



# ORANGE COUNTY FIRE AUTHORITY

## AGENDA

**BOARD OF DIRECTORS REGULAR MEETING**  
**Thursday, May 23, 2019**  
**6:00 P.M.**

**Regional Fire Operations and Training Center**  
**Board Room**  
1 Fire Authority Road  
Irvine, CA 92602

This Agenda contains a brief general description of each item to be considered. Except as otherwise provided by law, no action or discussion shall be taken on any item not appearing on the following Agenda. Unless legally privileged, all supporting documents, including staff reports, and any writings or documents provided to a majority of the Board of Directors after the posting of this agenda are available for review at the Orange County Fire Authority Regional Fire Operations & Training Center, 1 Fire Authority Road, Irvine, CA 92602 or you may contact Sherry A.F. Wentz, Clerk of the Authority, at (714) 573-6040 Monday through Thursday, and every other Friday from 8 a.m. to 5 p.m. and available online at <http://www.ocfa.org>

If you wish to speak before the Fire Authority Board, please complete a Speaker Form identifying which item(s) you wish to address. Please return the completed form to the Clerk of the Authority prior to being heard before the Board. Speaker Forms are available at the counters of both entryways of the Board Room.



In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, you should contact the Clerk of the Authority at (714) 573-6040.

### **CALL TO ORDER**

**INVOCATION** by OCFA Chaplain Jim Gwaltney

**PLEDGE OF ALLEGIANCE** by Vice Chair Hasselbrink

### **ROLL CALL**

### **1. PRESENTATIONS**

No items.



**PUBLIC COMMENTS**

Resolution No. 97-024 established rules of decorum for public meetings held by the Orange County Fire Authority. Resolution No. 97-024 is available from the Clerk of the Authority.

Any member of the public may address the Board on items within the Board's subject matter jurisdiction, but which are not listed on this agenda during PUBLIC COMMENTS. However, no action may be taken on matters that are not part of the posted agenda. We request comments made on the agenda be made at the time the item is considered and that comments be limited to three minutes per person. Please address your comments to the Board and do not engage in dialogue with individual Board Members, Authority staff, or members of the audience.

The Agenda and Minutes are now available through the Internet at [www.ocfa.org](http://www.ocfa.org). You can access upcoming agendas on the Monday before the meeting. The minutes are the official record of the meeting and are scheduled for approval at the next regular Board of Directors meeting.

**CLOSED SESSION****CS1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**

Significant exposure to litigation pursuant to subdivision (b) of Section 54956.9  
(1 Case)

**CS2. CONFERENCE WITH LEGAL COUNSEL–ANTICIPATED LITIGATION**

Authority: Government Code Section 54956.9(c) – Initiation of Litigation (1 case)

**CS3. CONFERENCE WITH LABOR NEGOTIATOR**

Chief Negotiator: Fire Chief Brian Fennessy and Deputy Chief Lori Zeller  
Employee Organizations: Unrepresented Employees  
Authority: Government Code Section 54957.6

**CS4. PUBLIC EMPLOYEE PERFORMANCE EVALUATION**

Position: Fire Chief  
Authority: Government Code Section 54954.5

**CS5. CONFERENCE WITH LABOR NEGOTIATOR**

Negotiators: Chair Joe Muller, Vice Chair Shelley Hasselbrink, and Immediate  
Past Chair Ed Sachs  
Unrepresented Employee: Fire Chief  
Authority: Government Code Section 54957.6

**CLOSED SESSION REPORT**



## **REPORTS**

### **REPORT FROM THE BUDGET AND FINANCE COMMITTEE CHAIR**

### **REPORT FROM THE HUMAN RESOURCES COMMITTEE CHAIR**

### **REPORT FROM THE FIRE CHIEF**

- Southern California Edison Pilot
- 2019 Urban Search and Rescue Multi-Task Force Mobilization Exercise “South Wind”

## **2. MINUTES**

### **A. Minutes from the April 25, 2019, Regular Meeting of the Board of Directors** Submitted by: Sherry Wentz, Clerk of the Authority

Recommended Action:  
Approve as submitted.

## **3. CONSENT CALENDAR**

### **A. Updated Cost Reimbursement Rates**

Submitted by: Jim Ruane, Assistant Chief/Logistics Department

**Budget and Finance Committee Recommendation: *APPROVE***

Recommended Action:

Approve and adopt the proposed Cost Reimbursement Rate schedules to be effective July 1, 2019.

### **B. Wildfire Awareness and Prevention Proclamation**

Submitted by: Colleen Windsor, Director of Communications

Recommended Action:  
Approve as submitted.

### **C. Amendment to Personnel and Salary Resolution**

Submitted by: Brian Fennessy, Fire Chief

Recommended Action:

Adopt the proposed amendment to Part 3, Article 1, Section 8 (Authority Issued Vehicles and Cash in Lieu Allowance Policy) and Appendix B (Administrative Management Classifications) of the Personnel and Salary Resolution.



**D. Irvine Settlement Agreement 115 Trust**Submitted by: Lori Zeller, Deputy Chief/Administration & Support BureauRecommended Actions:

1. Approve and adopt the proposed Resolution entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS APPROVING THE ADOPTION OF THE PUBLIC AGENCIES POST-EMPLOYMENT BENEFITS TRUST ADMINISTERED BY PUBLIC AGENCY RETIREMENT SERVICES (PARS) approving the adoption of the Public Agencies Post-Employment Benefits Trust administered by Public Agency Retirement Services.
2. Approve and authorize the Board Chair to execute the Agreement for Administrative Services with PARS to act as Trust Administrator for the Trust.
3. Approve and authorize the Treasurer, as OCFA's Plan Administrator, to sign all documents reasonably necessary to implement the recommendations.

**END OF CONSENT CALENDAR****4. PUBLIC HEARING(S)**

Public Hearings are scheduled for a time certain of 7:00 p.m. or as soon thereafter as possible. The Board of Directors when considering the matter scheduled for hearing, will take the following actions: 1. Receive staff report. 2. Open the Public Hearing. 3. Accept public testimony. 4. Close the Public portion of the Public Hearing. 5. Receive Board Member comments and questions. 6. Take appropriate action. Those wishing to address the Board during the Public Hearing must complete a "Speaker's Form" (available on public counters in Board Room) and provide it to the Clerk of the Authority prior to the hearing.

**A. Adoption of the Fiscal Year 2019/20 Proposed Budget**Submitted by: Lori Zeller, Deputy Chief/Administration & Support Bureau**Budget and Finance Committee Recommendation: *APPROVE***Recommended Actions:

1. Conduct a Public Hearing.
2. Adopt the proposed FY 2019/20 Budget as submitted.
3. Approve and adopt the proposed Resolution entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS ADOPTING AND APPROVING THE APPROPRIATIONS BUDGET FOR THE ORANGE COUNTY FIRE AUTHORITY FOR FISCAL YEAR 2019/20.
4. Approve and authorize the temporary transfer of up to \$75 million from the following funds to cover a projected temporary cash flow shortfall for FY 2019/20:
  - a. Fund 123 Fire Stations and Facilities - \$10 million
  - b. Fund 133 Fire Apparatus - \$10 million
  - c. Fund 190 Workers' Compensation Reserve Fund - \$55 million
5. Approve and authorize the repayment of \$75 million borrowed funds from Fund 121 to the above funds along with interest when General Fund revenues become available in FY 2019/20.
6. Approve changes to the Master Position Control list to unfreeze, reclassify and/or add 127 positions as detailed in Attachment 3.
7. Approve transfers from the General Fund 121 and Fund 123 Fire Stations and Facilities to General Fund CIP Fund 12110, Fund 133 Fire Apparatus, and Fund 139 Settlement Agreement totaling \$36,568,000.
8. Approve and authorize FY 2018/19 budget adjustments to increase General Fund (121) revenues by net \$145,770 and General Fund (121) expenditures by \$38,014.



## 5. DISCUSSION CALENDAR

### A. Second Amendment to Fire Chief Employment Agreement and Resolution Approving Non-Base Building Merit Increase

Submitted by: Lori Zeller, Deputy Chief/Administration & Support Bureau

#### Recommended Actions:

Following the Closed Session negotiation of amendment terms:

1. Approve and authorize the Board Chair to execute the proposed Second Amendment to the Fire Chief's employment agreement.
2. Approve and adopt the proposed Resolution entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS APPROVING A NON-BASE BUILDING MERIT INCREASE FOR FIRE CHIEF BRIAN FENNESSY.

### B. Community Wildfire Mitigation Inspection Program Presentation

Submitted by: Lori Smith, Assistant Chief/Fire Marshal-Community Risk Reduction Department

#### Recommended Action:

Receive and file the report.

## BOARD MEMBER COMMENTS

**ADJOURNMENT** – In memory of OCFA Director/San Clemente Mayor Steve Swartz. The next regular meeting of the Orange County Fire Authority Board of Directors is scheduled for Thursday, June 27, 2019, at 6:00 p.m.

## AFFIDAVIT OF POSTING

I hereby certify under penalty of perjury under the laws of the State of California, that the foregoing Agenda was posted in the lobby, front gate public display case, and website of the Orange County Fire Authority, Regional Fire Operations and Training Center, 1 Fire Authority Road, Irvine, CA, not less than 72 hours prior to the meeting. Dated this 16<sup>th</sup> day of May 2019.

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Sherry A.F. Wentz, CMC  
Clerk of the Authority

## UPCOMING MEETINGS:

Budget and Finance Committee Meeting

June's meeting has been cancelled.

Executive Committee Meeting

Thursday, June 27, 2019, 5:30 p.m.

Board of Directors Meeting

Thursday, June 27, 2019, 6:00 p.m.



# **MINUTES ORANGE COUNTY FIRE AUTHORITY**

**Board of Directors Regular Meeting  
Thursday, April 25, 2019  
6:00 P.M.**

**Regional Fire Operations and Training Center Board Room  
1 Fire Authority Road  
Irvine, CA 92602-0125**

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## **CALL TO ORDER**

A regular meeting of the Orange County Fire Authority Board of Directors was called to order on April 25, 2019, at 6:00 p.m. by Chair Muller. Director Muller noted the return of Director Fox (Irvine) to the dais, and welcomed her back into service.

## **INVOCATION**

Chaplain Kent Krikac offered the Invocation.

## **PLEDGE OF ALLEGIANCE**

Director Fox led the Assembly in the Pledge of Allegiance to the Flag.

## **ROLL CALL**

Letitia Clark, Tustin  
Melissa Fox, Irvine  
Shelley Hasselbrink, Los Alamitos  
Gene Hernandez, Yorba Linda  
Neeki Moatazedi, Lake Forest  
Joseph Muller, Dana Point  
Vince Rossini, Villa Park  
Don Sedgwick, Laguna Hills  
Michele Steggell, La Palma  
Elizabeth Swift, Buena Park  
Juan Villegas, Santa Ana

Sergio Farias, San Juan Capistrano  
Dave Harrington, Aliso Viejo  
Noel Hatch, Laguna Woods  
Robert Johnson, Cypress  
Thomas Moore, Seal Beach  
Sandy Rains, Laguna Niguel  
Ed Sachs, Mission Viejo  
Dave Shawver, Stanton  
Steve Swartz, San Clemente  
Tri Ta, Westminster  
Donald P. Wagner, County of Orange

**Absent:** Lisa Bartlett, County of Orange

Carol Gamble, Rancho Santa Margarita

## **Also present were:**

Fire Chief Brian Fennessy  
Deputy Chief Lori Zeller  
Assistant Chief Lori Smith  
Assistant Chief Pokey Sanchez  
Clerk of the Authority Sherry Wentz  
Communications Director Colleen Windsor

Deputy Chief Dave Anderson  
Assistant Chief Randy Black  
General Counsel David Kendig  
Assistant Chief Robert Cortez  
Assistant Chief Jim Ruane



## **1. PRESENTATIONS**

No items.

### **PUBLIC COMMENTS (F: 11.11)**

Mr. Stephen Wontrobski, Mission Viejo resident, addressed disclosing Closed Session case names and numbers on the agenda, equity costs for member cities, and OCFA's transparency policy.

