

# CITY OF LOS ANGELES

CALIFORNIA



Workforce *Development* Board  
City of *Los Angeles*

Workforce Development Board  
CHARLES WOO  
CHAIR



ERIC GARCETTI  
MAYOR



Economic and Workforce  
Development Department  
JAN PERRY  
GENERAL MANAGER

October 27, 2016

Council File No.: 16-0475  
Council District Nos.: All  
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The Honorable Eric Garcetti  
Mayor, City of Los Angeles  
Room 303, City Hall

City Council  
c/o City Clerk  
Room 395, City Hall

Attention: Mandy Morales, Legislative Coordinator

## **COMMITTEE TRANSMITTAL: AUTHORIZATION TO AWARD A CONTRACT ON A SOLE-SOURCE BASIS TO THE LOS ANGELES COMMUNITY COLLEGE DISTRICT FOR THE PURPOSES OF PROVIDING TRAINING SERVICES**

### **RECOMMENDATIONS**

The General Manager of the Economic and Workforce Development Department (EWDD) and the Chair of the Workforce Development Board (WDB) respectfully request that the Mayor and City Council:

1. AUTHORIZE the General Manager of the EWDD, or designee, to award a Contract on a sole-source basis to the Los Angeles Community College District (LACCD) to provide sector-based vocational training in high-demand industry sectors for the City's WorkSource Center (WSC) participants;
2. AUTHORIZE the General Manager of the EWDD, or designee, to negotiate and enter into an agreement, and/or amendments thereto, with the LACCD, with funding not to exceed \$300,000, for the period of twelve (12) months, effective October 1, 2016 through September 30, 2017, subject to review and approval of the City Attorney as to form and legality;
3. APPROVE the allocation of \$300,000 in Workforce Innovation and Opportunity Act (WIOA) funds for LACCD to provide employment and/or training services in sector-based and Unmanned Aerial Vehicle (UAV or "drone") technologies as follows:

Employment Sector	Campus	Service Area	Funding Amount
Information Technology/UAV Technology	LACCD/East Los Angeles College (ELAC)	Citywide	\$300,000

4. AUTHORIZE the General Manager of EWDD, or designee, to prepare Controller's instructions needed to implement actions approved by the Mayor and City Council on matters presented in or deriving from this transmittal, and/or make necessary technical adjustments, subject to review by the City Administrative Officer and instruct the Controller to implement these instructions.

### WDB ACTION

In compliance with the City Workforce Development Board (WDB) - Local Elected Official (LEO) agreement, the acceptance of funds by the EWDD for any workforce development grant in excess of \$250,000 is subject to the approval of the WDB, the Mayor, and City Council.

On September 21, 2016, the WDB held an Executive Committee meeting and approved the EWDD's recommendation to allocate and expend \$300,000 in Workforce Innovation and Opportunity Act (WIOA) Funds.

### FISCAL IMPACT

There is no negative impact on the General Fund as a result of these actions. All activities will be funded through Workforce Innovation and Opportunity Act funds. Recommendations contained herein provide full cost recovery for all related costs.

### BACKGROUND

On March 17, 2016, the EWDD released to its currently contracted WSCs the "Workforce Initiatives -- Request for Interest to Provide Employment Services to the Re-Entry Population; and/or Sector-Based Training to Adults and Dislocated Workers" (RFI). The purpose of the RFI was to solicit responses that focused on the following:

- a) entities with experience in providing workforce services to individuals returning from incarceration (re-entry); and
- b) entities to provide enhanced training services for WDB-identified rising industry sectors such as Healthcare, Advanced Manufacturing, Information Technology, Biotechnology/Biosciences, Construction, and Logistics/Trade.

The EWDD awarded \$750,000 in contracts to successful re-entry applicants to provide services to a total of 100 participants from the South Los Angeles, Central/East Los Angeles and East Valley areas.

The sector-based training portion of the RFI however garnered only one proposal, for the Healthcare segment, and that proposal was awarded a contract. The EWDD did not receive proposals for the Advanced Manufacturing, Information Technology,

Biotechnology/Biosciences, Construction and Logistics/Trade portions of the RFI, therefore, monies available for those projects were left unexpended.

Due to the lack of proposals received for sector training initiatives, the EWDD proposes to allocate \$300,000 in WIOA funds, on a sole-source basis, to the LACCD to expand its job training for low-income and unemployed residents. This funding will support an innovative partnership between the LACCD and the Tesla Foundation to develop a pilot training initiative in Unmanned Aerial Vehicles at the ELAC campus.

