

## TRANSMITTAL

To: **THE COUNCIL**

Date: **09/12/19**

From: **THE MAYOR**

TRANSMITTED FOR YOUR CONSIDERATION. PLEASE SEE ATTACHED.

A handwritten signature in blue ink, appearing to be 'Eric Garcetti', is written over the printed name.

(Ana Guerrero) for

**ERIC GARCETTI**  
Mayor

# LOS ANGELES POLICE COMMISSION

**BOARD OF  
POLICE COMMISSIONERS**

EILEEN M. DECKER  
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SHANE MURPHY GOLDSMITH  
VICE PRESIDENT

DALE BONNER  
SANDRA FIGUEROA-VILLA  
STEVE SOBOROFF

MARIA SILVA  
COMMISSION EXECUTIVE ASSISTANT II



ERIC GARCETTI  
MAYOR

RICHARD M. TEFANK  
EXECUTIVE DIRECTOR

MARK P. SMITH  
INSPECTOR GENERAL

EXECUTIVE OFFICE  
POLICE ADMINISTRATION BUILDING  
100 WEST FIRST STREET, SUITE 134  
LOS ANGELES, CA 90012-4112

(213) 236-1400 PHONE  
(213) 236-1410 FAX  
(213) 236-1440 TDD

September 11, 2019

BPC #19-0238

The Honorable Eric Garcetti  
Mayor, City of Los Angeles  
City Hall, Room 303  
Los Angeles, California 90012

Attention Heleen Ramirez

Dear Honorable Mayor:

RE: MONETARY DONATION IN THE AMOUNT OF \$5,350,000.00 FROM THE LOS ANGELES POLICE FOUNDATION, TO BE USED TO FUND SIX INFORMATION TECHNOLOGY PROJECTS AND TESTING EQUIPMENT THAT WILL SUPPORT THE LOS ANGELES POLICE DEPARTMENT'S WORKFORCE AND PUBLIC.

At the regular meeting of the Board of Police Commissioners held Tuesday, September 10, 2019, the Board RECEIVED the Department's report relative to the above matter.

The Board requests, subject to your approval, that this matter be forwarded to City Council for their approval.

Respectfully,

BOARD OF POLICE COMMISSIONERS

  
REBECCA M. MUNOZ  
Commission Executive Assistant I

Attachment

c: Chief of Police  
ASB

BPC: 19-0238

RECEIVED

INTRADEPARTMENTAL CORRESPONDENCE

SEP 05 2019

POLICE COMMISSION

September 10, 2019  
1.10

TO: The Honorable Board of Police Commissioners

FROM: Chief of Police

REVIEWED  
*[Signature]*  
RICHARD M. TEFAK  
EXECUTIVE DIRECTOR  
9-5-19  
DWE

SUBJECT: APPROVAL OF NON-MONETARY DONATION

RECOMMENDED ACTION

1. That the Board of Police Commissioners APPROVE the Department's Report and TRANSMIT to the Mayor and City Council for ACCEPTANCE of the donation in the amount \$5,350,000.00 for Information Technology Group.

DONOR INFORMATION:

ITEMS:

VALUE:

Los Angeles Police Foundation (#237-19) Ms. Dana Katz, Executive Director 633 West 5 <sup>th</sup> Street, Suite 960 (#238-19) Los Angeles, California 90071 (213) 489-4636	Six technology projects  Samsung Docking Stations & Solid State Drives	\$5,000,000.00  \$350,000.00
	<b>TOTAL</b>	<b>\$5,350,000.00</b>

DISCUSSION

The donation is for the benefit of Information Technology Group. Approval of this grant will fund six projects that are to be tested or created to deliver important services and capabilities to support the Los Angeles Police Department's (Department) workforce and the public. These strategic projects include the development and deploying of:

1. Installing the first phase of Wi-fi at Department Area stations. Currently, there is limited, if any, City-supported Wi-Fi capabilities at Department facilities.
2. Updating 1,800 cellular long-term evolution modems in patrol cars. Due to technology advancing, the current modems are no longer supported, and the availability of the products are diminishing.
3. The deployment of Motorola PremiereOne Computer Aided Dispatch (CAD) handheld application for smartphones to a test group. This will allow officers to access calls for service assigned to them or to check for wants or warrants on a person or vehicle from their cellular device. The Department's CAD system is at the end of its lifecycle and is in the process of being replaced.
4. Building a new internal website to be the go-to place for applications, services, data, and information.

5. A new crime analysis and mapping system for COMPSTAT and Department personnel, that will be accessible via mobile devices.
6. Field deployment of four contracted staff members to augment the IT Help Desk. The Department has 13,000 computers that are supported by an IT Help Desk that is severely understaffed. By augmenting the Help Desk staff, the Department could deliver more timely and effective IT assistance.