Director Wagner arrived at this point (6:08 p.m.).

### **CLOSED SESSION (F: 11.15)**

#### **CS1. CONFERENCE WITH LABOR NEGOTIATOR**

Chief Negotiator: Peter Brown, Liebert Cassidy Whitmore

Employee Organizations: Orange County Professional Firefighters' Association,  
Local 3631 and Chief Officers Association

Authority: Government Code Section 54957.6

#### **CS2. CONFERENCE WITH LABOR NEGOTIATOR**

Chief Negotiator: Fire Chief Brian Fennessy and Deputy Chief Lori Zeller

Employee Organizations: Unrepresented Employees

Authority: Government Code Section 54957.6

#### **CS3. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**

Significant exposure to litigation pursuant to subdivision (b) of Section 54956.9  
(1 Case)

#### **CS4. PUBLIC EMPLOYEE PERFORMANCE EVALUATION**

Position: Fire Chief

Authority: Government Code Section 54954.5

#### **CS5. CONFERENCE WITH LABOR NEGOTIATOR**

Negotiators: Chair Joe Muller, Vice Chair Shelley Hasselbrink, and Immediate  
Past Chair Ed Sachs

Unrepresented Employee: Fire Chief

Authority: Government Code Section 54957.6

General Counsel David Kendig reported the Board would convene to Closed Session to consider the matters on the agenda identified as CS1, CS2, and CS5, Conference with Labor Negotiator, CS3, Conference with Legal Counsel – Anticipated Litigation, and CS4, Public Employee Performance Evaluation.

Chair Muller recessed the meeting to Closed Session at 6:11 p.m.

Director Steggell left at this point (7:20 p.m.).



Chair Muller reconvened the meeting from Closed Session at 7:20 p.m.

## **CLOSED SESSION REPORT (F: 11.15)**

General Counsel David Kendig reported the Board of Directors would reconvene for Closed Session items at the end of this meeting on the matters on the agenda identified as CS3, Conference with Legal Counsel – Anticipated Litigation, CS4, Public Employee Performance Evaluation, and CS5, Conference with Labor Negotiator. Otherwise, there were no reportable actions.

## **REPORTS**

### **REPORT FROM THE BUDGET AND FINANCE COMMITTEE CHAIR (F: 11.12)**

Budget and Finance Chair Shelley Hasselbrink reported at the April 10, 2019, meeting, the Committee voted unanimously to receive and file the Orange County Employees' Retirement System Quarterly Status Update and the Communications with Auditors for Fiscal Year 2018/19 Financial Audit. Additionally, the Committee voted unanimously to send the Monthly Investment Reports to the Executive Committee for its approval. Lastly, after a thorough discussion regarding the recommended changes to the procurement authority and thresholds of comparable agencies, the Committee voted unanimously to send the Changes to Procurement Related Roles, Responsibilities, and Authorities, to the Board of Directors for approval of the recommended action.

### **REPORT FROM THE FIRE CHIEF (F: 11.14)**

Fire Chief Brian Fennessy reported on the Canyon 2 Fire – Services Enhancements, and recommendations in progress, and invited the Directors to attend the upcoming Southern Wind Urban Search and Rescue Task Force Training Exercise.

## **2. MINUTES**

### **A. Minutes from the (A) March 13, 2019, Special Meeting, and (B) March 28, 2019, Regular Meeting of the Board of Directors (F: 11.06)**

On motion of Director Johnson and second by Director Rossini, the Board of Directors voted by those present to approve the Minutes of the March 13, 2019, Special Meeting, and March 28, 2019, Regular Board of Directors meetings as submitted. Directors Rains and Ta were recorded as abstentions for the March 13, 2019, meeting, due to their absence from the meeting. Director Sedgwick was recorded as an abstention for the March 28, 2019, meeting due to his absence from the meeting.

Director Steggell was absent for the vote.



**3. CONSENT CALENDAR** (Agenda Item No. 3B was pulled for separate consideration)

**A. Changes to Procurement Related Roles, Responsibilities, and Authorities** (F: 11.03A)  
(X: 11.10H)

On motion of Director Johnson and second by Director Wagner, the Board of Directors voted by those present to approve Resolution No. 2019-02 entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS AMENDING THE ROLES/RESPONSIBILITIES /AUTHORITIES MATRIX amending the related to various procurement thresholds.

Director Steggell was absent for the vote.

**B. Amendment to Personnel and Salary Resolution** (F: 17.02)

Staff pulled this item for consideration at a future meeting.

**C. City of Garden Grove – Budget Adjustment for Start-Up Costs** (F: 10.03GG)

On motion of Director Johnson and second by Director Wagner, the Board of Directors voted by those present to approve and authorize a budget adjustment to the FY 2018/19 General Fund Budget (121) in the amount of \$1,136,225 for the purposes of funding supplies, services, personnel costs, and equipment necessary for the transition of Garden Grove to OCFA.

Director Steggell was absent for the vote.

**D. Award of Public Works Contract for Fire Station 42 Retaining Wall and Foundation Remediation Project** (F: 19.07C42)

On motion of Director Johnson and second by Director Wagner, the Board of Directors voted by those present to:

1. Approve the plans and specifications for the construction of a retaining wall and foundation remediation at Fire Station 42.
2. Accept the Zusser Company, Inc. bid dated February 27, 2019.
3. Approve and award the public works contract to Zusser Company, Inc. in the amount of \$857,200.
4. Authorize a 15% contingency allowance up to \$128,580.

Director Steggell was absent for the vote.



**E. New Sublease Agreement for Fire Station 11 (Emerald Bay) (F: 19.07C11)**

On motion of Director Johnson and second by Director Wagner, the Board of Directors voted by those present to approve and authorize the Fire Chief to execute the proposed Sublease Agreement with the Emerald Bay Services District for Fire Station 11.

Director Steggell was absent for the vote.

**END OF CONSENT CALENDAR**

**4. PUBLIC HEARING(S)**

No items.

**5. DISCUSSION CALENDAR**

**A. Legislative Platform 2019-2020 (F: 11.10F)**

Assistant Chief Robert Cortez introduced Legislative Analyst Jay Barkman who presented the Legislative Platform 2019-2020.

On motion of Director Ta and second by Director Johnson, the Board of Directors voted by those present to:

1. Adopt the OCFA Legislative Platform 2019-2020 and direct staff to initiate procedures to implement the platform.
2. Approve recommended legislative positions.

**BOARD MEMBER COMMENTS (F: 11:13)**

Director Swartz addressed concerns of canyon and grass fires and the coordinated efforts to prevent them.

Director Hernandez congratulated newly appointed Division Chief Phil Johnson as he will serve the City of Yorba Linda.

Director Shawver addressed the principle of public comments; that a person needs to speak on one topic rather than multiple with extended minutes.

Director Rains left at this point (7:41 p.m.).

Director Swift reported she may bring in Porto's Bakery (located in Buena Park) items at the next meeting, as it will fall on her Birthday.



Chair Muller welcomed Director Fox back to the Board of OCFA, noting she was instrumental in the agreement with the City of Irvine; he additionally offered thanks to Director Wagner, while serving as the city's Mayor, was also instrumental in the process. He thanked Director Shawver for his efforts towards bringing Garden Grove to the OCFA.

#### **CLOSED SESSION (F: 11.15)**

General Counsel David Kendig reported the Board would reconvene to Closed Session to consider the matters on the agenda identified as CS3, Conference with Legal Counsel – Anticipated Litigation, CS4, Public Employee Performance Evaluation, and CS5, Conference with Labor Negotiator.

Chair Muller recessed the meeting to Closed Session at 7:45 p.m.

Chair Muller reconvened the meeting from Closed Session at 8:44 p.m.

#### **CLOSED SESSION REPORT (F: 11.15)**

General Counsel David Kendig stated there were no reportable actions.

**ADJOURNMENT** – Chair Muller adjourned the meeting at 8:45 p.m. The next regular meeting of the Orange County Fire Authority Board of Directors is scheduled for Thursday, May 23, 2019, at 6:00 p.m.

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Sherry A.F. Wentz, CMC  
Clerk of the Authority





Orange County Fire Authority  
**AGENDA STAFF REPORT**

Board of Directors Meeting  
May 23, 2019

Agenda Item No. 3A  
Consent Calendar

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**Updated Cost Reimbursement Rates**

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**Contact(s) for Further Information**

Jim Ruane, Assistant Chief/Logistics  
Finance Manager/Auditor

[jimruane@ocfa.org](mailto:jimruane@ocfa.org)

714.573.6801

Robert Cortez, Assistant Chief  
Business Services Department

[robertcortez@ocfa.org](mailto:robertcortez@ocfa.org)

714.573.6012

**Summary**

This item is submitted to request approval of the proposed update to the Cost Reimbursement rates.

**Prior Board/Committee Action**

**Budget and Finance Committee Recommendation: *APPROVE***

At its regular May 8, 2019, meeting, the Budget and Finance Committee reviewed and unanimously recommended approval of this item.

**RECOMMENDED ACTION(S)**

Approve and adopt the proposed Cost Reimbursement Rate schedules to be effective July 1, 2019.

**Impact to Cities/County**

Not Applicable.

**Fiscal Impact**

The fiscal impact of the new rates will be based on the number of incidents that occur throughout the year and will be incorporated into the mid-year budget update.

**Background**

The California Fire and Rescue Mutual Aid System Operating Plan outlines the methodologies and formulas participating agencies (including OCFA) are required to use when developing cost reimbursement rates. These rates will be used when OCFA resources are ordered by various Federal (Cleveland National Park Forest Service) and State (CAL FIRE) agencies. The California Office of Emergency Services (Cal-OES) requires a different method to calculate reimbursement rates for non-suppression personnel only. Both methods are designed to only reimburse OCFA for the marginal cost of providing the resources and are calculated in three separate components, the indirect (overhead) cost rate, personnel rate, and equipment rate.

***Reimbursement Rate Calculation (Other than Cal OES)***

Based on the agreed-upon calculation, OCFA's proposed Indirect Cost Rate for FY 2019/20 is 15.51%, decreasing 1.21% from the current rate of 16.72%. This change is attributable to the increase of direct cost from labor contracts, overtime cost from emergency incidents, and backfill cost for open/vacant suppression positions. The average increase in the proposed Suppression Personnel Cost Reimbursement Rates is 3.2%, driven by labor cost increases on regular and special assignment pays. The Senior Accounting Support Specialist hourly rate has an increase of 52.9%,



to insure the overtime rate is fully captured. The full list of proposed reimbursement rates by position (including the indirect cost rate) is listed on Attachment 1A.

OCFA adopts the Federal Emergency Management Agency's (FEMA) approved equipment rates, except for the helicopter rates, to seek reimbursement for equipment use. FEMA equipment reimbursement rates remain the same from September 2017 (Attachment 2). The OCFA helicopter rates were calculated using the four-year average on operating costs. Increased operating cost such as maintenance and depreciation caused a 5.82% rate increase for the rates for the Bell Super Huey helicopter (acquired as federal excess property and placed in service in 1996) and a 13.2% rate increase for the Bell 412 helicopter.

### ***Cal-OES Reimbursement Rates***

The Cal-OES rate calculation differs in that it blends all specialty pays (i.e. paramedic, hazmat, hazmat specialist, and technical rescue truck pays) with base salary to develop one average hourly rate for each suppression classification. For non-suppression staff, they require both regular and overtime reimbursement rates to be calculated. The Cal-OES personnel reimbursement rates are listed as Attachment 1B to this staff report.

As of April 2019, the United States Forest Service is reviewing California Fire Assistance Agreement with Cal-OES. Local government agencies may be required to submit actual paid costs for reimbursement.

### ***Civilian Position Rates (New for Fiscal Year 2018-2019)***

The civilian position reimbursement rates are used for task force members responding to national and regional disasters on search and rescue missions. An annual salary survey is conducted to obtain the current rates from other California task forces for the civilian positions except for the affiliate member. The reimbursement rate for affiliate member is based on the top step rate for OCFA's Battalion Chief position. Civilian position rates are included in the Cal-OES reimbursement schedule (Attachment 1B).

