



COUNTY OF LOS ANGELES
DEPARTMENT OF PARKS AND RECREATION
"Parks Make Life Better!"

Norma E. García-González, Director

Alina Bokde, Chief Deputy Director

December 19, 2023

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

56 December 19, 2023

CELIA ZAVALA
EXECUTIVE OFFICER

**RECOMMENDATION TO APPROVE SOLE SOURCE
CONTRACT WITH ANGELEYE TECHNOLOGIES, INC. FOR
DROWNING DETECTION SYSTEM SUPPORT AND MAINTENANCE SERVICES
(SUPERVISORIAL DISTRICT 1, 2, 4) (3-VOTES)**

SUBJECT

Approval of the recommended actions will allow the Department of Parks and Recreation to award a sole source service contract to AngelEye Technologies, Inc., for technical support, system maintenance, and operation of a Drowning Detection System at County pools.

IT IS RECOMMENDED THAT THE BOARD:

1. Find that the proposed actions are not a project under the California Environmental Quality Act for the reasons stated in this Board Letter and the record.
2. Authorize the Director of Parks and Recreation, or her designee, to execute a sole source service contract with AngelEye Technologies, Inc., for an initial term of five (5) years, for a total contract amount of \$449,400, with one five-year extension option for technical support, system maintenance, and operation of a Drowning Detection Systems at Jesse Owens Community Regional Park and Greater Whittier Regional Aquatic Center. The total contract amount includes a one-time cost of \$37,000 to upgrade the existing wireless network at Jesse Owens Community Regional Park.
3. Authorize the Director of Parks and Recreation, or her designee, to execute an amendment for technical support, system maintenance, and operation of a Drowning Detection Systems at the San Gabriel Valley Aquatic Center, upon substantial completion of the Aquatic Center and approval as to form by County Counsel, at an amount not to exceed \$49,110 annually.

4. Authorize the Director of Parks and Recreation, or her designee, to execute future amendment(s) approved as to form by County Counsel to exercise the five year extension option, increase or decrease the total contract amount by no more than ten percent, suspend or terminate the contract, or assign rights or delegation of duties should the recommended Contractor merge, be acquired, or otherwise change entities, if deemed necessary, provided that sufficient funding is available.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTIONS

A Drowning Detection System (DDS) installed at various County of Los Angeles (County) pools managed by the Department of Parks and Recreation (Department) assists lifeguards in providing exceptional monitoring for the safety of swimmers. The DDS software is uniquely optimized for individual pools, with all software upgrades and updates handled exclusively by AngelEye Technologies, Inc. and cannot be replicated by any other system and/or contractor. The DDS is the only drowning detection system in the market that utilizes wearable technology and an evolving algorithm that continually accounts for and adjust for environmental and operational conditions. Furthermore, the DDS utilizes an advanced software algorithm to facilitate the monitoring, detection, and notification of potential submersion incidents at equipped County Pools. The installed DDS at County pools require ongoing technical support system maintenance, and operation services. Additionally, Department staff have been trained in the DDS and requiring staff to be trained in multiple DDS systems would cause safety issues.

The Department has spent approximately \$2 million on the installation of The DDS at three pool facilities. The DDS for the Jesse Owens Community Regional Park and the Greater Whittier Regional Aquatic Center (Whittier Aquatic Center) have been installed and are operational. The Department anticipates the full installation of a DDS at the future San Gabriel Valley Aquatic Center.

Approval of the recommended actions will find that they are not subject to the California Environmental Quality Act (CEQA) and will enable the Department to provide services at the Jesse Owens Community Regional Park, the Greater Whittier Regional Aquatic Center (Whittier Aquatic Center), and the future San Gabriel Valley Aquatic Center.

Implementation of Strategic Plan Goals

The recommended actions support the County's Strategic Plan Goal II, Strategy II.2 Support the Wellness of Our Communities, specifically Strategy II.2., Increase Focus on Prevention Initiatives. The proposed contract will also promote Goal III, Realize Tomorrow's Government Today by pursuing Strategy III.2.3, Support implementation of technological enhancements and acquisitions that increase efficiency.

