

# APPROVED

APR 04 2018

BOARD REPORT

BOARD OF RECREATION  
AND PARK COMMISSIONERS

NO. 18-055

DATE April 04, 2018

C.D. 4

**BOARD OF RECREATION AND PARK COMMISSIONERS**

SUBJECT: GRIFFITH PARK - ROOSEVELT GOLF COURSE - IRRIGATION REPLACEMENT (PRJ21102) PROJECT; CITY PARK IRRIGATION INFRASTRUCTURE IMPROVEMENT PROGRAM - ALLOCATION OF THE LOS ANGELES DEPARTMENT OF WATER AND POWER FUNDS; CATEGORICAL EXEMPTION FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) PURSUANT TO ARTICLE III, SECTION 1, CLASS 2(5) [REPLACEMENT OF SUBSURFACE PIPELINES]

AP Diaz

V. Israel

*for* R. Barajas

S. Pifia-Cortez

H. Fujita

N. Williams

  
General Manager

Approved

Disapproved

Withdrawn

RECOMMENDATIONS

1. Authorize the Department of Recreation and Parks (RAP) Chief Accounting Employee to allocate funding received from Los Angeles Department of Water and Power (LADWP) via interdepartmental transfer on February 2, 2018 in the amount of Three Million Dollars (\$3,000,000) for the City Park Infrastructure Improvement Program project at Griffith Park - Roosevelt Golf Course - Irrigation Replacement (PRJ2110) Project (Project).
2. Direct RAP's Chief Accounting Employee to deposit Three Million Dollars (\$3,000,000.00) establish a new project allotment, and appropriate the Three Million Dollars (\$3,000,000.00) as follows:

<u>Park Site</u>	<u>Dept./Fund/Account No.</u>	<u>Amount</u>
Roosevelt Golf Course	88/205/88PD38	\$3,000,000

3. Find that Griffith Park - Roosevelt Golf Course - Irrigation Replacement (PRJ2110) Project is exempt from the California Environmental Quality Act (CEQA), and direct staff to file a Notice of Exemption;
4. Authorize the RAP's Chief Accounting Employee to prepare a check to the Los Angeles County Clerk in the amount of Seventy-Five Dollars (\$75.00) for the purpose of filing a Notice of Exemption; and,

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5. Authorize RAP's Chief Accounting Employee to make technical corrections as necessary to carry out the intent of this Report.

### SUMMARY

Staff recommends that the Board accepts the funding in the amount of Three Million Dollars (\$3,000,000), already received by RAP Accounting Division, from LADWP for the Roosevelt Golf Course Irrigation Replacement (PRJ21102) Project. In accordance with the existing Memorandum of Understanding (MOU) (Attachment 1), approved on Report No. 13-212, dated August 14, 2013 (Attachment 2), between RAP and LADWP for the City Park Irrigation Infrastructure Program, RAP proposed the replacement of the original outdated irrigation system at Roosevelt Golf Course with a new irrigation system that is also designed to accept the recycled water which is now available. LADWP is nearing completion on their Griffith Park South Water Recycling Project that tunneled new recycled water pipeline from Griffith Park's Park Center area to a new water tank situated in the hills above Roosevelt Golf Course; and LADWP installed additional water pipeline down to the intended recipient location for the recycled water - Roosevelt Golf Course. It is anticipated that once operational, the new irrigation system utilizing recycled water will save sixty (60) acre feet of potable water per year.

An important component of the City Park Irrigation Infrastructure Program has been RAP's employment of "at-risk-youth." This funding continues RAP's Smart Irrigation Youth Development Program and will give twelve (12) more youth the opportunity to gain valuable technical and hands on skills to help them to a career in landscape irrigation construction. For the past ten (10) years, RAP typically has employed ten (10) to twelve (12) youth on a part time basis at any one time. To date 115 youth have participated and five (5) have received full time employment with RAP.

### TREES AND SHADE

Not applicable to this project.

### ENVIRONMENTAL IMPACT STATEMENT

The proposed project consists of the replacement or reconstruction of existing subsurface pipelines involving negligible or no expansion of use. Therefore, Staff recommends that the Board determine that the Project categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Article III, Section 1, Class 2(5) a of the City CEQA Guidelines. A Notice of Exemption will be filed with the Los Angeles County Clerk upon Board's approval.

### FISCAL IMPACT STATEMENT

There is no impact on RAP's General Fund.