### ***Mutually Beneficial Hourly Rates (Handcrew and Dozer Operator)***

These rates, with a methodology originally approved in 2010, are updated annually and used to recover only base salary costs of the handcrew and dozer operators when projects are deemed by OCFA to be beneficial to both the requesting entity and OCFA.

### ***Summary***

Upon approval of the proposed rates included as Attachment 1A, 1B and 2, OCFA's Finance/Cost Recovery Section will use the approved rates for the following activities or programs:

- CAL FIRE, Cal-OES, Cleveland National Forest (CNF) Fire/Incident response - Generally referred to as Assistance by Hire (ABH) rates
- Fire/Incident Restitution
- Special Event Stand-By
- Other Miscellaneous Billing

### ***Attachment(s)***

1. Proposed Cost Reimbursement Rates – Personnel
  - a. Proposed Cost Reimbursement Rates – All Agencies except Cal-OES
  - b. Proposed Cost Reimbursement Rates – Cal-OES
2. Proposed Cost Reimbursement Rates – Equipment



**ORANGE COUNTY FIRE AUTHORITY**  
**COST REIMBURSEMENT RATES FOR ALL BILLING AGENCIES (EXCEPT CAL OES)**  
**PERSONNEL**  
**EFFECTIVE JULY 1, 2019**

CLASSIFICATION	2018/19 ADOPTED RATES	2019/20 PROPOSED RATE with ICRP	\$ CHANGE	% CHANGE
<b>SUPPRESSION PERSONNEL</b>				
FIRE DIVISION CHIEF	\$170.96	<b>\$181.57</b>	\$10.61	6.20%
FIRE BATTALION CHIEF (SHIFT)	\$107.02	<b>\$111.86</b>	\$4.84	4.52%
FIRE BATTALION CHIEF (STAFF)	\$148.51	<b>\$156.28</b>	\$7.77	5.23%
FIRE CAPTAIN (FC)	\$79.78	<b>\$81.38</b>	\$1.61	2.01%
FC/HAZMAT	\$84.37	<b>\$86.13</b>	\$1.76	2.08%
FC/HAZMAT PARAMEDIC	\$90.49	<b>\$92.45</b>	\$1.96	2.17%
FC/HAZMAT SPECIALIST	\$85.90	<b>\$87.71</b>	\$1.81	2.11%
FC/PARAMEDIC	\$88.96	<b>\$90.87</b>	\$1.91	2.15%
FC/TECH RESCUE TRUCK	\$84.37	<b>\$86.13</b>	\$1.76	2.08%
FIRE APPARATUS ENGINEER (FAE)	\$68.23	<b>\$69.90</b>	\$1.67	2.45%
FAE/HAZMAT	\$72.82	<b>\$74.65</b>	\$1.83	2.51%
FAE/HAZMAT PARAMEDIC	\$78.94	<b>\$80.97</b>	\$2.03	2.57%
FAE/HAZMAT SPECIALIST	\$74.35	<b>\$76.23</b>	\$1.88	2.52%
FAE/PARAMEDIC	\$77.41	<b>\$79.39</b>	\$1.98	2.55%
FAE/TECH RESCUE TRUCK	\$72.82	<b>\$74.65</b>	\$1.83	2.51%
FIREFIGHTER (FF)	\$57.87	<b>\$60.02</b>	\$2.15	3.72%
FF/HAZMAT	\$62.46	<b>\$64.76</b>	\$2.30	3.69%
FF/HAZMAT PARAMEDIC	\$68.58	<b>\$71.08</b>	\$2.50	3.65%
FF/HAZMAT SPECIALIST	\$63.99	<b>\$66.34</b>	\$2.35	3.68%
FF/PARAMEDIC	\$67.05	<b>\$69.50</b>	\$2.45	3.66%
FF/TECH RESCUE TRUCK	\$62.46	<b>\$64.76</b>	\$2.30	3.69%
HAND CREW (FIREFIGHTER)	\$41.10	<b>\$42.44</b>	\$1.34	3.26%
HAND CREW SUPERVISOR (FIRE CAPTAIN)	\$80.40	<b>\$83.05</b>	\$2.66	3.30%
HAND CREW SUPERVISOR (FIRE APP. ENGINEER)	\$68.68	<b>\$70.93</b>	\$2.26	3.29%
HAND CREW SUPERVISOR (FIREFIGHTER)	\$61.22	<b>\$63.24</b>	\$2.02	3.30%
HEAVY FIRE EQUIPMENT OPERATOR	\$111.04	<b>\$110.21</b>	(\$0.83)	-0.75%
FIRE PILOT	\$80.38	<b>\$85.85</b>	\$5.47	6.81%
<b>NON-SUPPRESSION PERSONNEL</b>				
ACCOUNTANT	\$72.48	<b>\$75.51</b>	\$3.03	4.18%
ASST. IT MANAGER	\$89.10	<b>\$92.76</b>	\$3.66	4.11%
ASST. FIRE APPARATUS TECHNICIAN	\$56.70	<b>\$46.85</b>	(\$9.85)	-17.37%
ASST. FIRE MARSHAL	\$101.17	<b>\$111.42</b>	\$10.25	10.13%
ASST. PURCHASING AGENT	\$84.93	<b>\$83.08</b>	(\$1.85)	-2.18%
BUYER	\$63.15	<b>\$60.77</b>	(\$2.38)	-3.77%
COMMUNICATIONS TECHNICIAN	\$59.92	<b>\$64.94</b>	\$5.02	8.37%
COMMUNICATIONS SERVICE SUPERVISOR	\$79.54	<b>\$87.65</b>	\$8.12	10.20%
DEPUTY FIRE MARSHAL	n/a	<b>\$89.96</b>	n/a	n/a
EMERGENCY COMM CENTER MANAGER	\$72.24	<b>\$77.33</b>	\$5.09	7.05%
FINANCE MANAGER	\$101.06	<b>\$102.54</b>	\$1.48	1.46%
FIRE APPARATUS TECHNICIAN	\$69.97	<b>\$72.30</b>	\$2.33	3.33%
FIRE COMM RELAT/ED SPECIALIST	\$66.92	<b>\$66.71</b>	(\$0.21)	-0.32%
FIRE COMM RELAT/ED SUPERVISOR	\$79.63	<b>\$72.60</b>	(\$7.04)	-8.83%
FIRE COMMUNICATIONS DISPATCHER	\$65.63	<b>\$66.69</b>	\$1.06	1.62%
FIRE COMMUNICATIONS SUPERVISOR	\$77.26	<b>\$76.86</b>	(\$0.40)	-0.52%
FIRE EQUIPMENT TECHNICIAN	\$40.98	<b>\$42.16</b>	\$1.19	2.90%
FIRE HELICOPTER TECHNICIAN	\$83.86	<b>\$74.46</b>	(\$9.40)	-11.21%
FIRE PREVENTION ANALYST	\$96.12	<b>\$97.23</b>	\$1.11	1.16%
FIRE PREVENTION SPECIALIST	\$75.45	<b>\$80.00</b>	\$4.55	6.03%

Notes:

- (1) 5% EMT specialty pay is included in Hand Crew FF average rate  
 (2) Adjustment to management positions to reflect overtime as straight time rather than 1.5 x hourly rate.



**ORANGE COUNTY FIRE AUTHORITY**  
**COST REIMBURSEMENT RATES FOR ALL BILLING AGENCIES (EXCEPT CAL OES)**  
**PERSONNEL**  
**EFFECTIVE JULY 1, 2019**

CLASSIFICATION	2018/19 ADOPTED RATES	2019/20 PROPOSED RATE with ICRP	\$ CHANGE	% CHANGE
FIRE PREVENTION TRAINEE	n/a	\$57.79	n/a	n/a
FIRE SAFETY ENGINEER	n/a	\$117.48	n/a	n/a
FLEET SERVICES COORDINATOR	\$81.50	\$82.80	\$1.30	1.59%
FLEET SERVICES SUPERVISOR	\$85.42	\$88.32	\$2.90	3.40%
GENERAL LABORER	\$35.28	\$35.80	\$0.52	1.48%
GIS ANALYST	\$101.27	\$105.70	\$4.44	4.38%
GIS SUPERVISOR	\$109.60	\$120.85	\$11.25	10.26%
INFORMATION TECHNOLOGY ANALYST	\$101.30	\$105.70	\$4.40	4.34%
INFORMATION TECHNOLOGY SPECIALIST	\$75.01	\$84.56	\$9.56	12.74%
INFORMATION TECHNOLOGY SUPERVISOR	\$125.53	\$127.59	\$2.06	1.64%
INFORMATION TECHNOLOGY TECHNICIAN	\$73.32	\$76.15	\$2.82	3.85%
MEDICAL DIRECTOR	\$101.06	\$102.54	\$1.48	1.46%
PURCHASING MANAGER	\$94.84	\$96.22	\$1.38	1.45%
RESERVE FIREFIGHTER	\$2.06	\$2.41	\$0.35	16.98%
RISK MANAGEMENT ANALYST	\$73.99	\$68.13	(\$5.86)	-7.92%
RISK MANAGEMENT SAFETY OFFICER	\$73.99	\$75.07	\$1.07	1.45%
RISK MANAGEMENT SPECIALIST	n/a	\$62.37	n/a	n/a
SERVICE CENTER LEAD	\$75.11	\$76.32	\$1.21	1.61%
SERVICE CENTER SUPERVISOR	\$90.56	\$93.62	\$3.06	3.37%
SR. ACCOUNTANT	\$73.13	\$74.56	\$1.43	1.96%
SR. ACCT. SUPPORT SPEC.	\$38.80	\$59.31	\$20.51	52.86%
SR. COMMUNICATIONS TECHNICIAN	\$65.31	\$66.38	\$1.06	1.63%
SR. FIRE APPARATUS TECHNICIAN	\$70.69	\$74.20	\$3.51	4.97%
SR. FIRE COMMUNICATIONS SUPV.	\$86.10	\$87.47	\$1.37	1.60%
SR. FIRE EQUIPMENT TECHNICIAN	\$58.89	\$62.04	\$3.15	5.35%
SR. FIRE HELICOPTER TECHNICIAN	\$91.14	\$106.28	\$15.14	16.62%
SR. FIRE PREVENTION SPECIALIST	\$90.78	\$92.27	\$1.49	1.64%
SR. INFO TECHNOLOGY ANALYST	\$108.31	\$112.88	\$4.58	4.22%
WILDLAND RESOURCE PLANNER	\$81.26	\$82.60	\$1.34	1.64%
<b>MUTUALLY BENEFICIAL RATES:</b>				
HAND CREW (FIREFIGHTER)	\$21.18	\$21.85	\$0.67	3.16%
HAND CREW SUPERVISOR (STAFF FIRE CAPTAIN)	\$41.43	\$42.76	\$1.33	3.21%
HAND CREW SUPERVISOR (STAFF FIRE APP. ENGIN)	\$35.39	\$36.52	\$1.13	3.19%
HAND CREW SUPERVISOR (STAFF FIREFIGHTER)	\$31.55	\$32.56	\$1.01	3.20%
HEAVY FIRE EQUIPMENT OPERATOR	\$57.22	\$56.74	(\$0.48)	-0.84%
SWAMPER/HAND CREW FF	\$21.18	\$21.85	\$0.67	3.16%

## Notes:

- (1) 5% EMT specialty pay is included in Hand Crew FF average rate
- (2) Adjustment to management positions to reflect overtime as straight time rather than 1.5 x hourly rate.