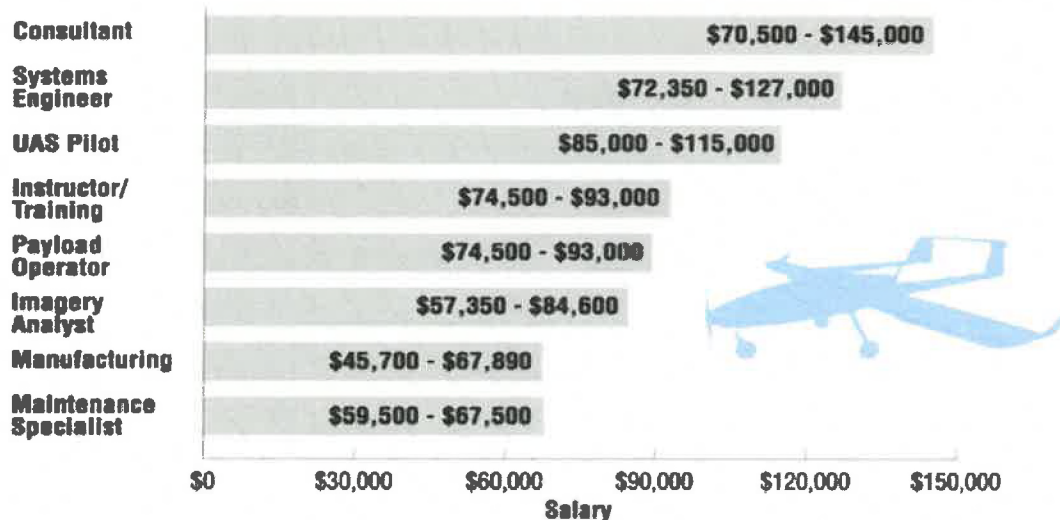
### Unmanned Aerial Vehicle Technology Initiative

Unmanned Aerial Vehicles (UAV), are aircraft with no human pilot onboard. The UAV can be controlled either by a pilot on the ground operating the aircraft remotely or by an onboard computer or robot operating the aircraft autonomously. According to a 2013 report by the Association for Unmanned Vehicle Systems International (a group representing 7,500 individual members and 600 corporations), Federal Aviation Administration (FAA) approval of commercial drones could lead to the creation of 70,000 new U.S. jobs tied to the UAV industry within the next three years, which is an attainment of an economic impact valued at \$82 billion by 2015 and the creation of 100,000 new U.S. jobs by 2015.

The commercial impact of UAV's in the future will be particularly significant, and there will be a need for workers who can build, pilot, and monitor these drones. The chart below illustrates the diversity of career pathways that are projected to develop as a result of this emerging sector.

### **Unmanned aircraft systems job potential**

The drone industry has the potential to create more than 70,000 new jobs, including more than 34,000 in manufacturing, nationwide in the first three years. The jobs will be high-paying and require technical degrees.



Source: Association for Unmanned Vehicle Systems International (AUVSI)

### Overview of the Pilot Unmanned Aerial Vehicle Technology Initiative

The UAV training program will be a comprehensive training program to provide a minimum of 75 WSC participants with the skills and knowledge required by current industry employers. The program will include both short-term training and internship opportunities leading to competitive employment. Participants will be recruited from the City's 17 WSCs.

Short-Term Training

Participants will attend a series of short-term training modules that will develop their awareness of industry trends, expand their capability on their use of drone-related control panels, and increase their knowledge of basic (and advanced) technologies that accompany such units, including real-time video display. These training modules will also give participants a broader understanding on the types of skills and knowledge that are currently required by hiring managers and how out-of-the-box thinking on how drones and unmanned vehicles can and will revolutionize many manual and automated activities in an array of industries.

Internships

Participants will be matched with participating employers that have been identified as appropriate locations for on-site learning activities. These internships will vary in length in order to accommodate the special requirements of project participants and to allow participating companies the ability to provide focused mentorship and guidance.

Job Placement

In partnership with the City's WSC system, ELAC and the Tesla Foundation will assist participants who successfully complete the training and internship phases in gaining entry into the workforce. Where applicable, participants will attend work-readiness seminars at ELAC that will prepare them for success in the workplace and give them the necessary soft-skills often expected within a high-performing workplace.

Participating Employers

The ELAC and the Tesla Foundation will work with a total of 43 employers to develop the UAV pilot project. Employers will participate in the development of the training curriculum, internships for participants, and job placements. The following table includes a list of participating employers:

Action Drones	Drone for Hire	ProSight
Advanced Transportation Center	Dronefleet	Samy's Camera
AEE Technology	Dronelaw	Sky Borne
Airvison Plus	Embry-Riddle	Sky Guardian
AOPA Pilot	Flyspan	Skyantics
B & W International	Follower UAV	Team Novak
Build It Workspace	Fox Fury	Thunder Drone
Buywondertech	Gowdy Brothers	TT Aviation
Cal Unmanned	Hoodman Corp	UAV Systems Association
Charterlayachts	Itelite Drones	United Drone Academy
CineDrones	Nanoflowx	Uvinco
CTRL.ME	Oaxa.biz	Women in Aviation
Drone Babe	One Zero Digital Media	
Drone Educators Group	Poms & Associates	



JAN PERRY  
General Manager



CHARLES WOO  
Workforce Development Board  
Chair