This donation will also support the testing of deploying 500 Samsung DeX docking stations at Area patrol stations. DeX docking stations will allow officers to use their Department issued smartphone via applications, a keyboard, mouse, and monitor to start and complete Department reports and other administrative tasks. This will also assist the Department with lowering its dependency on desktop computers.

No expressed or implied commitments or promises were made to the donor or representatives of the donor. The donor will not receive any preferential treatment, endorsement, or recommendation, and the donor is not allowed the use of any Department patents.

Administrative Services Bureau has reviewed the donation and determined that it has been submitted in accordance with Section 5.467 et seq. of the Los Angeles Administrative Code, which provides for the receipt and acceptance of donations to the Department.

If you have any questions, please contact Commander John McMahon, Commanding Officer, Information Technology Group, at (213) 486-0370.

Respectfully,



MICHEL R. MOORE  
Chief of Police

#237-19

633 West 5<sup>th</sup> St., Suite 960, Los Angeles, CA 90071  
Phone: (213) 489-4636  
Fax: (213) 489-4697  
tracy@supportlapd.org

**Los Angeles Police  
Foundation**

# Fax

<b>To:</b> ASB	<b>From:</b> Tracy Szpeinski
<b>Fax:</b> 213-485-8125	<b>Pages:</b> 10 (includes Cover)
<b>Phone:</b> 213-485-3277	<b>Date:</b> September 4, 2019
<b>Re:</b> Grant Request #2019-082	<b>CC:</b>

Attached is the latest grant request.

**Grant Application received:** August 30, 2019  
**Grant Received from:** Information Technology Bureau  
**Contact:** Peter Marx or Sergeant II Robert Bean  
**Phone #:** (213) 486-1370  
**Grant Name:** Strategic Technology Plan- Phase One  
**Grant Amount:** \$5,000,000

Please e-mail this information to Administrative Services Bureau  
or if you have any questions, please contact us at 213-486-7060.  
Thank you.

**RECEIVED**  
SEP 04 2019  
ADMINISTRATIVE  
SERVICES BUREAU



## 2019 GRANT APPLICATION

Grant Number 2019 - 082 (office use only)

Date: August 27, 2019

Amount Requested: \$ 5,000,000.00

Contact Name(s): Mr. Peter Marx and/or Sergeant II Robert Bean, Serial No. 37151

Department/Unit: Los Angeles Police Department, Information Technology Group (ITG)

Mailing Address: 100 W. 1<sup>st</sup> Street, Suite 842 Los Angeles, California 90012

Phone Number: (213) 486-1370

Fax Number: (213) 486-5273

E-mail Address: marp@lapd.net and/or rbean@lapd.net

Name of Program/Equipment requesting funding for: ITG - Strategic Technology Plan-Phase One

**Provide a brief description and the need for the program/equipment (use additional paper if needed):**

*The Los Angeles Police Department (Department) has led public safety innovations in the use of canines, helicopters, handheld radios, body cameras and has historically been a leader in exploring and leveraging new technology in field operations. Despite this history, the Department has fallen behind in the efficient and innovative use of emergent digital technologies.*

*The Department now carries a large technical deficit that is holding back the potential of our officers. Our personnel currently use outdated computers, rely on communication equipment that is beyond life expectancy, and are forced to maintain systems for which technical skills no longer exist on the market. The Department's core applications that allow it to function (the jail booking system, crime and arrest data system, and property management system) rely upon a mainframe database that is critically fragile, not supported, and unable to support the Department's future needs. There is virtually no ability today to innovate with modern technologies and information methodologies, much less protect against disasters, cyber intrusions, and data loss.*

*The Department is now faced with replacing nearly every system, device, and application across its information technology portfolio. These massive projects are not fully funded but are required for us to continue our mission to protect and to serve the community.*

*To assist our officers, inform our technical strategy, and expand the Department's capabilities to deliver important services, we have identified selected priority projects within the Strategic Technology Plan that are early steps in our larger long-term technology goal.*

*These strategic projects include the development and deploying of:*

1. *Installing the first phase of Wi-Fi (802.11) at Los Angeles Police Department (Department) Area stations, Metropolitan Division, Emergency Services Division – Explosive Unit, Ahmanson Recruit Training Center (ARTC), and Edward M. Davis Training Facility (DTF).*

*Currently, there is limited, if any, City-supported Wi-Fi capabilities at Department facilities. Our officers and community members who visit these facilities are dependent upon cellular signals (which oftentimes do not penetrate station walls) to connect with digital services.*

*Note: Northeast Area Community Police Station already has City supported Wi-Fi and is excluded from this project.*