**ORANGE COUNTY FIRE AUTHORITY**  
**COST REIMBURSEMENT RATES FOR CAL OES BILLINGS ONLY**  
**PERSONNEL**  
**EFFECTIVE JULY 1, 2019**

CLASSIFICATION	2018/19 ADOPTED RATE					2019/20 PROPOSED RATE	\$ CHANGE	% CHANGE
<b>SUPPRESSION POSITIONS</b>								
FIRE DIVISION CHIEF	\$170.96					<b>\$181.57</b>	\$10.61	6.20%
FIRE BATTALION CHIEF	\$127.76					<b>\$134.08</b>	\$6.31	4.94%
FIRE CAPTAIN	\$85.69					<b>\$88.24</b>	\$2.54	2.97%
FIRE APPARATUS ENGINEER	\$72.29					<b>\$74.93</b>	\$2.65	3.66%
FIREFIGHTER	\$63.47					<b>\$65.67</b>	\$2.19	3.46%
HAND CREW (FIREFIGHTER)	\$41.10					<b>\$42.44</b>	\$1.34	3.26%
HAND CREW SUPERVISOR (FIRE CAPTAIN)	\$80.40					<b>\$83.05</b>	\$2.66	3.30%
HAND CREW SUPERVISOR (FIRE APP. ENGINEER)	\$68.68					<b>\$70.93</b>	\$2.26	3.29%
HAND CREW SUPERVISOR (FIREFIGHTER)	\$61.22					<b>\$63.24</b>	\$2.02	3.30%
HEAVY FIRE EQUIPMENT OPERATOR	\$111.04					<b>\$110.21</b>	(\$0.83)	-0.75%
FIRE PILOT	\$80.38					<b>\$85.85</b>	\$5.47	6.81%
<b>NON-SUPPRESSION POSITIONS</b>								
CLASSIFICATION	2018/19 ADOPTED REGULAR RATE	2019/20 PROPOSED REGULAR RATE	\$ CHANGE	% CHANGE	2018/19 ADOPTED OT RATE	2019/20 PROPOSED OT RATE	\$ CHANGE	% CHANGE
ACCOUNTANT	\$70.81	\$76.05	\$5.24	7.40%	\$72.48	<b>\$75.51</b>	\$3.03	4.18%
ASST. IT MANAGER	\$135.03	\$143.29	\$8.26	6.12%	\$89.10	<b>\$92.76</b>	\$3.66	4.11%
ASST. FIRE APPARATUS TECHNICIAN	\$57.47	\$50.77	(\$6.70)	-11.66%	\$56.70	<b>\$46.85</b>	(\$9.85)	-17.37%
ASST. PURCHASING AGENT	\$81.75	\$82.92	\$1.17	1.43%	\$84.93	<b>\$83.08</b>	(\$1.85)	-2.18%
ASST. FIRE MARSHAL	\$96.03	\$108.63	\$12.60	13.12%	\$101.17	<b>\$111.42</b>	\$10.25	10.13%
BUYER	\$62.59	\$62.68	\$0.09	0.15%	\$63.15	<b>\$60.77</b>	(\$2.38)	-3.77%
COMMUNICATIONS TECHNICIAN	\$59.77	\$66.45	\$6.69	11.19%	\$59.92	<b>\$64.94</b>	\$5.02	8.37%
COMMUNICATIONS SERVICES SUPERVISOR	\$77.00	\$87.07	\$10.07	13.07%	\$79.54	<b>\$87.65</b>	\$8.12	10.20%
DEPUTY FIRE MARSHAL	\$0.00	\$139.46	\$139.46	n/a	\$0.00	<b>\$89.96</b>	\$89.96	n/a
EMERGENCY COMM CENTER MANAGER	\$112.69	\$122.21	\$9.52	8.45%	\$72.24	<b>\$77.33</b>	\$5.09	7.05%
FINANCE MANAGER	\$150.89	\$156.65	\$5.76	3.82%	\$101.06	<b>\$102.54</b>	\$1.48	1.46%
FIRE APPARATUS TECHNICIAN	\$69.14	\$73.87	\$4.73	6.84%	\$69.97	<b>\$72.30</b>	\$2.33	3.33%
FIRE COMM RELAT/ED SPECIALIST	\$65.91	\$68.07	\$2.15	3.27%	\$66.92	<b>\$66.71</b>	(\$0.21)	-0.32%
FIRE COMM RELAT/ED SUPERVISOR	\$77.09	\$73.41	(\$3.67)	-4.77%	\$79.63	<b>\$72.60</b>	(\$7.04)	-8.83%
FIRE COMMUNICATIONS DISPATCHER	\$64.78	\$68.05	\$3.27	5.05%	\$65.63	<b>\$66.69</b>	\$1.06	1.62%
FIRE COMMUNICATIONS SUPV.	\$75.01	\$77.27	\$2.26	3.02%	\$77.26	<b>\$76.86</b>	(\$0.40)	-0.52%
FIRE EQUIPMENT TECHNICIAN	\$43.65	\$46.52	\$2.87	6.57%	\$40.98	<b>\$42.16</b>	\$1.19	2.90%
FIRE HELICOPTER TECHNICIAN	\$81.34	\$75.82	(\$5.53)	-6.79%	\$83.86	<b>\$74.46</b>	(\$9.40)	-11.21%
FIRE PREVENTION ANALYST	\$91.58	\$95.76	\$4.18	4.56%	\$96.12	<b>\$97.23</b>	\$1.11	1.16%
FIRE PREVENTION SPECIALIST	\$73.40	\$80.12	\$6.72	9.16%	\$75.45	<b>\$80.00</b>	\$4.55	6.03%
FIRE PREVENTION TRAINEE	\$0.00	\$59.71	\$59.71	n/a	\$0.00	<b>\$57.79</b>	\$57.79	n/a
FIRE SAFETY ENGINEER	\$0.00	\$114.12	\$114.12	n/a	\$0.00	<b>\$117.48</b>	\$117.48	n/a
FLEET SERVICES COORDINATOR	\$78.73	\$82.67	\$3.94	5.00%	\$81.50	<b>\$82.80</b>	\$1.30	1.59%
FLEET SERVICES SUPERVISOR	\$82.70	\$88.39	\$5.68	6.87%	\$85.42	<b>\$88.32</b>	\$2.90	3.40%
GENERAL LABORER	\$38.63	\$40.74	\$2.11	5.46%	\$35.28	<b>\$35.80</b>	\$0.52	1.48%
GIS ANALYST	\$96.10	\$103.44	\$7.34	7.64%	\$101.27	<b>\$105.70</b>	\$4.44	4.38%
GIS SUPERVISOR	\$103.43	\$117.19	\$13.76	13.31%	\$109.60	<b>\$120.85</b>	\$11.25	10.26%
INFORMATION TECHNOLOGY ANALYST	\$96.14	\$103.44	\$7.30	7.60%	\$101.30	<b>\$105.70</b>	\$4.40	4.34%
INFORMATION TECHNOLOGY SPECIALIST	\$72.81	\$83.99	\$11.19	15.37%	\$75.01	<b>\$84.56</b>	\$9.56	12.74%
INFORMATION TECHNOLOGY SUPERVISOR	\$117.44	\$123.29	\$5.85	4.98%	\$125.53	<b>\$127.59</b>	\$2.06	1.64%
INFORMATION TECHNOLOGY TECHNICIAN	\$71.33	\$76.36	\$5.03	7.05%	\$73.32	<b>\$76.15</b>	\$2.82	3.85%
MEDICAL DIRECTOR	\$150.89	\$156.65	\$5.76	3.82%	\$101.06	<b>\$102.54</b>	\$1.48	1.46%
PURCHASING MANAGER	\$142.65	\$148.00	\$5.36	3.76%	\$94.84	<b>\$96.22</b>	\$1.38	1.45%

## Notes:

- (1) HazMat (\$2.44/hr), HazMat Paramedic (\$5.70/hr), HazSpecialist (\$3.26/hr), Paramedic (\$4.88/hr), and Tech Rescue Truck (\$2.44/hr) specialty pays are now included in
- (2) 5% EMT specialty pay is included in Hand Crew FF average rate
- (3) Adjustment to management positions to reflect overtime as straight time rather than 1.5 x hourly rate.



**ORANGE COUNTY FIRE AUTHORITY**  
**COST REIMBURSEMENT RATES FOR CAL OES BILLINGS ONLY**  
**PERSONNEL**  
**EFFECTIVE JULY 1, 2019**

CLASSIFICATION	2018/19 ADOPTED RATE					2019/20 PROPOSED RATE	\$ CHANGE	% CHANGE
RESERVE FIREFIGHTER	\$1.50	\$1.76	\$0.26	16.98%	\$2.06	\$2.41	\$0.35	16.98%
RISK MANAGEMENT ANALYST	\$115.02	\$109.64	(\$5.38)	-4.68%	\$73.99	\$68.13	(\$5.86)	-7.92%
RISK MANAGEMENT SAFETY OFFICER	\$115.02	\$119.11	\$4.09	3.56%	\$73.99	\$75.07	\$1.07	1.45%
RISK MANAGEMENT SPECIALIST	\$0.00	\$64.14	\$64.14	n/a	\$0.00	\$62.37	\$62.37	n/a
SERVICE CENTER LEAD	\$73.12	\$76.79	\$3.67	5.01%	\$75.11	\$76.32	\$1.21	1.61%
SERVICE CENTER SUPERVISOR	\$87.24	\$93.19	\$5.96	6.83%	\$90.56	\$93.62	\$3.06	3.37%
SR. ACCOUNTANT	\$113.86	\$118.43	\$4.57	4.01%	\$73.13	\$74.56	\$1.43	1.96%
SR. ACCT. SUPPORT SPEC.	\$58.24	\$61.35	\$3.10	5.33%	\$38.80	\$59.31	\$20.51	52.86%
SR. COMMUNICATIONS TECHNICIAN	\$64.50	\$67.76	\$3.26	5.06%	\$65.31	\$66.38	\$1.06	1.63%
SR. FIRE APPARATUS TECHNICIAN	\$69.77	\$75.58	\$5.81	8.33%	\$70.69	\$74.20	\$3.51	4.97%
SR. FIRE COMMUNICATIONS SUPV.	\$82.77	\$86.90	\$4.13	4.99%	\$86.10	\$87.47	\$1.37	1.60%
SR. FIRE EQUIPMENT TECHNICIAN	\$59.39	\$64.55	\$5.15	8.68%	\$58.89	\$62.04	\$3.15	5.35%
SR. FIRE HELICOPTER TECHNICIAN	\$87.73	\$104.68	\$16.94	19.31%	\$91.14	\$106.28	\$15.14	16.62%
SR. FIRE PREVENTION SPECIALIST	\$86.89	\$91.25	\$4.37	5.03%	\$90.78	\$92.27	\$1.49	1.64%
SR. INFO TECHNOLOGY ANALYST	\$102.30	\$109.95	\$7.66	7.48%	\$108.31	\$112.88	\$4.58	4.22%
WILDLAND RESOURCE PLANNER	\$78.52	\$82.49	\$3.96	5.04%	\$81.26	\$82.60	\$1.34	1.64%

(3)

(3)

(3)

**CIVILIAN POSITIONS**

AFFILIATED MEMBER	\$55.93					\$59.24	\$3.31	5.92%
CANINE SPECIALIST	\$37.50					\$37.50	\$0.00	0.00%
DOCTOR	\$90.38					\$90.38	\$0.00	0.00%
HEAVY RIGGING SPECIALIST	\$40.00					\$40.00	\$0.00	0.00%
STRUCTURE SPECIALIST	\$70.95					\$70.95	\$0.00	0.00%

## Notes:

- (1) HazMat (\$2.44/hr), HazMat Paramedic (\$5.70/hr), HazSpecialist (\$3.26/hr), Paramedic (\$4.88/hr), and Tech Rescue Truck (\$2.44/hr) specialty pays are now included in
- (2) 5% EMT specialty pay is included in Hand Crew FF average rate
- (3) Adjustment to management positions to reflect overtime as straight time rather than 1.5 x hourly rate.