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This Report was prepared by Tom Gibson, Landscape Architect II, Planning, Construction and Maintenance Division.

LIST OF ATTACHMENTS/EXHIBITS

Memorandum of Understanding, dated August 28, 2013  
Report No. 13-212, dated August 14, 2013

DUPLICATE  
ORIGINAL

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made and entered into between the Los Angeles Department of Water and Power (LADWP) and the City of Los Angeles Department of Recreation and Parks (LARAP), re-establishing the City Park Irrigation Improvement Program (Program).

### PURPOSE

The goal of this Program is to develop and promote water conservation by maximizing landscape water use efficiency at Los Angeles City (City) parks through actions that include, but are not limited to the repair and/or replacement of inefficient irrigation distribution systems, the installation of weather-sensitive irrigation control equipment that irrigates on the basis of actual site characteristics and local weather conditions, turf reduction and/or use of California-Friendly Plants, and the conversion of potable irrigation systems to utilize recycled water (where available). The anticipated benefits include long-term water conservation, elimination of irrigation system water leaks, reduction of dry weather runoff, potential reduction of maintenance performed by LARAP employees, and improved health and appearance of park landscape plant materials.

### FUNDING

LADWP will, at its discretion, provide Program funding to LARAP in an amount not to exceed \$3 million per fiscal year (FY) based on an annual water conservation work plan prepared and submitted by LARAP to LADWP. Funding will be made available through and subject to the annual LADWP budgeting process. Payment will be made upon the written approval of the annual work plan by the LADWP General Manager or his designee.

### TERMS AND CONDITIONS

In accepting LADWP funding, LARAP agrees to the following terms and conditions:

#### MOU Duration

Funding availability under the terms and conditions of this MOU shall apply to a total of five FYs, beginning July 1, 2013, and ending June 30, 2018.

### Submission of Proposed Plan

LARAP shall submit to LADWP a water conservation work plan for each FY (July-June). Each plan shall set forth in detail, on a park-by-park (Project) basis, the work to be performed, Project schedule and milestones, estimate of potable water savings, and the cost estimates for each Project in the respective FY. The plan for FY 2013-2014 shall be submitted no later than 30 days following full execution of the MOU by LARAP and LADWP. All subsequent plans shall be submitted by May 1 of the preceding FY.

### Requirements for Irrigation Systems

- Proper hydrozoning, using irrigation equipment having matched precipitation rates
- Use of MP Rotator® or equivalent sprinkler nozzles, and pressure regulation valves where appropriate
- Achievement of a minimum irrigation system distribution uniformity of 70 percent
- Installation of weather-sensitive irrigation control equipment with flow sensor and rain shut-off capability
- Installation of a flow sensor (connected to the irrigation control equipment) and master valve (controlled by the irrigation control equipment)

### Requirements for Turf Removal and California-Friendly Plants

- Removal of turf shall include replacement with a permeable material and/or California-Friendly Plants with at least 30 percent plant coverage at maturity.
- Irrigation system shall be modified such that no water is applied to areas replaced with only permeable material
- Irrigation system shall be modified to irrigate California-Friendly Plants using a low-volume system (drip or bubblers)
- All exposed soil must be covered with a three-inch (or more) layer of mulch

### Required Reporting by LARAP to LADWP for Each Project

- Project Completion Report: final written report detailing project scope, timeline, actions taken, and related expenditures at each park
  - Detailed accounting of all funds expended, including administrative cost breakdown
  - Explanation of any significant deviations from the cost estimate

- Summary description of the work performed, identification and explanation of any prescribed work or task not performed
- Project timeline showing start and completion dates, major milestone dates
- Report shall be submitted within 45 days of project completion
- Annual Summary Report: written report summarizing the FY work plan accomplishments
  - Work performed
  - Water saved
  - Funds expended
  - Other relevant information
  - Copy of each Project Report for the FY
  - Report shall be submitted by September 30 of each year
- Quarterly Progress Report: quarterly written report summarizing the following
  - Work performed
  - Funds expended
  - Percentage complete for each project
  - Report shall be submitted 30 days after the end of each quarter

#### Required LARAP Park Operation and Maintenance

LARAP commits to ongoing landscape and irrigation system maintenance and repair so as to sustain the water conservation benefits at each park funded under this MOU for a minimum period of 20 years.