2. *Updating 1,800 cellular LTE modems in patrol vehicles.*

*Communication and information systems require increasing amounts of wireless bandwidth and availability. The industry standard for delivery of bandwidth capabilities is through LTE (long-term evolution), which is marketed by cellular operators as 4G, 5G, etc. However, our patrol vehicles use CDMA 1xEVDO Sprint modems that are no longer supported, and replacement parts are increasingly difficult to acquire. Additionally, as cellular providers continue to deploy LTE (4G, 5G, etc.), the availability and support for CDMA and 1xEVDO is diminishing.*

3. *Deploying the Motorola PremiereOne Computer Aided Dispatch (CAD) handheld app for smartphones to a test group.*

*The Department's CAD system is at the end of its lifecycle and in the process of being replaced. As part of the modernization process, deployment of the Motorola PremiereOne CAD handheld app for smartphones would allow officers to utilize a cellular phone to access the CAD system. This technology offers unprecedented potential for Department personnel. Officers will not be dependent on their vehicles for access to calls for service assigned to them or to check for wants or warrants on a person or vehicle.*

4. *Building a new internal website to be the go-to place for applications, services, data, and information (including an improved method to search the Department Manual).*

*Our internal website is a tangled structure of links and folders that discourages and hampers the ability to research policies, procedures, and directives. It also lacks the capability to efficiently interface with web-based applications.*

5. *Implementing a new crime analysis and mapping system for COMPSTAT and Department personnel that will be accessible via mobile devices.*

*Our crime mapping system is at the end of its lifecycle and a replacement is needed to allow the Department to continue tracking and responding to crime trends. The new system would contain real-time mobile access for all users.*

6. *Field deployment of four contracted staff members to augment the IT Help Desk.*

*Our personnel and the Department's 13,000 computers are supported by an IT Help Desk that is severely understaffed and unable to support the number of requests submitted for our aging inventory of desktop computers. By augmenting the Help Desk staff, the Department could deliver more timely and effective IT assistance.*

*These strategic projects address a variety of current technological shortcomings and will serve to inform and drive our strategic technology goals.*

**Has this program/equipment previously been requested through the city budget?**     YES     NO

*If yes, please list the most recent date of submission and the result:*

- 1. Wi-Fi (802.11) across Department facilities – 2019/20 – Not Funded*
- 2. Motorola PremiereOne CAD handheld app – 2017/18 – Was funded, but funding was redistributed to cover costs associated with Police Crime and Arrest Database (PCAD)*
- 3. A new internal website – No prior request for funding*
- 4. A new crime analysis and mapping system for COMPSTAT – 2019/20 – Requested via Crime Analysis Mapping System (CAMS), partial funding was also requested through Urban Areas Security Initiative (UASI)*
- 5. Updated cellular LTE modems for use in patrol vehicles – 2019/20 – Requested but not funded*
- 6. Four staff to augment the IT help desk – Not requested in the 2019/20 budget*

**If no, please explain the reason why it was not submitted:**

*The funding for a new internal website had not been requested in the past, due to the fact our current website functions at a basic level, but as we shift personnel off paper to digital devices, we now have a need for a website to interact with digitally for web-based applications.*

*Until recently, the concept of augmenting current staffing of the Help Desk with contract work had not been a viable option. A reevaluation of how to provide proper service to our personnel discovered the need to augment our current IT support staff.*

**What objectives will be accomplished if the funding is granted?**

*We look to accomplish the following goals and desired outcomes with this grant:*

- 1. First Phase of Wi-Fi across Department facilities*

*Unlocking the internet will allow officers the ability to use mobile devices while in Department buildings, will allow for the Over-the-Air (OTA) updates of mobile devices, and aide the Department in transitioning from cords and plugs in the wall to a work force that can work anywhere on any screen. It will also provide community members who visit Department facilities access to the internet, access at the same level as most private business and other government facilities have done for years.*

- 2. Updated cellular LTE modems for patrol vehicles*

*The current generation of 4G modems used by the Department are past service life, no longer supported, and replacement parts are nearly impossible to locate. By upgrading to LTE modems that are NOT carrier specific, it will allow the Department to better leverage when negotiating cellular service contracts and unlock further features our 4G cellular connectivity cannot support.*

- 3. Trial of Motorola Premiere 1 CAD Handheld*

*This will allow officers the ability to utilize a cellular phone to access the CAD system. Officers will not be tied to their vehicles for access to background on calls for service assigned to them, checking of wants or warrants for persons or vehicles, and it will allow them the ability to locate each other real time via mapping, not just their last known location, or where their vehicle is park, but where the officer and their cellular phone is located.*

4. *New internal website.*

*The current Department "intra web" site is filled with links and folders that makes finding an order, policy, or directive a multistep process that requires the user to know what link or folder to begin the search in before anything can be found. The current site lacks a true search filter that performs with efficiency like a "find" or "google" search. By updating the internal website, it will allow officers to quickly locate policies, notices, and other important notifications. This new website will also serve as the landing page for Department mobile responsive web applications as they are developed.*