**ORANGE COUNTY FIRE AUTHORITY  
COST REIMBURSEMENT RATES  
EQUIPMENT  
EFFECTIVE JULY 1, 2019**

DESCRIPTION	2018/19 RATE	2019/20 RATE	\$ CHANGE	% CHANGE	SOURCE	Hourly / Daily
TYPE 1 ENGINE	\$78.90	\$78.90	\$0.00	0.00%	FEMA	Hourly
TYPE 2 ENGINE	\$68.00	\$68.00	\$0.00	0.00%	FEMA	Hourly
TYPE 3 ENGINE	\$68.00	\$68.00	\$0.00	0.00%	FEMA	Hourly
TRUCK/QUINT	\$78.90	\$78.90	\$0.00	0.00%	FEMA	Hourly
AIR/LIGHT UTILITY	\$23.84	\$23.84	\$0.00	0.00%	FEMA	Hourly
AIRPORT CRASH UNIT	\$78.90	\$78.90	\$0.00	0.00%	FEMA	Hourly
CHIPPER	\$24.31	\$24.31	\$0.00	0.00%	FEMA	Hourly
COMPACT TRACK LOADER	\$36.05	\$36.05	\$0.00	0.00%	FEMA	Hourly
CREW CARRYING VEHICLE	\$20.95	\$20.95	\$0.00	0.00%	FEMA	Hourly
DOZER	\$93.74	\$93.74	\$0.00	0.00%	FEMA	Hourly
DOZER MODULE (DOZER+TRANSPORT)	\$160.64	\$160.64	\$0.00	0.00%	FEMA	Hourly
DOZER TENDER	\$17.65	\$17.65	\$0.00	0.00%	FEMA	Hourly
DOZER TRAILER	\$15.50	\$15.50	\$0.00	0.00%	FEMA	Hourly
DOZER TRANSPORT	\$66.90	\$66.90	\$0.00	0.00%	FEMA	Hourly
DUMP TRUCK	\$75.50	\$75.50	\$0.00	0.00%	FEMA	Hourly
FIRE COMMAND UNIT	\$20.95	\$20.95	\$0.00	0.00%	FEMA	Hourly
FUEL TENDER	\$28.70	\$28.70	\$0.00	0.00%	FEMA	Hourly
GRADER	\$46.50	\$46.50	\$0.00	0.00%	FEMA	Hourly
LOADER	\$43.85	\$43.85	\$0.00	0.00%	FEMA	Hourly
MECHANIC SERVICE TRUCK	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
MEDIC UNIT	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
PATROL UNIT ( Type 6/ Swift Water Rescue)	\$68.00	\$68.00	\$0.00	0.00%	FEMA	Hourly
PICKUP (less than 3/4 ton)	\$86.00	\$86.00	\$0.00	0.00%	Cal OES	Daily
SEDAN	\$47.00	\$47.00	\$0.00	0.00%	Cal OES	Daily
SPORT UTILITY VEHICLE	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
VAN	\$109.00	\$109.00	\$0.00	0.00%	Cal OES	Daily
WATER TENDER	\$28.70	\$28.70	\$0.00	0.00%	FEMA	Hourly
OTHER (3/4 ton and above)	\$96.00	\$96.00	\$0.00	0.00%	Cal OES	Daily
HAZMAT (Unit 4)	\$78.90	\$78.90	\$0.00	0.00%	FEMA	Hourly
HAZMAT (Unit 79)	\$78.90	\$78.90	\$0.00	0.00%	FEMA	Hourly
HAZMAT (Unit 204)	\$20.60	\$20.60	\$0.00	0.00%	FEMA	Hourly
HELICOPTER - BELL SUPER HUEY (1)	\$1,400.77	\$1,482.23	\$81.46	5.82%	OCFA	Hourly
HELICOPTER - BELL 412 (1)	\$3,494.50	\$3,954.61	\$460.11	13.17%	OCFA	Hourly

Notes:

1. Helicopter rates are based on 20 years useful life without the pilot and crew chief (Captain). The new rate reflects average usage for the past four years.



**WILDFIRE AWARENESS AND PREVENTION PROCLAMATION**

*WHEREAS*, in the last four years, California has experienced 10 of the most destructive wildfires and four of the deadliest wildfires in the state's history. In 2018, wildfires burned more than 1,846,000 acres, destroyed over 22,000 structures and tragically claimed 100 lives; and

*WHEREAS*, climate change has created a new wildfire reality in California. Persistent drought, warmer temperatures and more severe winds have created conditions that will lead to more frequent and catastrophic fires. To meet this challenge, California must adopt an all-of-the-above approach to protecting public safety and maintaining the health of our forests; and

*WHEREAS*, eleven million people – approximately a quarter of the state's population – live in high fire risk areas, including the Wildland-Urban Interface. Public education and up-to-date regional emergency planning will be key to making our communities more resilient to the impacts of wildfire and other extreme weather events. Orange County residents can learn about Ready, Set, Go! to prepare for wildfire season and help prevent loss of life and property at [www.OCFA.org/RSG](http://www.OCFA.org/RSG); and

*WHEREAS*, we must also recognize that a robust wildfire response by firefighters alone cannot protect us, and every citizen has a key role in preventing destructive wildfires from occurring.

*NOW, THEREFORE BE IT RESOLVED*, that the Orange County Fire Authority Board of Directors does hereby proclaim the height of wildfire season beginning in mid-summer and running through early autumn as "Wildfire Awareness and Prevention Season" and encourages everyone to do their part to raise public awareness, take steps to protect our homes and businesses, and to prevent sparking a wildfire. One less spark means one less wildfire.





## Orange County Fire Authority **AGENDA STAFF REPORT**

**Board of Directors Meeting  
May 23, 2019**

**Agenda Item No. 3C  
Consent Calendar**

### **Amendment to Personnel and Salary Resolution**

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#### **Contact(s) for Further Information**

Brian Fennessy, Fire Chief	<a href="mailto:brianfennessy@ocfa.org">brianfennessy@ocfa.org</a>	714.573.6010
Lori Zeller, Deputy Chief Administration & Support Bureau	<a href="mailto:lorizeller@ocfa.org">lorizeller@ocfa.org</a>	714.573.6020

#### **Summary**

This agenda item is submitted to amend Part 3, Article 1, Section 8 (Authority Issued Vehicles and Cash in Lieu Allowance Policy) and Appendix B (Administrative Management Classifications) of the Personnel and Salary Resolution (P&SR).

#### **Prior Board/Committee Action**

##### **Human Resources Committee Recommendation: *APPROVE***

At its regular February 5, 2019, meeting, the Human Resources Committee reviewed and unanimously recommended approval of amendments proposed at that time.

At the February 28 and April 25, 2019, Board meetings, OCFA staff pulled this item from the agenda to be returned to a future Board meeting.

#### **RECOMMENDED ACTION(S)**

Adopt the proposed amendment to Part 3, Article 1, Section 8 (Authority Issued Vehicles and Cash in Lieu Allowance Policy) and Appendix B (Administrative Management Classifications) of the Personnel and Salary Resolution.

#### **Impact to Cities/County**

Not Applicable.

#### **Fiscal Impact**

Over a seven-year period, which is the assumed useful life of Executive Management vehicles, a cash allowance in lieu of vehicles saves an average annual value of \$5,798 per employee, per year. There are three existing members of Executive Management who are currently authorized for vehicles and will transition to cash allowance; therefore, the P&SR amendment will produce an average annual savings of \$17,394 (\$5,798 x 3), as detailed in Attachment 1.

#### **Background**

The Personnel and Salary Resolution (P&SR) defines the terms and conditions of employment for Executive Management employees, including a policy for Authority issued vehicles and cash allowance in lieu of vehicle. The P&SR currently authorizes the Fire Chief to determine if an Executive Management employee requires an Authority-issued emergency/Code 3 response vehicle or a non-emergency vehicle, based on duties performed, and it provides an option for a \$500 monthly cash allowance in lieu of a vehicle. However, the P&SR specifies that the Director-



level classification of Executive Management is not eligible to receive an Authority-issued vehicle, but may only receive the cash allowance option for use of their personal vehicle for Authority business.

Initial staff reports for this proposed P&SR amendment in February and April 2019 suggested that the amount of Authority-related travel expected of the Director-level classification is on par with that of the other Executive Management classifications, and therefore, the prior staff reports and recommended actions sought to expand the option of an Authority-issued vehicle for the Director classification.

Further discussion has resulted in a change to the staff recommendation. Instead of requesting to expand the option for Authority-issued vehicles, we are now recommending restriction of Authority-issued vehicles to only those members of Executive Management whom the Fire Chief requires the use of an emergency/Code 3 response vehicle. All other members of Executive Management will receive a \$500 monthly cash allowance for use of their personal vehicle for Authority business. See Attachment 2 for the Proposed Amendments to the P&SR, which are proposed to become effective August 1, 2019.

In January 2019, staff conducted a survey to determine how other Orange County public agencies administer this type of benefit for their Executive Managers (Attachment 3). The survey queried which agencies offer an agency-issued vehicle and/or a monthly cash allowance, as well as which Executive Management classifications were eligible for the benefit. Of the eighteen responding agencies, sixteen provide a monthly cash allowance or an agency-issued vehicle to Executive Managers. Cash allowances range from \$225 to \$868 per month, depending on the classification.

The proposed P&SR amendment also includes an update to the “Administrative Management Classifications” identified in Appendix B of the P&SR to align with the classifications represented by the Orange County Fire Authority Management Association. Board approval is required for these amendments to the Personnel and Salary Resolution.

#### **Attachment(s)**

1. Summary of Fiscal Impact
2. Proposed Amendments to Personnel and Salary Resolution
3. Executive Management Vehicle/Cash Allowance Survey Results



**Amendments to Personnel & Salary Resolution  
Executive Management Vehicle vs. Cash Allowance Costs  
Fiscal Impact**

<b>Description</b>	<b>Vehicle Costs (including purchase) Year #1</b>	<b>Vehicle Costs Years #2 to #7</b>	<b>Average Annual Costs (with purchase spread over 7-year useful life)</b>
Vehicle Purchase	\$37,000	\$0	\$5,286
Fuel	3,716	3,716	3,716
Maintenance	2,569	2,569	2,569
Insurance	227	227	227
<b>Annual Vehicle Cost per Employee</b>	<b>43,512</b>	<b>6,512</b>	<b>11,798</b>
<b>Annual Cash Allowance Cost per Employee</b>	<b>6,000</b>	<b>6,000</b>	<b>6,000</b>
<b>Annual Savings - Cash Allowance vs. Vehicle</b>	<b>\$37,512</b>	<b>\$512</b>	<b>\$5,798</b>



# **PERSONNEL AND SALARY RESOLUTION**

## **ORANGE COUNTY FIRE AUTHORITY**

**Revisions Approved by the Board of Directors May 23, 2019**

**Effective August 1, 2019**

(Amendments to Part 3, Section 8 and to Appendix B Only)



**PART 3 - EXECUTIVE MANAGEMENT**  
**ARTICLE I**

**TERMS AND CONDITIONS OF EMPLOYMENT**

**Section 8. Authority Issued Vehicles and Cash in Lieu Allowance Policy**

A. Intent of Policy

This policy has been developed to provide a consistent application of the Vehicle Allowance benefit that covers the issuance of an Authority vehicle or a cash allowance in lieu of an Authority issued vehicle.

B. Authority Issued Vehicle

1. Emergency/Code 3 Response Vehicles

Based on the duties performed by each member of the Executive Management group, the Fire Chief shall determine if an employee shall be required to maintain a twenty-four (24) hour emergency/Code 3 response vehicle. This determination shall be based on the specific requirement of the job and shall take all of the following conditions into consideration:

- The duties of the position require a twenty-four (24) hour seven (7) days a week emergency/Code 3 response status.
- The duties require that the vehicle be equipped with emergency/Code 3 response and communications equipment, i.e., emergency lights, siren, emergency radio, etc.
- The duties dictate the use of the vehicle in a manner that insurance coverage is not available on an individual basis, i.e., emergency response and wildland traversing.

Upon determination by the Fire Chief that the Executive Management member's duties require an Authority issued emergency/Code 3 equipped response vehicle, the Fire Chief shall assign such vehicle to the employee. The Fire Chief, at his/her discretion, may at any time determine that there is no need for such vehicle and revoke the use of the vehicle.

Emergency/Code 3 response vehicles shall be provided at the discretion of the Fire Chief and be in accordance with the following conditions:

- Those employees who shall be provided emergency/Code 3 response vehicles may use the vehicles for personal use, but shall be available on a twenty-four (24) hour, seven (7) days a week emergency/Code 3 response status.



- The vehicles shall all conform to an established accessory standard.
- The vehicles shall be equipped with emergency/Code 3 equipment and shall be absent of visible organizational markings.
- The operation of the vehicles is limited to the employee and spouse when the employee is present in the vehicle.
- Authority provided vehicles shall not be taken out of the state without the approval of the Fire Chief
- Authority provided fuel for Authority issued vehicles shall be for business use only.

