

MOTION

Up to \$2,000,000 has been made available by the U.S. Department of the Interior, Bureau of Reclamation in total funding under the Water SMART: Water Recycling and Reuse Research under Title XVI Water Reclamation and Reuse Program for Fiscal Year (FY) 2016 (Program). Under this Program, research studies must focus on supporting water reclamation and reuse of non-traditional water supplies, including but not limited to municipal, industrial, domestic, or agricultural wastewater, as well as naturally impaired ground or surface waters, including stormwater, seawater or brackish water.

LA Sanitation (LASAN) has identified the Donald C. Tillman Water Reclamation Plant's (DCTWRP) Advanced Water Purification Facility (AWPF) Pilot Study (Pilot) and the Hyperion Water Reclamation Plant's (HWRP) Water Reclamation Demonstration Facility (Demonstration Facility) for this Program. LASAN is applying for the Program in the amount of \$300,000 for each project. LASAN is seeking City Council approval of Resolutions (Transmittals) authorizing LASAN to apply for and enter into separate grant agreements, if awarded the grant, with the Bureau of Reclamation as required by the granting agency. The deadline of April 20, 2016 to apply for the grants was met however the Resolutions must be submitted no later than 30 days from the time of filing the applications.

Consistent with the 2012 Recycled Water Master Plan, LASAN's Pilot will determine the most effective treatment strategy and establish the appropriate equipment, design criteria and preliminary equipment lay out. Since 2012, new approaches and technologies for water purification have emerged that may yield more effective and less costly treatment processes. The total budget for this Pilot is \$4,126,352 which includes a 5% contingency to be funded by the Sewer Capital Fund (Fund 761). The Demonstration Facility will consist of Membrane Bioreactors for Biological Nutrient Removal, Reverse Osmosis and Advanced Oxidation Process for producing up to one (1) MGD (million gallons per day) of nitrified-denitrified reclaimed water for HWRP's internal use. The performance data collected from the Demonstration Facility will allow for the evaluation of alternative treatment components, potential treatment trains, design criteria, and future permitting of potential water reuse applications. The total budget for this Demonstration is \$14,690,000 to be funded by the Sewer Capital Fund (Fund 761).

I THEREFORE MOVE that the City Council adopt the attached Resolutions, as required by the U.S. Department of the Interior, Bureau of Reclamation authorizing the Bureau of Sanitation to apply for and submit all grant applications which may be necessary to receive funding from the U.S. Department of the Interior, in the total amount of \$300,000 each for the Donald C. Tillman Water Reclamation Plant's Advanced Water Purification Facility Pilot Study and the Hyperion Water Reclamation Plant's Water Reclamation Demonstration Facility with a total project cost of \$4,126,352 and \$14,690,000 respectively which includes a City match of \$900,000 each; and upon award of the grant to report with additional recommendations for execution of any documents and administration of this grant.

PRESENTED BY: 
FELIPE FUENTES
Councilmember, Seventh District


SECONDED BY: 
MAY 10 2016

ORIGINAL

RESOLUTION

RESOLUTION OF THE CITY COUNCIL OF THE CITY LOS ANGELES TO APPLY FOR ACCEPT, NEGOTIATE, AND EXECUTE AN AGREEMENT FOR GRANT FUNDING WITH THE U.S. DEPARTMENT OF THE INTERIOR'S BUREAU OF RECLAMATION FOR THE WATERSMART: WATER RECLAMATION RESEARCH UNDER THE TITLE XVI WATER RECLAMATION AND REUSE PROGRAM FOR FISCAL YEAR 2016

WHEREAS, the U. S. Department of the Interior, Bureau of Reclamation has made \$2,000,000 available in total funding under the WaterSMART: Water Recycling and Reuse Research for the Title XVI Water Reclamation and Reuse Program for Fiscal Year (FY) 2016 (Program);

WHEREAS, the intent of the Program is to provide grants for research studies to address water supply challenges by establishing or expanding water reuse markets, improving existing water reuse facilities, and streamlining the implementation of state of the art technology for new facilities;

WHEREAS, Program procedures established by the Bureau of Reclamation require that an official resolution adopted by the applicant's governing body be submitted up to 30 days after the application submission deadline;