*Once completed, the new internal website will allow officers to interact similar to using a bank website. If they want to see what reports were sent back to them, they click on an icon that takes them to the "kickbacks," want to know crime trends so you can efficiently use your spare time, click the icon. The breakthrough to this site will be the accessibility via cellular device. Should an officer needs something for court, they can access it there in the court room. Need to update a crime report, you can meet the victim, open the report via the website on your cellular device, make the amendment. The new internal website is lynchpin to increasing the efficiency of our officers.*

5. *New crime analysis and mapping system for COMPSTAT.*

*The Department's COMPSTAT is an industry standard used around the county by other law enforcement agency and now being explored by other City partners for use in tracking and gauging performance. Our current crime tracking, analysis and mapping system is past life expectancy and must be replaced. The new system will allow additional functions not currently available and will support a mobile responsive feature that will allow officers, supervisors and command staff access to information and data not currently available in the field.*

6. *Four staff to augment the IT Help Desk with field work.*

*Currently the Department has less than six personnel assigned to the Help Desk – Field Support Team. These individuals support the Department's 13,000+ computers location across the City in 21 Area stations and numerous offsite buildings. With adding 4 contract service workers to augment the IT Help Desk, each station would be visited on average once every 10 days, regardless of help tickets. These four-contract staff would walk the station and address any current IT issues officers and personnel are experiencing, drastically cutting down on the response time to Help Tickets. They would also assist on rolling out future updates and upgrades that will involve personnel going out to physically touch each computer workstation.*

**How many officers will be impacted with this grant?**

*The projects listed in this grant request will impact the Department's 13,000+ personnel along with generations of officers to come as it will be the first step to truly moving the Department into the 21<sup>st</sup> century of policing.*

**How will the community be impacted by this grant?**

*Each of these projects is aimed at key points to assist officers with administrative functions of their jobs. By decreasing the amount of time an officer is required to spend on administrative functions, it increases the amount of time they have for interacting with the community and preventing crime. Additionally, with the use of cellular devices to respond, report, and document incidents, it will allow for quicker response times, more accurate reporting, and again allow officers more time to spend assisting community members when they contact the police for assistance.*

**Describe the short-term outcome and long-term impact you anticipate within the Department and in the community, it serves as result of this grant.**

*The short-term outcome is a workforce of police officers better able to address and interact with the community. Our citizen watch television shows, movies and may have already had contact with other agencies that have leveraged technology to streamline reporting process. Then when they contact the LAPD, a police officer responds, completes a paper report with a pen or pencil after asking them the who, what, when, where, why, and how several times over to ensure they took good notes. This officer return to a desk at the station to write the report along with several other reports from the day, possibly for several hours.*

*Providing the officers with a connected cellular device in both the station and field will allow them to quickly respond to a call for service while accessing information and databases outside of their vehicles. They can meet, interview, document, and later review the report via the same device, then submitting it for review from the field or station. This will streamline processes and unlock time currently spent at a desk, waiting for Watch Commander's review of paper reports, and duplication and filing of paper reports.*

*The long-term impact is that officers will be able to use victims' actual words to capture reporting information. The entire report for most incidents could be captured and completed at scene. The Department's reliance on desktop computers and funding for lifecycle replacement of desktops will be decreased. allowing those funds to assist with other projects. The interior of police vehicles will become more open and uncluttered, with officers using cellular devices via Samsung DeX dock or in hand, to respond to calls, check for want/warrant, complete tickets and reports, which allows officers the ability to do their job anywhere, anytime, from virtually any screen.*

**How can the Foundation evaluate success if the funding is granted? (# of people served, objectives reached, surveys, etc.)**

*Success can be evaluated several ways on these programs. The first and easiest would be a survey of personnel satisfaction and feelings about working conditions regarding IT before and after. Second, the Department is exploring the use of analytics to better understand how our workforce uses the connected devices provided to them. An evaluation of how Wi-Fi, cellular devices, and websites are interacted with before and after this grant would provide a measurement to evaluate success.*

**Please list or attach an itemized list for expenses or a quote from equipment manufacturer on vendor's letterhead.**

Project Items	Subtotal (\$)
Wi-Fi	791,666.67
CAD Handheld App Selected vendor - <b>Motorola</b>	1,041,666.67
LTE Modems	1,041,666.67
CAMS II	791,666.66
LAPD App	541,666.66
Help Desk	791,666.67
<b>Total</b>	<b>5,000,000</b>

Has your commanding officer approved this request?  YES  NO

Name of commanding officer: Commander John McMahon, Commanding Officer, Information Technology Group

Signature of commanding officer:  \_\_\_\_\_

For questions, comments, or concerns, contact Tracy Szepeinski at (213) 489-4636 or email [tracy@lapolicefoundation.org](mailto:tracy@lapolicefoundation.org)