## ~~2. Non-emergency/Code 3 Response Vehicles~~

~~Should an Executive Management employee opt to receive an Authority issued vehicle, the issuance of the vehicle shall be in accordance with the following conditions:~~

- ~~• Those employees provided vehicles may use the vehicles for personal use.~~
- ~~• The vehicles shall all conform to an established accessory standard.~~
- ~~• The vehicles shall be absent of visible organizational markings.~~
- ~~• The operation of the vehicles is limited to the employee and spouse when the employee is present in the vehicle.~~
- ~~• Authority provided vehicles shall not be taken out of the state without the approval of the Fire Chief.~~
- ~~• Authority provided fuel for Authority issued vehicles shall be for business use only.~~

## 3.2. Record Keeping

It is understood that if an employee is issued an Authority vehicle, the vehicle shall be used for business and personal use. In determining the cash value of the personal use of the vehicle, the method of "Annual Lease Value" shall be applied. Upon receipt of the appropriate information from the employee, the Finance Manager shall calculate the appropriate cash value for the vehicle's personal use. The cash value shall be identified on the individual's W-2 in Box 1 as taxable income. The cash value shall cover the cost of the vehicle and its maintenance and insurance.



### C. Vehicle Cash Allowance

Those Executive Management employees who are not determined by the Fire Chief to be required to maintain a twenty-four (24) hour a day seven (7) days a week emergency/Code 3 response vehicle shall ~~have the option of an Authority provided vehicle or shall~~ receive a monthly cash allowance in the amount of five hundred (500) dollars for the use of their personal vehicle for Authority business. Such allowance shall be identified on their W-2 in Box 1, as taxable income. ~~The Human Resources Director and Director of Communications are only eligible to receive the monthly cash allowance.~~

Employees who use their personal vehicle for business purposes shall comply with the following requirements:

- They shall maintain and provide proof of adequate levels of personal vehicle insurance coverage.
- They shall purchase their own fuel for the vehicle.
- They shall ensure that the vehicle is properly maintained.



**ADMINISTRATIVE MANAGEMENT CLASSIFICATIONS**

0570 Accounting Manager  
1810 Assistant Clerk of the Authority  
1374 Assistant Information Technology Mgr - Customer Relations & Consulting  
1371 Assistant Information Technology Mgr - GIS & Data Management  
1373 Assistant Information Technology Mgr - Infrastructure & Workplace Support  
1372 Assistant Information Technology Mgr - Portfolio & Procurement  
1710 Assistant Treasurer  
0750 Benefit Services Manager  
1820 Clerk of the Authority  
0440 Construction Manager  
0190 Deputy Fire Marshal  
~~0765 Employee Relations Manager~~  
1530 EMS Coordinator  
1250 Emergency Communications Center Manager  
0430 Facilities Maintenance Manager  
0590 Finance Manager  
0280 Fleet Services Manager  
0765 Human Resources Manager  
1370 Information Technology Manager  
1630 Legislative Analyst  
1620 Management Analyst  
1540 Medical Director  
0760 Organizational and Development Training Program Manager  
0560 Payroll/Accounts Payable Manager  
0450 Property Manager  
0330 Purchasing and Materials Manager  
0860 Risk Management Analyst  
0870 Risk Management Safety Officer  
0880 Risk Manager  
0550 Senior Accountant  
0740 Senior Human Resources Analyst  
1720 Treasurer



**Executive Management - Vehicle or Auto Allowance Survey of Orange County Public Agencies**  
January 2019

**Attachment 3**

Agency	Auto Allowance for Exec Mgmt (Y or N)	Auto Allowance Amount (If amounts vary, please indicate range)	Positions Eligible for Allowance	Agency-Issued Vehicle (Y or N)	Positions Eligible for Agency-Issued Vehicle	Notes
<b>OCFA</b>	<b>Y</b>	<b>\$500</b>	<b><i>All (Unless Code 3 Vehicle Required), including Fire Chief, Asst. Chief, Deputy Fire Chief, and Director of HR &amp; Communications</i></b>	<b><i>Yes - Emergency/Code 3 Response Vehicles AND Non-emergency/Code 3 Response Vehicles</i></b>	<b><i>Determined by Fire Chief based on job duties</i></b>	<b><i>HR and Communications Director may only receive the monthly cash allowance</i></b>
Aliso Viejo, City of	Y	\$550	City Manager	N	N/A	Benefit provided Monthly
Anaheim, City of	Y	\$225 - 300	Mayor, City Council Members, Executive Managers (excluding the City Manager), Asst General Managers of: Electric Services, Finance & Administration, Water Services, Utilities Joint Services, Deputy City Engineer, Risk Manager, Traffic & Transportation Manager	Y	City Manager, Fire Chief, Police Chief	Resolution No 2006-118 & Resolution No 2006-117 Benefit provided Bi-Weekly
Buena Park, City of	Y	\$300	Asst. City Manager, City Clerk, Director of: Finance, HR/Risk Mgmt, Community Development, Community Services	N	N/A	Benefit provided Monthly
Dana Point, City of	Y		Asst. City Manager, Director of Community Development, City Clerk	Y	City Manager, Director of Public Works, Director of Admin. Services	Benefit provided Monthly Auto allowance amount not provided.
Garden Grove, City of	Y	\$868	City Manager, Deputy City Manager, City Clerk, Director of: Community Development, Community Services, Finance, Public Works, Human Resources, Information Technology, Fire Chief, Police Chief	Y	City Manager, Deputy City Manager, City Clerk, Directors of: Community Development, Community Services, Finance, Public Works, Human Resources, Information Technology, Fire Chief, Police Chief	Benefit provided Monthly Executives may choose between allowance and vehicle
Huntington Beach, City of	Y	\$550 - 650	City Manager, Asst. City Manager Director of: Building & Safety, Community Services, Economic Development, Human Resources, Library Services, Community Development, Public Works, Chief Information Officer, Chief Financial Officer, Fire Chief, Police Chief	Y	Fire Chief, Police Chief	Benefit provided Monthly



**Executive Management - Vehicle or Auto Allowance Survey of Orange County Public Agencies**  
**January 2019**

Agency	Auto Allowance for Exec Mgmt (Y or N)	Auto Allowance Amount (If amounts vary, please indicate range)	Positions Eligible for Allowance	Agency-Issued Vehicle (Y or N)	Positions Eligible for Agency-Issued Vehicle	Notes
Irvine, City of	Y	\$300 - 550	City Manager, Asst. City Manager, Asst. City Manager (Special Projects), City Clerk, Director of: Admin Services, Community Development, Great Park, Public Affairs and Communications, Public Safety/Chief of Police, Public Works, Transportation, Deputy City Manager, Deputy Director of: Admin Services, Community Services, Public Works, Public Safety/Police Chief, Community Development, Special Asst. to the Chief of Police, Chief Information Officer, Council Services Manager, Managers of: Advance Planning, Animal Care, Budget & Business Planning, Building & Safety/Chief Building Official, Business Services, Community Services, Engineering/City Engineer, Facility Maintenance and Rehabilitation, Fiscal Services, Great Park Planning & Development, Housing, HR, Land & Assets, Neighborhood Services, OC Great Park Corporation, Public Communications, Public Services, Transit & Transportation	Y	<b>Provided Choice of Allowance or Vehicle:</b> City Manager, Asst. City Manager, Asst. City Manager (Special Projects), City Clerk, Director of: Admin Services, Community Development, Great Park, Public Affairs and Communications, Public Safety/Chief of Police, Public Works, Transportation, Deputy City Manager, Deputy Director of: Admin Services, Community Services, Public Works, Public Safety/Police Chief, Community Development, Special Asst. to the Chief of Police	The City Manager may approve use of a City vehicle or mileage reimbursement for those miles traveled in the employee's vehicle, which exceed the miles covered by the vehicle allowance based on the current mileage rate.
La Palma, City of	Y	\$325	City Manager	Y	Police Chief & Police Captain	Police Chief and Captains also receive a gas card for fueling the vehicle. Benefit provided Monthly
Lake Forest, City of	Y	\$400	City Manager, Asst. City Manager, City Clerk, Directors of: Community Services, Community Development, Public Works/City Engineer, Finance, Mgmt Services	Y	City Manager, Asst. City Manager, City Clerk, Directors of: Community Services, Community Development, Public Works/City Engineer, Finance, Mgmt Services	Benefit provided Monthly Agency vehicle issued at City's discretion
Mission Viejo, City of	Y	\$300 - 550	City Manager, Asst. City Manager/Director of Public Services, Director of: IT, Admin. Services, Public Works, Recreation & Community Services, Community Development, Library & Cultural Services City Engineer, Public Services Operations Manager, Facilities Maintenance Manager, City Clerk	N	N/A	Benefit provided Monthly
Orange, City of	N					
Orange, County of	Y	\$600 - 765	Elected Officials, Department Heads, Senior Mgmt	N		Benefit provided Monthly
Rancho Santa Margarita, City of	N					



**Executive Management - Vehicle or Auto Allowance Survey of Orange County Public Agencies**  
January 2019

Agency	Auto Allowance for Exec Mgmt (Y or N)	Auto Allowance Amount (If amounts vary, please indicate range)	Positions Eligible for Allowance	Agency-Issued Vehicle (Y or N)	Positions Eligible for Agency-Issued Vehicle	Notes
San Juan Capistrano, City of	Y	\$ 225 - 350	City Manager, Asst. City Manager, City Clerk	Y	City Manager, Asst. City Manager, City Clerk	Auto Allowance is negotiated in employment contract, executives may elect for an allowance or a vehicle. Current executives have elected allowance. Benefit provided Monthly
Santa Ana, City of	Y	\$500	Exec Mgmt, City Manager, City Council, City Clerk, and City Attorney (if employee)	Y	Police Chief and City Manager	Only entitled to <i>either</i> car or allowance. Currently only Police Chief and City Manager have a car.
Stanton, City of	Y	\$300	City Manager, Director of: Public Works, Community Development, Admin. Services, Public Safety Services	Y	City Manager	Benefit provided Monthly City Manager may elect a vehicle in lieu of allowance
Tustin, City of	Y	\$400	Asst. City Manager, Deputy City Manager and all Directors	Y	City Manager, Police Chief, Deputy Police Chief and Police Captains	Benefit provided Monthly
Yorba Linda, City of	Y	\$275 - 550	Department Heads and designated Mid-Mgmt	N	N/A	Benefit provided Monthly





**Orange County Fire Authority**  
**AGENDA STAFF REPORT**

**Board of Directors Meeting**  
**May 23, 2019**

**Agenda Item No. 3D**  
**Consent Calendar**

**Irvine Settlement Agreement 115 Trust**

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**Contact(s) for Further Information**

Lori Zeller, Deputy Chief  
Administration & Support Bureau

[lorizeller@ocfa.org](mailto:lorizeller@ocfa.org)

714.573.6020

Tricia Jakubiak, Treasurer  
Treasury & Financial Planning

[triciajakubiak@ocfa.org](mailto:triciajakubiak@ocfa.org)

714.573.6301

**Summary**

This item is submitted for Board approval of an Internal Revenue Service (IRS) Section 115 irrevocable trust (115 Trust) as required under the Irvine Settlement Agreement approved by the OCFA Board of Directors on March 28, 2019 and the Irvine City Council on April 9, 2019.

**Prior Board/Committee Action**

At its March 28, 2019, meeting, the Board approved, as part of the Irvine Settlement Agreement, to establish a 115 Trust and to make annual deposits of \$2 million, dedicated solely for future application to OCFA's pension liability.

**RECOMMENDED ACTION(S)**

1. Approve and adopt the proposed Resolution entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS APPROVING THE ADOPTION OF THE PUBLIC AGENCIES POST-EMPLOYMENT BENEFITS TRUST ADMINISTERED BY PUBLIC AGENCY RETIREMENT SERVICES (PARS) approving the adoption of the Public Agencies Post-Employment Benefits Trust administered by Public Agency Retirement Services.
2. Approve and authorize the Board Chair to execute the Agreement for Administrative Services with PARS to act as Trust Administrator for the Trust.
3. Approve and authorize the Treasurer, as OCFA's Plan Administrator, to sign all documents reasonably necessary to implement the recommendations.