#### Right to Audit

At any time within three years following the completion of the work funded under this MOU, LADWP shall have the right to conduct an audit of the expenditures associated with this MOU itemized in the written completion reports by providing 30 calendar days notice to LARAP. Should LARAP utilize contractors to perform any of the work described in the plan, the contracts with those contractors must state that they are subject to audit by LADWP, as are any subcontractors they may employ. Any expenditure deemed to be improper shall be refunded by LARAP to LADWP within 60 days from the date of such determination.

In addition, all contractors and subcontractors are to be notified that no mark-ups of any kind will be allowed on services and/or materials provided by contractors or subcontractors.

### Right of Field Verification

LADWP will, at its discretion, perform progress and/or completion verification activities at any or all parks.

### LADWP Payment to LARAP

- A single payment in the amount set forth in the water conservation work plan for the FY as agreed to by LADWP will be made via interdepartmental transfer upon LADWP's receipt and approval of an LARAP request for payment
- Funding will be provided in advance of LARAP's actual performance of the specified work in the water conservation work plan
- If the work specified in the annual water conservation work plan, and all required reporting is not completed prior to the start of a new FY, LADWP may at its discretion withhold funding for any subsequent work plan projects that have been approved pending completion of said work and/or reporting
- It is acknowledged that actual expenditures may vary from project estimates upon which funding is based; under-expenditure of LADWP funding for any given plan will be carried over and applied to subsequent plan costs. All unexpended funds for projects implemented in the final FY under the terms of this MOU will be refunded to LADWP within 30 days of the completion of the required Project or Summary Report

In return for said funding, LARAP agrees to implement the projects in accordance with the cost estimates on file in LADWP's Water Conservation office and the terms and conditions set forth herein.

The water conservation work plans, requests for payment, and all reports shall be submitted to:

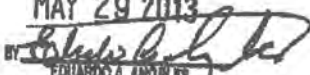
Los Angeles Department of Water and Power  
1230 West. 3<sup>rd</sup> Street, 1<sup>st</sup> Floor  
Los Angeles, California 90012  
Attention: Mark Gentili

This MOU becomes effective upon full execution by both parties and shall remain in effect through June 30, 2017. This MOU may be terminated by either party upon sixty days written notice, provided however, that the reporting and auditing provisions shall remain in effect for all funds received by LARAP prior to the notice of termination.

This MOU is hereby accepted by LARAP, and MOU funding will be expended for the purposed described above.

DEPARTMENT OF WATER AND POWER  
OF THE CITY OF LOS ANGELES BY  
BOARD OF WATER AND POWER COMMISSIONERS  
OF THE CITY OF LOS ANGELES

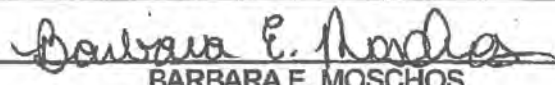
APPROVED AS TO FORM AND LEGALITY  
CARMEN A. TRUTANUCH, CITY ATTORNEY

MAY 29 2013  
BY   
EDUARDO A. ANGELES  
SENIOR ASSISTANT CITY ATTORNEY

By:   
RONALD O. NICHOLS

General Manager

Date: 7/2/13

And:   
BARBARA E. MOSCHOS

Secretary

AUTHORIZED BY RES. 013 309  
JUN 19 2013

LOS ANGELES DEPARTMENT OF  
RECREATION AND PARKS

By:   
JON KIRK MUKRI  
General Manager

✓ Date: 08/28/ 2013



RESOLUTION NO. 013 309

WHEREAS, the Los Angeles Department of Water and Power (LADWP) and the Los Angeles Department of Recreation and Parks (LARAP) are working in partnership to continue to promote and advance water conservation in the City of Los Angeles (City) through water use efficiency projects at parks throughout the City; and

WHEREAS, this re-establishes the Memorandum of Understanding between LADWP and LARAP for the City Park Irrigation Improvement Program; and

WHEREAS, LADWP will receive long-term water conservation benefits from investments in landscape water use efficiency improvements at City parks.

NOW, THEREFORE BE IT RESOLVED, that the Memorandum of Understanding between LADWP and LARAP, approved as to form and legality by the City Attorney and now on the file with the Secretary of the Board, is hereby approved.

BE IT FURTHER RESOLVED, that the Chief Accounting Employee, upon proper certification, is authorized and directed to draw demands on the Water Capital Fund in payment of the obligations arising under said Memorandum of Understanding,

BE IT FUTHER RESOLVED, that the President or the Vice President, or the General Manager, or such person as the General Manager shall designate in writing, and the Secretary, Assistant Secretary, or the Acting Secretary of the Board be and they are hereby authorized and directed to execute said Memorandum of Understanding for and on behalf of LADWP.