# 237-19

GRANTS #84

OFFICIAL CORRESPONDENCE REVIEW

RECEIVED  
8/30/19  
[Signature]

INITIATED BY: Information Technology Group		August 22, 2019	
STAFF OFFICER ASSIGNED: (NAME, BUREAU OR DIVISION, PHONE EXTENSION, ETC.)			
Sergeant Bob Bean (213) 486-0370			
SUBJECT: ITG STRATEGIC TECHNOLOGY PLAN PHASE 1 – LAPF GRANT			
ATTN	REVIEWED BY:	ATTN	REVIEWED BY:
5	CHIEF OF POLICE [Signature] 8-3079	2 [Signature]	OFFICE OF THE CHIEF OF POLICE, ADMINISTRATIVE SECTION [Signature] 8/22/19
[Signature]	FISCAL OPERATIONS DIVISION/GRANTS	3 [Signature]	CHIEF OF STAFF
[Signature]	INFORMATION TECHNOLOGY GROUP		

**HOTI**

**Please call Sergeant Bean at (213) 486-0370 or (661) 433-6551 to hand-carry**

RECEIVED  
AUG 22 2019  
OFFICE OF THE CHIEF OF POLICE

#2620  
RECEIVED-3  
AUG 22 2019  
OFFICE OF THE CHIEF OF POLICE

#1193  
RECEIVED  
SEP 04 2019  
ADMINISTRATIVE SERVICES BUREAU

RECEIVED  
AUG 22 2019  
Chief of Staff

## INTRADEPARTMENTAL CORRESPONDENCE

August 29, 2019

1.17

**TO:** Chief of Police

**FROM:** Commanding Officer, Information Technology Group

**SUBJECT:** LOS ANGELES POLICE FOUNDATION GRANT REQUEST  
- RESTRICTED ACCOUNT, INFORMATION TECHNOLOGY  
GROUP'S STRATEGIC TECHNOLOGY PLAN – PHASE ONE GRANT

It is requested that Information Technology Group (ITG) be approved for the Strategic Technology Plan – Phase One grant. Approval of this grant will fund six projects that are to be tested or created to deliver important services and capabilities to support our increasingly digitally driven workforce and public. These six projects are:

1. Installing the first phase of Wi-Fi (802.11) at Los Angeles Police Department (Department) Area stations, Metropolitan Division, Emergency Services Division – Explosive Unit, Ahmanson Recruit Training Center (ARTC), and Edward M. Davis Training Facility (DTF).

Currently, there is limited City-supported Wi-Fi capabilities at Department facilities. Our officers and community members who visit these facilities are dependent upon cellular signals (which oftentimes do not penetrate station walls) to connect with digital services.

**Note:** Northeast Area Community Police Station already has City supported Wi-Fi and is excluded from this project.

2. Updating 1,800 cellular LTE modems in patrol vehicles.

Communication and information systems require increasing amounts of wireless bandwidth and availability. The industry standard for delivery of bandwidth capabilities is through LTE (long-term evolution), which is marketed by cellular operators as 4G, 5G, etc. However, our patrol vehicles use CDMA 1xEVDO Sprint modems that are no longer supported, and replacement parts are increasingly difficult to acquire. Additionally, as cellular providers continue to deploy LTE (4G, 5G, etc.), the availability and support for CDMA and 1xEVDO is diminishing.

3. Deploying the Motorola PremiereOne Computer Aided Dispatch (CAD) handheld app for smartphones to a test group.

The Department's CAD system is at the end of its lifecycle and in the process of being replaced. As part of the modernization process, deployment of the Motorola PremiereOne CAD handheld app for smartphones would allow officers to utilize a cellular phone to access the CAD system. This technology offers unprecedented potential for Department personnel. Officers will not be dependent on their vehicles for access to calls for service assigned to them or to check for wants or warrants on a person or vehicle.

4. Building a new internal website to be the go-to place for applications, services, data, and information (including an improved method to search the Department Manual).

Our internal website is a tangled structure of links and folders that discourages and hampers the ability to research policies, procedures, and directives. It also lacks the capability to efficiently interface with web-based applications.

5. Implementing a new crime analysis and mapping system for COMPSTAT and Department personnel that will be accessible via mobile devices.

Our crime mapping system is at the end of its lifecycle and a replacement is needed to allow the Department to continue tracking and responding to crime trends. The new system would contain real-time mobile access for all users.

6. Field deployment of four contracted staff members to augment the IT Help Desk.

Our personnel and the Department's 13,000 computers are supported by an IT Help Desk that is severely understaffed and unable to support the number of requests submitted for our aging inventory of desktop computers. By augmenting the Help Desk staff, the Department could deliver more timely and effective IT assistance.