FISCAL IMPACT/FINANCING

The annual cost for this agreement is \$82,480 for both Jesse Owens Park and the Whittier Aquatic Center and the total amount for the five-year term is \$449,400 in Fiscal Year (FY) 2023-24. In addition, the Department will incur a one-time cost of \$37,000 to upgrade the existing wireless network at Jesse Owens Park.

OPERATING BUDGET IMPACT

Based on the recommended actions, the Department's Operating Budget has sufficient funding for the one-time costs of \$37,000 and ongoing operating costs of \$82,480. The approved FY 2022-23 funding request for the Greater Whittier Regional Aquatic Center includes ongoing funding for the maintenance of the DDS. The Department will submit a funding request to the Chief Executive Office for the maintenance of a DDS for the San Gabriel Valley Aquatic Center in the FY 2024-25 Recommended Budget.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

AngelEye Technologies, Inc., is the sole proprietor for the DDS. The DDS functions assist lifeguards by providing the full benefits of an advanced software algorithm to facilitate the monitoring, detection, and notification of potential submersion incidents at equipped County Pools.

The DDS was installed at the pool at Jesse Owens Park in 2017 and has been successful in assisting lifeguards in providing exceptional safety for over 95,000 swimmers during a wide variety of swim programs. The DDS was initially installed as part of a pilot program, which consisted of a 90-day testing period. During the 90-day testing period, staff conducted functionality tests and operational trainings. As a result, staff found a significant decrease in drowning detection response times. Initial testing provided for an average drowning detection response time of eight seconds, which was reduced to three seconds at the conclusion of the testing period. The decrease in response time was directly attributed to the DDS.

The Design-Build Request for Proposal solicitation documents for the Whittier Aquatic Center and San Gabriel Valley Aquatic Centers included specifications for the DDS and were processed in accordance with standard County solicitation practices.

On March 31, 2020, your Board approved a 30-year ground lease with the Whittier Union High School District for the construction of the Whittier Aquatic Center located at 8028 Pioneer Boulevard, Whittier, in the incorporated Los Angeles County community of West Whittier-Los Nietos. The Whittier Aquatic Center has an Olympic-size competition pool and a practice pool, both of which are equipped with the DDS. Furthermore, on August 4, 2020, your Board approved a Motion for the creation of the San Gabriel Valley Aquatic Center. The San Gabriel Valley Aquatic Center will also include Olympic-size competition pool and a practice pool, both of which have been designed to be equipped with the DDS.

The Whittier Aquatic Center was completed in October 2022 and includes at no cost to the County, a one-year DDS service warranty that expires on October 31, 2023. The San Gabriel Valley Aquatic Center has a completion date of December 2024 and also has at no cost to the County, a one-year DDS service warranty that expires December 31, 2025.

The Contract includes all County required provisions, including Jury Service, Safely Surrendered Baby Law, Zero Tolerance Policy on Human Trafficking, Fair Chance Employment Practices, the County Policy of Equity, Counterparts and Electronic Signatures and Representations, Direct Deposit or Electronic Funds Transfers, and updated Indemnification and Insurance provisions.

The CEO's Risk Management Office has approved the insurance coverage, indemnification and liability provisions included in the Contract.

County Counsel has approved the Contract as to form.

ENVIRONMENTAL DOCUMENTATION

The recommended actions are not subject to the California Environmental Quality Act (CEQA) because they are activities that are excluded from the definition of a project by section 21065 of the Public Resources Code and Section 15378(b) of the State CEQA Guidelines. The proposed action to approve the software maintenance, hardware maintenance, and on-going technical support is an organizational or administrative activity of government which will not result in direct or indirect physical changes to the environment.

CONTRACTING PROCESS

In accordance with Board Policy No. 5.100 (Sole Source Contracts), the Department sent the Board a Notice of Intention to Negotiate a Sole Source Contract (Attachment I) with AngelEye Technologies, Inc. on October 11, 2022. The required Sole Source Checklist (Attachment II) identifying and justifying the need for a sole source agreement has been approved by the CEO.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

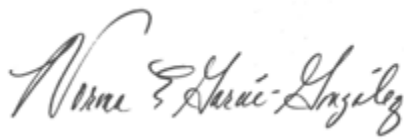
Approval of these actions will further enhance the County's goal in preventive safety measures to a wide variety of swim programs. There are no anticipated impacts to the current public services and/or projects associated with the proposed action. These services are currently being provided under a sole source purchase order which is scheduled to expire on December 31, 2023.