**Impact to Cities/County**

Not Applicable.

**Fiscal Impact**

The fiscal impact includes an annual transfer of \$2 million to the 115 Trust as outlined under the Irvine Settlement Agreement. The PARS annual asset fee is 0.25% for plan assets of \$10 million or less (\$5,000 for each \$2M in balance) and the U.S. Bank investment management fees are 0.35% for assets up to \$5 million (\$7,000 for each \$2M in balance). Based on OCFA's initial deposit of \$2 million, the annual fee will be \$12,000 and will be netted against the investment return. The fees for service are detailed in the Agreement for Administrative Services Exhibit 1B of Attachment 2 and Attachment 3.



## **Background**

The Irvine Settlement Agreement requires OCFA to deposit \$2 million per year in a 115 Trust established with PARS, the Orange County Employees' Retirement System (OCERS), or other agreed upon administrator to prefund its pension liability.

### ***PARS***

PARS provides an established trust, investment professionals, and a full-service approach. The advantages of using PARS include:

- PARS holds a Private Letter Ruling from the IRS which assures the tax-exempt status of this investment.
- OCFA will have its own account, and its funds will not be commingled with other agencies.
- OCFA will maintain local control over assets in the trust.
- OCFA determines the appropriate goals and risk tolerance level for the investments.

PARS client list for pension pre-funding includes the following seven Orange County cities within OCFA's jurisdiction: Cypress, Lake Forest, Santa Ana, Stanton, Tustin, Villa Park, and Westminster.

### ***OCERS Alternative***

In addition to evaluating PARS, staff also contacted OCERS to inquire if OCERS could administer a 115 Trust for pension funds. OCERS' research and discussions with tax counsel came to the following conclusions:

- OCERS currently does not have the authority to create or administer a 115 trust for the purpose of prefunding OCFA's pension liability.
- In order for OCERS to create and/or administer the 115 Trust, it would need to get the OCERS Board to direct staff to pursue legislation.

Staff is recommending moving ahead with PARS since it offers a 115 Trust and is the fastest option that could meet the timeframe of making the first deposit by July 1, 2019, as required under the Irvine Settlement Agreement.

## **Attachment(s)**

1. Proposed Resolution
2. Proposed Agreement (Posted on-line at OCFA.org)
3. U.S. Bank Fee Schedule



**RESOLUTION NO. 2019-XX**

**A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD  
OF DIRECTORS APPROVING THE ADOPTION OF THE PUBLIC  
AGENCIES POST-EMPLOYMENT BENEFITS TRUST ADMINISTERED  
BY PUBLIC AGENCY RETIREMENT SERVICES (PARS)**

*WHEREAS*, PARS has made available the PARS Public Agencies Post-Employment Benefits Trust (the “Program”) for the purpose of pre-funding pension obligations and/or OPEB obligations; and

*WHEREAS*, the Orange County Fire Authority (“Authority”) is eligible to participate in the Program, a tax-exempt trust performing an essential governmental function within the meaning of Section 115 of the Internal Revenue Code, as amended, and the Regulations issued thereunder, and a tax-exempt trust under the relevant statutory provisions of the State of California; and

*WHEREAS*, the Authority’s adoption and operation of the Program has no effect on any current or former employee’s entitlement to post-employment benefits; and

*WHEREAS*, the terms and conditions of post-employment benefit entitlement, if any, are governed by contracts separate from and independent of the Program; and

*WHEREAS*, the Authority’s funding of the Program does not, and is not intended to, create any new vested right to any benefit nor strengthen any existing vested right; and

*WHEREAS*, the Authority reserves the right to make contributions, if any, to the Program.

*NOW THEREFORE, BE IT RESOLVED*, that:

1. The OCFA Board of Directors hereby adopts the PARS Public Agencies Post-Employment Benefits Trust, effective May 23, 2019; and
2. The OCFA Board of Directors hereby appoints the Treasurer or his/her successor or his/her designee as the Authority’s Plan Administrator for the Program; and
3. The Authority’s Plan Administrator is hereby authorized to execute the PARS legal and administrative documents on behalf of the Authority and to take whatever additional actions are necessary to maintain the Authority’s participation in the Program and to maintain compliance of any relevant regulation issued or as may be issued; therefore, authorizing him/her to take whatever additional actions are required to administer the Authority’s Program.



*PASSED, APPROVED, AND ADOPTED* this 23<sup>rd</sup> day of May 2019.

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JOSEPH MULLER, CHAIR  
Board of Directors

ATTEST:

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SHERRY A.F. WENTZ, CMC  
Clerk of the Authority



## AGREEMENT FOR ADMINISTRATIVE SERVICES

This agreement ("Agreement") is made this 23<sup>rd</sup> day of May, 2019, between Phase II Systems, a corporation organized and existing under the laws of the State of California, doing business as Public Agency Retirement Services and PARS (hereinafter "PARS") and the Orange County Fire Authority ("Agency").

WHEREAS, the Agency has adopted the PARS Public Agencies Post-Employment Benefits Trust for the purpose of pre-funding pension obligations and/or OPEB obligations ("Plan"), and is desirous of retaining PARS as Trust Administrator to the Trust, to provide administrative services.

NOW THEREFORE, the parties agree:

1. **Services.** PARS will provide the services pertaining to the Plan as described in the exhibit attached hereto as "Exhibit 1A" ("Services") in a timely manner, subject to the further provisions of this Agreement.
2. **Fees for Services.** PARS will be compensated for performance of the Services as described in the exhibit attached hereto as "Exhibit 1B".
3. **Payment Terms.** Payment for the Services will be remitted directly from Plan assets unless the Agency chooses to make payment directly to PARS. In the event that the Agency chooses to make payment directly to PARS, it shall be the responsibility of the Agency to remit payment directly to PARS based upon an invoice prepared by PARS and delivered to the Agency. If payment is not received by PARS within thirty (30) days of the invoice delivery date, the balance due shall bear interest at the rate of 1.5% per month. If payment is not received from the Agency within sixty (60) days of the invoice delivery date, payment plus accrued interest will be remitted directly from Plan assets, unless PARS has previously received written communication disputing the subject invoice that is signed by a duly authorized representative of the Agency.
4. **Fees for Services Beyond Scope.** Fees for services beyond those specified in this Agreement will be billed to the Agency at the rates indicated in the PARS' standard fee schedule in effect at the time the services are provided and shall be payable as described in Section 3 of this Agreement. Before any such services are performed, PARS will provide the Agency with a detailed description of the services, terms, and applicable rates for such services. Such services, terms, and applicable rates shall be agreed upon in writing and executed by both parties.
5. **Information Furnished to PARS.** PARS will provide the Services contingent upon the Agency's providing PARS the information specified in the exhibit attached hereto as "Exhibit 1C" ("Data"). It shall be the responsibility of the Agency to certify the accuracy, content and completeness of the Data so that PARS may rely on such information without further audit. It shall further be the responsibility of the Agency to deliver the Data to PARS in such a manner that allows for a reasonable amount of time for the Services to be performed. Unless specified in Exhibit 1A, PARS shall be under no duty to question Data received from the Agency, to compute contributions made to the



Plan, to determine or inquire whether contributions are adequate to meet and discharge liabilities under the Plan, or to determine or inquire whether contributions made to the Plan are in compliance with the Plan or applicable law. In addition, PARS shall not be liable for non performance of Services to the extent such non performance is caused by or results from erroneous and/or late delivery of Data from the Agency. In the event that the Agency fails to provide Data in a complete, accurate and timely manner and pursuant to the specifications in Exhibit 1C, PARS reserves the right, notwithstanding the further provisions of this Agreement, to terminate this Agreement upon no less than ninety (90) days written notice to the Agency.

6. **Records.** Throughout the duration of this Agreement, and for a period of five (5) years after termination of this Agreement, PARS shall provide duly authorized representatives of Agency access to all records and material relating to calculation of PARS' fees under this Agreement. Such access shall include the right to inspect, audit and reproduce such records and material and to verify reports furnished in compliance with the provisions of this Agreement. All information so obtained shall be accorded confidential treatment as provided under applicable law.
7. **Confidentiality.** Without the Agency's consent, PARS shall not disclose any information relating to the Plan except to duly authorized officials of the Agency, subject to applicable law, and to parties retained by PARS to perform specific services within this Agreement.
8. **Independent Contractor.** PARS is and at all times hereunder shall be an independent contractor. As such, neither the Agency nor any of its officers, employees or agents shall have the power to control the conduct of PARS, its officers, employees or agents, except as specifically set forth and provided for herein. PARS shall pay all wages, salaries and other amounts due its employees in connection with this Agreement and shall be responsible for all reports and obligations respecting them, such as social security, income tax withholding, unemployment compensation, workers' compensation and similar matters.
9. **Indemnification.** PARS and Agency hereby indemnify each other and hold the other harmless, including their respective officers, directors, employees, agents and attorneys, from any claim, loss, demand, liability, or expense, including reasonable attorneys' fees and costs, incurred by the other as a consequence of, to the extent, PARS' or Agency's, as the case may be, negligent acts, errors or omissions with respect to the performance of their respective duties hereunder.
10. **Compliance with Applicable Law.** The Agency shall observe and comply with federal, state and local laws in effect when this Agreement is executed, or which may come into effect during the term of this Agreement, regarding the administration of the Plan. PARS shall observe and comply with federal, state and local laws in effect when this Agreement is executed, or which may come into effect during the term of this Agreement, regarding Plan administrative services provided under this Agreement.
11. **Applicable Law.** This Agreement shall be governed by and construed in accordance with the laws of the State of California. In the event any party institutes legal



proceedings to enforce or interpret this Agreement, venue and jurisdiction shall be in any state court of competent jurisdiction.

12. **Force Majeure.** When a party's nonperformance hereunder was beyond the control and not due to the fault of the party not performing, a party shall be excused from performing its obligations under this Agreement during the time and to the extent that it is prevented from performing by such cause, including but not limited to: any incidence of fire, flood, acts of God, acts of terrorism or war, commandeering of material, products, plants or facilities by the federal, state or local government, or a material act or omission by the other party.
13. **Ownership of Reports and Documents.** The originals of all letters, documents, reports, and data produced for the purposes of this Agreement shall be delivered to, and become the property of the Agency. Copies may be made for PARS but shall not be furnished to others without written authorization from Agency.
14. **Designees.** The Plan Administrator of the Agency, or their designee, shall have the authority to act for and exercise any of the rights of the Agency as set forth in this Agreement, subsequent to and in accordance with the written authority granted by the Governing Body of the Agency, a copy of which writing shall be delivered to PARS. Any officer of PARS, or his or her designees, shall have the authority to act for and exercise any of the rights of PARS as set forth in this Agreement.
15. **Notices.** All notices hereunder and communications regarding the interpretation of the terms of this Agreement, or changes thereto, shall be effected by delivery of the notices in person or by depositing the notices in the U.S. mail, registered or certified mail, return receipt requested, postage prepaid and addressed as follows:
  - (A) To PARS: PARS; 4350 Von Karman Avenue, Suite 100, Newport Beach, CA 92660; Attention: President
  - (B) To Agency: Orange County Fire Authority; 1 Fire Authority Road, Irvine, CA 92602; Attention: TreasurerNotices shall be deemed given on the date received by the addressee.
16. **Term of Agreement.** This Agreement shall remain in effect for the period beginning May 23, 2019 and ending May 23, 2022 ("Term"). This Agreement may be terminated at any time by giving thirty (30) days written notice to the other party of the intent to terminate. Absent a thirty (30) day written notice to the other party of the intent to terminate, this Agreement will continue unchanged for successive twelve month periods following the Term.
17. **Amendment.** This Agreement may not be amended orally, but only by a written instrument executed by the parties hereto.
18. **Entire Agreement.** This Agreement, including exhibits, contains the entire understanding of the parties with respect to the subject matter set forth in this Agreement. In the event a conflict arises between the parties with respect to any term, condition or provision of this Agreement, the remaining terms, conditions and provisions shall remain



in full force and legal effect. No waiver of any term or condition of this Agreement by any party shall be construed by the other as a continuing waiver of such term or condition.