These six projects have been selected by ITG for Phase One since the Department is well-positioned to implement them, while maintaining focus on the long-term Strategic Technology Modernization Plan. Phase One will be highly tangible and important to our officers as the initiatives increase their capabilities, mobility, and overall access to Department resources. These projects have been reviewed and approved by the City's Chief Information Officer.

Chief of Police

Page 3

1.17

Long-term funding and personnel to support most of these projects will be provided by the Department budget and ITG personnel.

If you have any questions, please contact Peter Marx, Chief Technology Advisor, Information Technology Group, at (213) 486-0370.

APPROVED:



JOHN McMAHON, Commander  
Commanding Officer  
Information Technology Group



MICHEL R. MOORE  
Chief of Police

Attachment

#238-19

633 West 5<sup>th</sup> St., Suite 960, Los Angeles, CA 90071  
Phone: (213) 489-4636  
Fax: (213) 489-4697  
tracy@supportlapd.org

**Los Angeles Police  
Foundation**

# Fax

<b>To:</b> ASB	<b>From:</b> Tracy Szepeinski
<b>Fax:</b> 213-485-8125	<b>Pages:</b> 7 (includes Cover)
<b>Phone:</b> 213-485-3277	<b>Date:</b> September 4, 2019
<b>Re:</b> Grant Request #2019-081	<b>CC:</b>

Attached is the latest grant request.

**Grant Application received:** August 30, 2019  
**Grant Received from:** Information Technology Bureau  
**Contact:** Peter Marx or Sergeant II Robert Bean  
**Phone #:** (213) 486-1370  
**Grant Name:** Strategic Technology Plan- Immediate Action  
**Grant Amount:** \$350,000

Please e-mail this information to Administrative Services Bureau  
or if you have any questions, please contact us at 213-486-7060.  
Thank you.

**RECEIVED**  
SEP 04 2019  
ADMINISTRATIVE  
SERVICES BUREAU



## 2019 GRANT APPLICATION

Grant Number 2019 - CBI (office use only)

Date: August 27, 2019

Amount Requested: \$ 350,000.00

Contact Name(s): Mr. Peter Marx and/or Sergeant II Robert Bean, Serial No. 37151

Department/Unit: Los Angeles Police Department, Information Technology Group (ITG)

Mailing Address: 100 W. 1<sup>st</sup> Street, Suite 842 Los Angeles, California 90012

Phone Number: (213) 486-1370

Fax Number: (213) 486-5273

E-mail Address: marx.p@lapd.org and/or rbean@lapd.org

Name of Program/Equipment requesting funding for: ITG - Strategic Technology Plan-Immediate Action

**Provide a brief description and the need for the program/equipment (use additional paper if needed):**

*The Los Angeles Police Department (Department) has led public safety innovations in the use of canines, helicopters, handheld radios, body cameras and has historically been a leader in exploring and leveraging new technology in field operations. Despite this history, the Department has fallen behind in the efficient and innovative use of emergent digital technologies.*

*The Department now carries a large technical debt that is holding back the potential of our officers. Our personnel currently use outdated computers, rely on communication equipment that is beyond life expectancy, and are forced to maintain systems for which technical skills no longer exist on the market. The Department's core applications that allow it to function (the jail booking system, crime and arrest data system, and property management system) rely upon a mainframe database that is critically fragile, not supported, and unable to support the Department's future needs. There is virtually no ability today to innovate with modern technologies and information methodologies, much less protect against disasters, cyber intrusions, and data loss.*

*The Department is now faced with replacing nearly every system, device, and application across its information technology portfolio. These massive projects are not fully funded but are required for us to continue our mission to protect and to serve the community.*

*To assist our officers, inform our technical strategy, and expand the Department's capabilities to deliver important services, we have identified selected priority projects within the Strategic Technology Plan that are early steps in our larger long-term technology goal.*

*These strategic projects include the development and deploying of:*

1. *Test a deployment of 500 Samsung DeX docking stations at Area patrol stations, Metropolitan Division and with officers assigned to the System-Wide Mental Assessment Response Team (SMART), and Homeless Outreach Proactive Engagement (HOPE Teams): Test a deployment of 500 Samsung DeX docking stations at Area patrol stations, Metropolitan Division and with officers assigned to the System-Wide Mental Assessment Response Team (SMART), and Homeless Outreach Proactive Engagement (HOPE Teams).*

*These DeX docking stations will allow officers to use their Los Angeles Police Department (Department) issued smartphone via applications, a keyboard, mouse, and monitor to start and complete Department reports and other administrative tasks.*

*Note: The deployment of 500 DeX docking stations will allow distribution across all Patrol areas and with the use of analytics on connected devices, will allow the Department to analysis how to best design and plan future applications and user experiences.*

2. *Purchase Solid State Drives (SSD) along with additional memory for existing Department computers.*