I HEREBY CERTIFY that the foregoing is a full, true, and correct copy of a Resolution adopted by the Board of Water and Power Commissioners of the City of Los Angeles at its meeting held JUN 19 2013

*Barbara E. Hoehner*

Secretary

APPROVED AS TO FORM AND LEGALITY  
CARMEN A. TRUTANICH, CITY ATTORNEY

MAY 29 2013  
BY *Eduardo A. Angeles*  
EDUARDO A. ANGELES  
SENIOR ASSISTANT CITY ATTORNEY

*For reference*

**APPROVED**  
AUG 14 2013

REPORT OF GENERAL MANAGER

NO. 13-212

DATE August 14, 2013

BOARD OF RECREATION  
AND PARK COMMISSIONERS

C.D. Various

BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: CITY PARK IRRIGATION IMPROVEMENT PROGRAM - MEMORANDUM OF UNDERSTANDING BETWEEN DEPARTMENT OF RECREATION AND PARKS AND LOS ANGELES DEPARTMENT OF WATER AND POWER FOR IRRIGATION IMPROVEMENTS AT SELECTED PARK SITES AND EXEMPTION FROM CALIFORNIA ENVIRONMENTAL QUALITY ACT

R. Adams	_____	K. Regan	_____
H. Fujita	_____	M. Shull	<i>[Signature]</i>
V. Jeraf	_____	N. Williams	_____

*[Signature]*  
General Manager

Approved *as amended*

Disapproved \_\_\_\_\_

Withdrawn \_\_\_\_\_

RECOMMENDATIONS:

That the Board:

1. Approve a proposed Memorandum of Understanding (MOU) between Department of Recreation and Parks (RAP) and Los Angeles Department of Water and Power (LADWP), substantially in the form on file in the Board Office, specifying the terms and conditions for the use of funding provided by the LADWP for RAP's operation of the City Park Irrigation Improvement Program (Program), subject to the approval of the Mayor and the City Attorney as to form;
2. Give proper recognition to the LADWP, as represented by its General Manager, Ronald O. Nichols, its Chief Financial Officer, Frank R. Leiber, its Water Conservation Policy Manager, Penny Falcon; and its Water Conservation Manager, Mark Gentile;
3. Authorize RAP to receive from the LADWP, initial funding up to \$3,000,000.00 for the initial implementation of the Program at Elysian Park;

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4. Direct the Department's Chief Accounting Employee to deposit the initial funding (up to \$3,000,000.00) as follows, upon inter-departmental transfer from the LADWP:

<u>Park Site</u>	<u>Dept./Fund No./Account No.</u>	<u>Amount</u>
Elysian Park	88/205/TBD	\$3,000,000.00

5. Direct the Department's Chief Accounting Employee to establish project accounts for future LADWP Program approved projects and related interdepartmental funding transfers from the LADWP, respectively, pursuant to the terms and conditions of the MOU;
6. Direct the Board Secretary to transmit the proposed MOU to the Mayor for review and approval, pursuant to Executive Directive No. 3, and to the City Attorney for review and approval as to form;
7. Authorize the General Manager to execute the MOU upon receipt of the necessary approvals; and,
8. Find that the approval of the MOU and the associated project at Elysian Park is exempt from the California Environmental Quality Act (CEQA).

SUMMARY:

The Board of Recreation and Park Commissioners (Board) approved Board Report No. 07-137 on June 20, 2007, subsequently establishing the City Park Irrigation Improvement Program (Program), a partnership between the LADWP and RAP to promote water conservation by maximizing landscape water use efficiency. This 5-year Program had a budget of \$11,000,000.00 and successfully implanted water savings projects at 18 park facilities, saving over 400 acre-feet (AF) of water per year with an estimated utility bill cost savings of \$200,000.00 per year. The Program expired in ~~2012~~ 2011.