CONCLUSION

It is requested that three adopted copies of the action taken by your Board be forwarded to the Department.

Should you have any questions please contact Mr. Dennis Morelos at (626) 588-5260 or via email at dmorelos@parks.lacounty.gov, Mr. Ruben Lopez at (626) 588-5278 or via email at rlopez@parks.lacounty.gov, or Ms. Astrid Ochoa at (626) 588-5355 or via email at aochoa2@parks.lacounty.gov.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Norma E. García-González". The signature is fluid and cursive, with the first name "Norma" being the most prominent.

Norma E. García-González
Director

NEGG:AB:MR

RL:DM:AR:rc

Enclosure

c: Chief Executive Officer
County Counsel
Executive Officer, Board of Supervisors



COUNTY OF LOS ANGELES
DEPARTMENT OF PARKS AND RECREATION
"Parks Make Life Better!"

Norma E. García-González, Director

Alina Bokde, Chief Deputy Director

October 11, 2022

TO: Supervisor Holly J. Mitchell, Chair
Supervisor Hilda L. Solis
Supervisor Sheila Kuehl
Supervisor Janice Hahn
Supervisor Kathryn Barger

FROM: Norma E. García-González

SUBJECT: **NOTIFICATION OF INTENT TO NEGOTIATE A SOLE SOURCE AGREEMENT WITH ANGELEYE TECHNOLOGIES, INC.**

The purpose of this memorandum is to comply with Board Policy 5.100, Sole Source Contracts, regarding contracting policy requirements for sole source contracts. The County of Los Angeles Department of Parks and Recreation (DPR) intends to enter into negotiations for a new sole source contract with AngelEye Technologies, Inc. (AngelEye) to provide software maintenance and on-going technical support for the AngelEye Lifeguard Drowning Detection System (AngelEye LifeGuard) at Jesse Owens Community Regional Park, the Whittier Aquatic Center, and the future San Gabriel Valley Aquatic Center (collectively, County Pools).

BACKGROUND

The AngelEye LifeGuard is a complete hardware and software package designed specifically for public and other intensive-use pools. AngelEye LifeGuard incorporates proprietary underwater and aerial cameras designed specifically to work with proprietary software to construct a 3-D model of the pool bottom and water surface. AngelEye software uses artificial intelligence to analyze the computer model to recognize swimmers in distress and identify their exact position. AngelEye LifeGuard then generates an audible alarm inside the facility office and notifies all lifesaving staff via wearable technology, such as handheld devices and watches. The notification pinpoints the exact location of the anomaly within the pool and requires manual confirmation from staff to clear any alarms. The system is designed to overcome common challenges that influence pool safety such as shadows, glare, reflection, noise, and distractions from poolside visitors. AngelEye LifeGuard, in conjunction with our highly trained lifesaving staff, provides the highest level of safety currently available using industry leading software and hardware.

DPR operates and maintains Jesse Owens Community Regional Park (Jesse Owens Park) in South Los Angeles. The AngelEye Lifeguard was installed at the pool at Jesse Owens Park in 2017 and has been successful in assisting lifeguards in providing exceptional safety for our swimmers. AngelEye Lifeguard was initially installed as part of a pilot program, which consisted of a 90-day testing period. During the 90-day testing period, staff conducted functionality tests and operational trainings. As a result, staff found a significant decrease in drowning detection response times. Initial testing provided for an average drowning detection response time of eight seconds, which was reduced to three seconds at the conclusion of the testing period. The decrease in response time was directly attributed to AngelEye LifeGuard.