*By replacing the hard drives to SSD and upgrading the memory, it will allow the Department to update our oldest computer inventory, 10 to 12 years old, to the Windows 10 operating system as an interim to the life cycle replacement process and will overall, improve the users experience when utilizing a desktop computer.*

*These strategic projects address a variety of current technological shortcomings and will serve to inform and drive our strategic technology goals.*

**Has this program/equipment previously been requested through the city budget?**     YES     NO

*If yes, please list the most recent date of submission and the result:*

- *Samsung DeX – 2019/20 – Not Requested*
- *Computer upgrades (SSD and memory) – 2019/20 – Not Requested*

**If no, please explain the reason why it was not submitted:**

*Samsung DeX is an emerging technology that is just now entering the Law Enforcement profession. As such it was not requested in past city budgets.*

*The SSD and additional memory was not included in past budgets as we were exploring alternative options to update our desktop computers. As such this item was not requested.*

**What objectives will be accomplished if the funding is granted?**

*We look to accomplish the following goals and desired outcomes with this grant:*

1. *Test a deployment of Samsung DeX docking stations at Area patrol stations.*

*The DeX docking stations will allow officers to use their Department issued smartphone via applications, a keyboard, mouse, and monitor to start and complete Department reports and other administrative tasks.*

*Additionally, this project will assist the Department with lowering its dependency on desktop computers. With most of the Department's current fleet of desktop computers ranging from one to 12 years*

*old, deploying a system like Samsung DeX would allow patrol personnel to use a smartphone rather than computer, to complete the most common administrative tasks of their jobs, report writing, querying databases and checking email.*

*This test deployment would augment the Department's current computers with an additional 500 workstations, featuring 500 additional monitors, keyboards, and mice.*

**2. Purchase Solid State Drives (SSD) along with additional memory for existing Department computers.**

*By replacing the hard drives to SSD and upgrading the memory, it will allow the Department to update our oldest computer inventory, 10 to 12 years old, to the Windows 10 operating system as an interim to the life cycle replacement process and will overall, improve the users experience when utilizing a desktop computer.*

**How many officers will be impacted with this grant?**

*The projects listed in this grant request will impact the Department's 13,000+ personnel along with generations of officers to come as it will be the first step to truly moving the Department into the 21<sup>st</sup> century of policing.*

**How will the community be impacted by this grant?**

*These two projects are aimed at key points to assist officers with administrative functions of their jobs. By decreasing the amount of time an officer is required to spend on administrative functions, it increases the amount of time they have for interacting with the community and preventing crime. Additionally, with the use of Samsung DeX it is the first step to allow officers to use their cellular devices to respond, report and document incidents. It will allow for quicker response times, more accurate reporting, and again allow officers more time to spend assisting community members when they contact the police for assistance.*

**Describe the short-term outcome and long-term impact you anticipate within the Department and in the community, it serves as result of this grant.**

*The short-term outcome is a workforce of police officers better able to address and interact with the community. Our citizens watch television shows, movies and may have already had contact with other agencies that have leveraged technology to streamline reporting process. When they contact the Department, a police officer response, completes a paper report with a pen or pencil, after asking them the who, what, when, where, why and how several times over to ensure they took good notes. This officer then goes back to a desk, at the station to write this report along with several other reports from the day, for possibly several hours.*

*Providing the officers with a connected cellular device that can be docked via DeX and used to create a desktop style interface will allow them to meet, interview, document and later review the report via the same device, then submitting it for review from the field or station. This will streamline processes and unlock time currently spent at a desk, waiting for Watch Commander's review of paper reports, and duplication and filing of paper reports.*

*By upgrading the Department's current fleet of older desktop computers with SSD and increased memory, we will enable these workstations to be upgraded to Windows 10, decreasing the security risk not migrating the computer would create. These upgrades will also drastically improve the users experience when log in (boot time) and navigating applications.*

*The long-term impact is that Department's reliance on desktop computers and funding for lifecycle replacement of desktops will be decreased allowing those funds to assist with other projects. The interior of police vehicles will become more open and uncluttered, with officers using cellular devices via Samsung DeX dock or in hand, to respond to calls, check for want/warrant, complete tickets and reports, allowing officers the ability to do their job anywhere, anytime, from virtually any screen.*

**How can the Foundation evaluate success if the funding is granted? (# of people served, objectives reached, surveys, etc.)**

*Success can be evaluated several ways on these programs, the first and easiest would be a survey of personnel satisfaction and feelings about working conditions regarding IT before and after. Second, the Department is exploring the use of analytics to better understand how our workforce uses the connected devices provided to them. An evaluation of how wi-fi, cellular devices and websites are used interacted with before and after, this grant would provide a measurement to evaluate success.*

**Please list or attach an itemized list for expenses or a quote from equipment manufacturer on vendor's letterhead.**

Project Items	Subtotal
PC Upgrades (SSD and Memory)	250,000
Samsung DeX Docks	100,000
Total	\$350,000