Due to the tremendously success efforts of RAP with the Program, the LADWP has offered to re-establish this partnership Program with RAP through the proposed MOU attached hereto for the continued operation of the Program. The Program's purpose is to develop and promote water conservation by maximizing landscape water use efficiency at City parks through actions that include, but are not limited to, the repair and/or replacement of existing irrigation distribution systems and the installation of weather-sensitive irrigation control equipment that irrigates on the basis of actual site characteristics and local weather conditions. Under the proposed MOU and related Program, the LADWP will provide funding to RAP up to \$3,000,000.00 each fiscal year through interdepartmental transfers for irrigation improvements at specified park sites. Each fiscal year RAP shall submit to the LADWP a water conservation work plan which shall set forth in detail, on a park by park (Project) basis, the work to be performed, Project milestones, and the cost

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on a park by park (Project) basis, the work to be performed, Project milestones, and the cost estimates for each Project in the respective fiscal year. The five (5)-year term of the proposed MOU is from July 1, 2013 to June 30, 2018.

The LADWP will initiate the Program with an initial transfer of funds up to \$3,000,000.00 allocated to a Project at Elysian Park in the First Council District (CD-1). The existing irrigation/fire line water system in Elysian Park was constructed in the 1930's by the Work Projects Administration (WPA) and is currently in a state of disintegration. The Project funds for Fiscal Year (FY) 2013-2014 will begin the process of replacing all of the mainline irrigation piping in Elysian Park, beginning on the west side of the park, which is in the worst condition. These new main line water pipes will also be constructed for future recycled water use, as well as supply water to the dozens of fire hydrants throughout the park for fire prevention. Additionally, LADWP is currently working (under a separate project) to extend their recycled water pipes from Rio de Los Angeles State Park, across the Los Angeles River, to a new 2,000,000 gallon tank in Elysian Park. This new tank will replace the existing tank adjacent to Bishops Field.

The LADWP recognizes the need to improve the irrigation infrastructure in City parks and proposes to fund irrigation improvement projects at City parks under the Program as an important step towards addressing these needs. Subsequent to the initial interdepartmental transfer for the aforementioned Project (FY 2013-2014), the LADWP will provide Program funding up to, and not to exceed, \$3,000,000.00 for FY 2014-2015 and \$3,000,000.00 each fiscal year thereafter through June 30, 2018. Each fiscal year, available funds will be allocated to the Program contingent upon the LADWP annual budgeting process and the written approval of RAP's annual water conservation work plan for each fiscal year, submitted to LADWP on or prior to May 1<sup>st</sup> of each preceding fiscal year. The plan for FY 2013-2014 shall be submitted no later than thirty (30) days following the execution of the proposed MOU by RAP to the LADWP.

As an acknowledged leader in water conservation, the LADWP recognizes the educational value that this project represents in promoting proper 'smart' irrigation techniques to achieve significant savings in outdoor water use. The ultimate goal of this project is to install the necessary infrastructure that will properly irrigate and promote ease of maintenance at City park sites that are in great need of refurbishment. The benefit to the communities, and ultimate outcome of these Projects, will be long-term water conservation, reduction of dry weather runoff, the elimination of system leakages, and the enhanced health and aesthetics of the park through the use of smart irrigation controller technology.

Staff has determined that the irrigation improvement Projects engendered by the proposed MOU will consist primarily of the repair and/or replacement to existing subsurface irrigation pipelines and control systems, initially at Elysian Park, then subsequently at various selected park sites. Therefore, the first Project is categorically exempt from the California Environmental Quality Act (CEQA)

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pursuant to Article III, Section 1(a), Class 1(17) and Section 1(b), Class 2(5) of the City CEQA Guidelines. The subsequent projects are provisionally exempt pursuant to the same categories, and will be re-evaluated according to CEQA as each Project is approved for funding under the Program.

Staff recommends that the Board approve the MOU and that proper recognition be given to the LADWP, as represented by its General Manager, Ronald O. Nichols, its Chief Financial Officer, Frank R. Leiber, its Water Conservation Policy Manager, Penny Falcon; and its Water Conservation Manager, Mark Gentile.

Staff has discussed the proposed MOU with the Assistant General Manager of Planning, Construction and Maintenance, and the Superintendent of Planning, Construction and Maintenance Branch, and each concurs with staff's recommendations.

FISCAL IMPACT STATEMENT:

There will be no adverse fiscal impact associated with this Project, as the Program operation and related irrigation improvements will be funded through LADWP interdepartmental transfers. R.A.P. and affected communities will benefit greatly from the Program through improved irrigation systems at selected park sites, which will produce increased water conservation and healthier looking parks through reduced dry weather runoff, elimination of irrigation system water leaks, and healthier landscaping.

The Report was prepared by Tom Gibson, Landscape Architect and Gregory Clark, Management Analyst, of the Advanced Planning and Real Estate and Asset Management Sections.