Additionally, on March 31, 2020, your Board approved a 30-year ground lease with the Whittier Union High School District for the construction of the Whittier Aquatic Center located at 8028 Pioneer Boulevard, Whittier, in the incorporated Los Angeles County community of West Whittier-Los Nietos. The Aquatic Center will be completed in the Fall 2022. The Whittier Aquatic Center has an Olympic-size competition pool and a practice pool, both of which are equipped with the AngelEye LifeGuard. Furthermore, on August 4, 2020, your Board approved a Motion for the creation of the San Gabriel Valley Aquatic Center. The San Gabriel Valley Aquatic Center will also include an Olympic-size competition pool and a practice pool, both of which have been designed to be equipped with the AngelEye LifeGuard. The Design-Build Request for Proposal solicitation documents for the Whittier and San Gabriel Valley Aquatic Centers included specifications for AngelEye Lifeguard and were processed in accordance with standard County solicitation practices.

SOLE SOURCE JUSTIFICATION

Negotiating a sole source contract with AngelEye to provide technical support and system maintenance, along with staff training and access to real-time video and system reporting for the existing and planned AngelEye Lifeguard at County Pools will result in the best economic benefit to the County and ensure that our constituents continue to be provided with an unparalleled safety while enjoying County Pools. DPR has spent approximately \$2 million on the installation of AngelEye LifeGuard at County Pools. Replacing the existing drowning detection system with another vendor's system would require the County to pay for the removal of the AngelEye hardware and software systems and the reinstallation of an alternate system, requiring significant construction work, including draining and closing the pools, and retraining lifesaving and maintenance staff, at an estimated cost of several hundred thousand dollars per pool. Additionally, prior to the selection of AngelEye LifeGuard, a vendor capability survey was performed against DPR-specific requirements where AngelEye capabilities exceeded other potential vendors.

Most importantly, the lives it has helped and will continue to save is incalculable. Since its installation at the Jesse Owens Park Pool in 2017, AngelEye Lifeguard has successfully assisted lifesaving staff to keep over 95,000 swimmers safe during a wide variety of swim programs.

CONCLUSION

The anticipated term for the new contract will be for five years commencing upon Board of Supervisors approval.

DPR will proceed with negotiations of a contract with AngelEye unless otherwise instructed by your Board within the next 30 days. DPR will work closely with County Counsel during the contracting process.

If you have any questions, please contact me at (626) 588-5337 or you may contact Ms. Malou Rubio, Administrative Deputy at (626) 588-5293.

NEGG:AB:MR
RL:SS:rc

c: Board of Supervisors, Executive Office (C. Zavala)
Chief Executive Officer
County Counsel
Parks Deputies (G. Duran-Medina, L. Muraida, M. Chong-Castillo, D. Gonzalez, S. Nemer)

SOLE SOURCE CHECKLIST

Department Name: _____

- ☐ New Sole Source Contract
- ☐ Sole Source Amendment to Existing Contract
- Date Existing Contract First Approved: _____

Check (✓)	JUSTIFICATION FOR SOLE SOURCE CONTRACTS AND AMENDMENTS Identify applicable justification and provide documentation for each checked item.
	➤ Only one bona fide source (monopoly) for the service exists; performance and price competition are not available. A monopoly is an <i>"Exclusive control of the supply of any service in a given market. If more than one source in a given market exists, a monopoly does not exist."</i>
	➤ Compliance with applicable statutory and/or regulatory provisions.
	➤ Compliance with State and/or federal programmatic requirements.
	➤ Services provided by other public or County-related entities.
	➤ Services are needed to address an emergent or related time-sensitive need.
	➤ The service provider(s) is required under the provisions of a grant or regulatory requirement.
	➤ Services are needed during the time period required to complete a solicitation for replacement services; provided services are needed for no more than 12 months from the expiration of an existing contract which has no available option periods.
	➤ Maintenance and support services are needed for an existing solution/system during the time to complete a solicitation for a new replacement solution/system; provided the services are needed for no more than 24 months from the expiration of an existing maintenance and support contract which has no available option periods.
	➤ Maintenance service agreements exist on equipment which must be serviced by the original equipment manufacturer or an authorized service representative.
	➤ It is more cost-effective to obtain services by exercising an option under an existing contract.
	➤ It is in the best economic interest of the County (e.g., significant costs and time to replace an existing system or infrastructure, administrative cost and time savings and excessive learning curve for a new service provider, etc.). In such cases, departments must demonstrate due diligence in qualifying the cost-savings or cost-avoidance associated with the best economic interest of the County.



Chief Executive Office

Date