energy Efficiency
17 Grants Program specific to the deployment of approximately 107,000 advanced
18 water meters and radio modules, and

19 WHEREAS the \$2 million grant, when complemented with the planned
20 utility investment of approximately \$25 million for grant related meter/module
21 deployment, will help provide more efficient service to drinking water customers
22 served by TPU, and
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1 WHEREAS the grant application must include a supporting Resolution
2 adopted by the board of directors or governing body approving the grant
3 application, and

4 WHEREAS the City Council has reviewed and supports the application
5 and verifies that TPU/Tacoma Water has the capability to provide the amount of
6 funding and/or in-kind contributions specified in the application funding plan, and
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8 WHEREAS TPU/Tacoma Water will work with the Bureau of Reclamation
9 to meet the established deadlines for entering into a grant or cooperative
10 agreement, and

11 WHEREAS the City Council delegates to the Director of Utilities the
12 authority to enter into a grant agreement with the Bureau of Reclamation, and

13 WHEREAS TPU/Tacoma Water has also received U.S. Congressional
14 letters of support from Senator Patty Murray, Representative Derek Kilmer,
15 Representative Denny Heck, and Representative Adam Smith, and
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17 WHEREAS the completion of the AMI water meter/module installations is
18 planned for late 2022, and will be coordinated with similar upgrades to TPU's
19 electric meters, and
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21 WHEREAS the AMI Project supports TPU's long-term goal of water
22 supply and efficient water management by providing detection of leaks and
23 providing customers with an action plan; a customer portal that will provide real-
24 time information on their water usage; and a more accurate reading regarding
25 usage, and
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WHEREAS this project will lead to a number of other measurable efficiency improvements such as a water savings estimate of 2,049.5 acre-feet per year; savings of nearly 24,000 gallons of gasoline per year in meter reading and maintenance vehicle consumption; and emission reduction estimated at 35.1 metric tons of CO₂ per year, and

WHEREAS these savings will also reduce the amount of water diverted and treated out of the Green River, TPU's primary drinking water source, and provide energy savings associated with pumping reductions, and

WHEREAS these water usage reductions will provide flexibility for ongoing initiatives aimed at improving the health of several threatened species of fish; Now, Therefore,

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

Section 1. That the City Council approves the application by the City of Tacoma, Department of Public Utilities, for \$2 million in grant funds through the United States Department of the Interior, Bureau of Reclamation's WaterSMART Grants: Water and Energy Efficiency Grants Program, and verifies the application as set forth above and as on file in the office of the City Clerk.



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Section 2. That the Director of Utilities is authorized to enter into an agreement for the requested grant as set forth in Section 1 above.

Adopted _____

Mayor

Attest:

City Clerk

Approved as to form:

Chief Deputy City Attorney