Has your commanding officer approved this request?  YES  NO

Name of commanding officer: Commander John McMahon, Commanding Officer, Information Technology Group

Signature of commanding officer: \_\_\_\_\_



For questions, comments, or concerns, contact Tracy Szpeinski at (213) 489-4636 or email [tracy@lapolicefoundation.org](mailto:tracy@lapolicefoundation.org)

# 238-19

OFFICIAL CORRESPONDENCE REVIEW

GRANTS #85  
RECEIVED  
8/30/19  
Kw

INITIATED BY: Information Technology Group		August 22, 2019	
STAFF OFFICER ASSIGNED: (NAME, BUREAU OR DIVISION, PHONE EXTENSION, ETC.)			
Sergeant Bob Bean (213) 486-0370			
SUBJECT: ITG STRATEGIC TECHNOLOGY PLAN – IMMEDIATE ACTION LAPF GRANT			
ATTN	REVIEWED BY:	ATTN	REVIEWED BY:
5	CHIEF OF POLICE <i>[Signature]</i> 8-3079	21 <i>[Signature]</i>	OFFICE OF THE CHIEF OF POLICE, ADMINISTRATIVE SECTION 01/27/19
<i>[Signature]</i>	FISCAL OPERATIONS DIVISION/GRANTS	3 <i>[Signature]</i>	CHIEF OF STAFF
<i>[Signature]</i>	INFORMATION TECHNOLOGY GROUP		

**HOTI**

**Please call Sergeant Bean at (213) 486-0370 or (661) 433-6551 to hand-carry**

RECEIVED  
AUG 22 2019  
OFFICE OF THE CHIEF OF POLICE

#267  
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AUG 22 2019  
OFFICE OF THE  
CHIEF OF POLICE

RECEIVED

AUG 22 2019

Chief of Staff

#1192  
RECEIVED

SEP 04 2019

ADMINISTRATIVE  
SERVICES BUREAU

## INTRADEPARTMENTAL CORRESPONDENCE

August 29, 2019  
1.17

**TO:** Chief of Police

**FROM:** Commanding Officer, Information Technology Group

**SUBJECT:** LOS ANGELES POLICE FOUNDATION GRANT REQUEST  
– RESTRICTED ACCOUNT, INFORMATION TECHNOLOGY GROUP'S  
STRATEGIC TECHNOLOGY PLAN – IMMEDIATE ACTION GRANT

It is requested that Information Technology Group (ITG) be approved for the Strategic Technology Plan – Immediate Action grant. Approval of this grant will fund two projects that are to be tested and deliver important services and capabilities to support our increasingly digitally driven workforce and public. These two projects are:

1. Test a deployment of 500 Samsung DeX docking stations at Area patrol stations, Metropolitan Division and with officers assigned to the System-Wide Mental Assessment Response Team (SMART), and Homeless Outreach Proactive Engagement (HOPE Teams).

These DeX docking stations will allow officers to use their Los Angeles Police Department (Department) issued smartphone via applications, a keyboard, mouse, and monitor to start and complete Department reports and other administrative tasks.

**Note:** The deployment of 500 DeX docking stations will allow distribution across all Patrol areas and with the use of analytics on connected devices, will allow the Department to analyze how to best design and plan future applications and user experiences.

Additionally, this project will assist the Department with lowering its dependency on desktop computers. With most of the Department's current fleet of desktop computers ranging from one to 12 years old, deploying a system like Samsung DeX would allow patrol personnel to use a smartphone rather than computer, to complete the most common administrative tasks of their jobs, report writing, querying databases and checking email.

This test deployment would augment the Department's current computers with an additional 500 workstations, featuring 500 additional monitors, keyboards, and mice.

- 2. Purchase Solid State Drives (SSD) along with additional memory for existing Department computers.**

By replacing the hard drives to SSD and upgrading the memory, it will allow the Department to update our oldest computer inventory, 10 to 12 years old, to the Windows 10 operating system as an interim to the life cycle replacement process and will overall, improve the users experience when utilizing a desktop computer.

These two projects have been selected by ITG for the Immediate Action grant since the Department is well-positioned to implement them, while maintaining focus on the long-term Strategic Technology Modernization Plan. The Immediate Action grant projects will be highly tangible and important to our officers as the initiatives increase their capabilities, mobility, and overall access to Department resources. These projects have been reviewed and approved by the City's Chief Information Officer.

Long-term funding and personnel to support these projects will be provided by the Department budget and ITG personnel.

If you have any questions, please contact Peter Marx, Chief Technology Advisor, Information Technology Group, at (213) 486-0370.

**APPROVED:**



**MICHEL R. MOORE**  
Chief of Police



**JOHN McMAHON, Commander**  
Commanding Officer  
Information Technology Group

**Attachment**