WHEREAS, the Donald C. Tillman Water Reclamation Plant's Advanced Water Purification Facility (AWPF) Pilot Study (Project) has been identified by the City to be eligible under the Program for grant funding up to three-hundred (\$300,000) with a minimum match of 75%;

WHEREAS, the total estimated project cost is four million one-hundred twenty-six thousand three-hundred fifty-two dollars (\$4,126,352) from the Sewer Capital Fund (Fund No. 761); and,

NOW THEREFORE BE IT RESOLVED, with the concurrence of the Mayor, the City Council of the City of Los Angeles hereby,

1. Authorizes the Director of the Bureau of Sanitation (LASAN), or designee, to apply for, accept, negotiate, and execute all documents, including but not limited to, applications, agreements, amendments, subject to the approval of the City Attorney as to form, which may be necessary to secure grant funding of up to \$300,000, if awarded, from the U.S. Department of the Interior for the Donald C. Tillman Water Reclamation Plant's AWPF Pilot Study;

2. Certifies that LASAN is capable of providing \$4,126,352 from the Sewer Capital Fund (Fund No. 761) to implement the Project; and,
3. Certifies that LASAN will work with the Bureau of Reclamation to meet established deadlines for entering into a cooperative agreement.

PASSED and ADOPTED by the City council this _____ day of _____, 2016,
by the following vote:

AYES: _____
NOES: _____
ABSENT: _____

I certify that the foregoing Resolution was adopted by the Council of the City of Los Angeles at its meeting on _____, 2016.

HOLLY L. WOLCOTT, Interim City Clerk

By: _____
Deputy City Clerk

RESOLUTION

RESOLUTION OF THE CITY COUNCIL OF THE CITY LOS ANGELES TO APPLY FOR ACCEPT, NEGOTIATE, AND EXECUTE AN AGREEMENT FOR GRANT FUNDING WITH THE U.S. DEPARTMENT OF THE INTERIOR'S BUREAU OF RECLAMATION FOR THE WATERSMART: WATER RECLAMATION RESEARCH UNDER THE TITLE XVI WATER RECLAMATION AND REUSE PROGRAM FOR FISCAL YEAR 2016

WHEREAS, the U. S. Department of the Interior, Bureau of Reclamation has made \$2,000,000 available in total funding under the WaterSMART: Water Recycling and Reuse Research for the Title XVI Water Reclamation and Reuse Program for Fiscal Year (FY) 2016 (Program);

WHEREAS, the intent of the Program is to provide grants for research studies to address water supply challenges by establishing or expanding water reuse markets, improving existing water reuse facilities, and streamlining the implementation of state of the art technology for new facilities;

WHEREAS, Program procedures established by the Bureau of Reclamation require that an official resolution adopted by the applicant's governing body be submitted up to 30 days after the application submission deadline;

WHEREAS, the Hyperion Water Reclamation Plant's Water Reclamation Demonstration Facility (Project) has been identified by the City to be eligible for grant funding up to three-hundred thousand dollars (\$300,000) with a minimum match of 75% under the program;

WHEREAS, the total estimated project cost is fourteen million three-hundred ninety-thousand dollars (\$14,390,000); and,

NOW THEREFORE BE IT RESOLVED, with the concurrence of the Mayor, the City Council of the City of Los Angeles hereby,

1. Authorizes the Director of the Bureau of Sanitation (LASAN), or designee, to apply for, accept, negotiate, and execute all documents, including but not limited to, applications, agreements, amendments, subject to the approval of the City Attorney as to form, which may be necessary to secure grant funding of up to \$300,000, if awarded, from the U.S. Department of the Interior for the Hyperion Water Reclamation Plant's Water Reclamation Demonstration Facility;

2. Certifies that LASAN is capable of providing \$14,390,000 from the Sewer Capital Fund (Fund no. 761) to implement the Project; and,
3. Certifies that LASAN will work with the Bureau of Reclamation to meet established deadlines for entering into a cooperative agreement.

PASSED and ADOPTED by the City Council this _____ day of _____, 2016,
by the following vote:

AYES: _____
NOES: _____
ABSENT: _____

I certify that the foregoing Resolution was adopted by the Council of the City of Los Angeles at its meeting on _____, 2016.

HOLLY L. WOLCOTT, Interim City Clerk

By: _____
Deputy City Clerk