19. **Attorneys Fees.** In the event any action is taken by a party hereto to enforce the terms of this Agreement the prevailing party herein shall be entitled to receive its reasonable attorney's fees.
20. **Counterparts.** This Agreement may be executed in any number of counterparts, and in that event, each counterpart shall be deemed a complete original and be enforceable without reference to any other counterpart.
21. **Headings.** Headings in this Agreement are for convenience only and shall not be used to interpret or construe its provisions.
22. **Effective Date.** This Agreement shall be effective on the date first above written, and also shall be the date the Agreement is executed.


**AGENCY:**

BY: \_\_\_\_\_  
Joseph Muller

TITLE: Chair

DATE: \_\_\_\_\_

**PARS:**

BY: \_\_\_\_\_  
Tod Hammeras

TITLE: Chief Financial Officer

DATE: 5/6/2019



## EXHIBIT 1A

### SERVICES

PARS will provide the following services for the Orange County Fire Authority Public Agencies Post-Employment Benefits Trust:

1. Plan Installation Services:

- (A) Meeting with appropriate Agency personnel to discuss plan provisions, implementation timelines, actuarial valuation process, funding strategies, benefit communication strategies, data reporting, and submission requirements for contributions/reimbursements/distributions;
- (B) Providing the necessary analysis and advisory services to finalize these elements of the Plan;
- (C) Providing the documentation needed to establish the Plan to be reviewed and approved by Agency legal counsel. Resulting final Plan documentation must be approved by the Agency prior to the commencement of PARS Plan Administration Services outlined in Exhibit 1A, paragraph 2 below.

2. Plan Administration Services:

- (A) Monitoring the receipt of Plan contributions made by the Agency to the trustee of the PARS Public Agencies Post-Employment Benefits Trust ("Trustee"), based upon information received from the Agency and the Trustee;
- (B) Performing periodic accounting of Plan assets, reimbursements/distributions, and investment activity, based upon information received from the Agency and/or Trustee;
- (C) Coordinating the processing of distribution payments pursuant to authorized direction by the Agency, and the provisions of the Plan, and, to the extent possible, based upon Agency-provided Data;
- (D) Coordinating actions with the Trustee as directed by the Plan Administrator within the scope of this Agreement;
- (E) Preparing and submitting a monthly report of Plan activity to the Agency, unless directed by the Agency otherwise;
- (F) Preparing and submitting an annual report of Plan activity to the Agency;
- (G) Facilitating actuarial valuation updates and funding modifications for compliance with GASB 45/75, if prefunding OPEB obligations;
- (H) Coordinating periodic audits of the Trust;
- (I) Monitoring Plan and Trust compliance with federal and state laws.

3. PARS is not licensed to provide and does not offer tax, accounting, legal, investment or actuarial advice.



EXHIBIT 1B  
FEES FOR SERVICES

PARS will be compensated for performance of Services, as described in Exhibit 1A based upon the following schedule:

An annual asset fee shall be paid from Plan assets based on the following schedule:

<u>For Plan Assets from:</u>			<u>Annual Rate:</u>
\$0	to	\$10,000,000	0.25%
\$10,000,001	to	\$15,000,000	0.20%
\$15,000,001	to	\$50,000,000	0.15%
\$50,000,001	and	above	0.10%

Annual rates are prorated and paid monthly. The annual asset fee shall be calculated by the following formula [Annual rate divided by 12 (months of the year) multiplied by the Plan asset balance at the end of the month]. Trustee and Investment Management Fees are not included.



EXHIBIT 1C  
DATA REQUIREMENTS

PARS will provide the Services under this Agreement contingent upon receiving the following information:

1. Executed Legal Documents:
  - (A) Certified Resolution
  - (B) Adoption Agreement to the Public Agencies Post-Employment Benefits Trust
  - (C) Trustee Investment Forms
2. Contribution – completed Contribution Transmittal Form signed by the Plan Administrator (or authorized Designee) which contains the following information:
  - (A) Agency name
  - (B) Contribution amount
  - (C) Contribution date
  - (D) Contribution method (Check, ACH, Wire)
3. Distribution – completed Payment Reimbursement/Distribution Form signed by the Plan Administrator (or authorized Designee) which contains the following information:
  - (A) Agency name
  - (B) Payment reimbursement/distribution amount
  - (C) Applicable statement date
  - (D) Copy of applicable premium, claim, statement, warrant, and/or administrative expense evidencing payment
  - (E) Signed certification of reimbursement/distribution from the Plan Administrator (or authorized Designee)
4. Other information pertinent to the Services as reasonably requested by PARS and Actuarial Provider.



# Discretionary Trustee Fee Schedule

## PARS Pension / OPEB Trust Program

This document is entered into by client and U.S. Bank National Association ("U.S. Bank"), as trustee.

### Discretionary Trustee Fees

Discretionary Trustee Fees are based on the Investment Strategy you select. Following is a list of the Discretionary Trustee Fees applicable to each Investment Strategy:

- **Liquidity – First American U.S. Treasury Money Market** – Fund level fees only (see prospectus)
- **Liquidity – First American Prime Obligation Fund Class Z** – Fund level fees only (see prospectus)
- **Diversified Portfolios (Conservative, Moderately Conservative, Moderate, Balanced, Capital Appreciation, Custom)**

Per Annum Charges\*

.35% on the first	\$5,000,000
.25% on the next	\$5,000,000
.20% on the next	\$5,000,000
.15% on the next	\$35,000,000
.10% on all over	\$50,000,000

\*Waived for plan assets invested in First American Funds.

### Other Fees

First American Funds (see prospectus)

### Payment of Fees

- Market values used for fee calculations on fee invoices may differ slightly from market values on client statements due to posting of accruals, late pricing of securities and/or other timing issues.
- Fees are calculated and charged to the account monthly. If account cannot be charged after 30 days, fees not paid will be subject to a late charge of 1% per month on the unpaid balance.
- Changes to this Fee Schedule may be made at any time by U.S. Bank upon a sixty (60) days notice.

### Acknowledged and Approved

Public Agencies Post-Employment Benefits Trust

Name of Plan/Trust

Name of Employer

Print Name of Authorized Signer for Employer

Title of Authorized Signer for Employer

Signature of Authorized Signer for Employer

Date

U.S. Bank and its representatives do not provide tax or legal advice. Each client's tax and financial situation is unique. Clients should consult their tax and/or legal advisor for advice and information concerning their particular situation.





**Orange County Fire Authority**  
**AGENDA STAFF REPORT**

**Board of Directors Meeting**  
**May 23, 2019**

**Agenda Item No. 4A**  
**Public Hearing**

**Adoption of the Fiscal Year 2019/20 Proposed Budget**

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**Contact(s) for Further Information**

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Administration & Support Bureau

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Business Services Department

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714.573.6012

**Summary**

This item presents the Fiscal Year 2019/20 Proposed General Fund and Capital Improvement Program (CIP) Budget.

**Prior Board/Committee Action**

**Budget and Finance Committee Recommendation: *APPROVE***

The CIP Ad Hoc Committee reviewed the Proposed CIP Budget with staff on April 10, 2019, and provided support for moving the CIP Budget forward to the Budget and Finance Committee and Board of Directors for approval. The Committee provided the following recommendations:

- Clarify the use of the General Fund CIP (12110) in future CIP documents.
- Continue to explore alternatives and funding sources to address gender neutral bathroom accommodations for all OCFA facilities within the next 5 years, including establishing funding agreements with effected cash contract cities to address their fire stations.
- Committee concurs with staff's recommendation to explore alternatives to the use of pagers.
- Identify the timing for Garden Grove fire station improvements and provide an update at a future date.

The City Managers' Budget and Finance Committee reviewed the FY 2019/20 Proposed Budget with staff on April 15, 2019, and recommended that the OCFA Budget and Finance Committee and Board of Directors adopt the FY 2019/20 Budget, as submitted.

At its regular May 8, 2019, meeting, the Budget and Finance Committee reviewed and unanimously recommended approval of this item.

**RECOMMENDED ACTION(S)**

1. Conduct a Public Hearing.
2. Adopt the proposed FY 2019/20 Budget as submitted.
3. Approve and adopt the proposed Resolution entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS ADOPTING AND APPROVING THE APPROPRIATIONS BUDGET FOR THE ORANGE COUNTY FIRE AUTHORITY FOR FISCAL YEAR 2019/20.
4. Approve and authorize the temporary transfer of up to \$75 million from the following funds to cover a projected temporary cash flow shortfall for FY 2019/20:



- a. Fund 123 Fire Stations and Facilities - \$10 million
- b. Fund 133 Fire Apparatus - \$10 million
- c. Fund 190 Workers' Compensation Reserve Fund - \$55 million
5. Approve and authorize the repayment of \$75 million borrowed funds from Fund 121 to the above funds along with interest when General Fund revenues become available in FY 2019/20.
6. Approve changes to the Master Position Control list to unfreeze, reclassify and/or add 127 positions as detailed in Attachment 3.
7. Approve transfers from the General Fund 121 and Fund 123 Fire Stations and Facilities to General Fund CIP Fund 12110, Fund 133 Fire Apparatus, and Fund 139 Settlement Agreement totaling \$36,568,000.
8. Approve and authorize FY 2018/19 budget adjustments to increase General Fund (121) revenues by net \$145,770 and General Fund (121) expenditures by \$38,014.

### **Impact to Cities/County**

The proposed FY 2019/20 budget results in a 4.5% increase in cash contract cities' base service charges. Total increases vary from city-to-city, based on annual catch up payments for all cities (for dollar impacts by city, please see page 24 of the Revenue section in the attached budget book).

### **Fiscal Impact**

See attached Proposed Budget.

### **Background**

We are pleased to present the proposed FY 2019/20 budget for your review and consideration. As required by the Fiscal Health Plan and Financial Stability Budget Policy, this proposed General Fund budget meets our policy reserve requirements and is balanced for FY 2019/20 and for all five years of the five-year forecast. The proposed budget includes revenues, expenditures, and positions associated with Garden Grove joining the OCFA and include additional position requests that will enhance the delivery of public safety services. Budget impacts for the Irvine Settlement Agreement are also included in the proposed Budget and Five-year Cash Flow Forecast. As a result of all of these factors, this budget is clearly one of expansion, yet in a very positive manner which includes retention of one key city (Irvine), addition of another (Garden Grove), and a broad array of support to continue enhancing services to OCFA's entire jurisdiction.

Transfers from the General Fund and Fund 123 Fire Stations and Facilities to two CIP funds and the newly established Fund 139 Irvine Settlement Agreement are reflected in the proposed budget. The Budget Overview in the attached budget book (Attachment 2) provides details relating to staff's recommendations to unfreeze and add positions to the Master Position Control list.

### ***Proposed 2018/19 Budget Adjustment***

Since the mid-year budget adjustment was approved by the Board in March, additional changes to the budget have become necessary. The proposed changes are as follows:

- Increase to General Fund (121) revenues in the net amount of \$145,770. This adjustment is comprised of the following:
  - \$520,000 increase to Secured Property Tax
  - \$50,000 decrease to Homeowner Property Tax Relief
  - \$500,000 increase to Supplemental Property tax
  - \$37,325 decrease to Interest
  - \$804,412 reduction in Planning and Development fees due to lower permit volume
  - \$17,507 increase in Urban Search & Rescue 2017 Grant Revenues



- Increase to General Fund (121) expenditures of \$38,014. This increase corrects a Carryover appropriation and increases expenditures to match the additional revenue, both for the 2017 Urban Search & Rescue Grant.

**Attachment(s)**

1. Proposed Resolution
2. FY 2019/20 Proposed Budget (Posted on-line at OCFA.org)
3. Proposed Master Position Control Changes



**RESOLUTION NO. 2019-XX**

**A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY  
BOARD OF DIRECTORS ADOPTING AND APPROVING THE  
APPROPRIATIONS BUDGET FOR THE ORANGE COUNTY FIRE  
AUTHORITY FOR FISCAL YEAR 2019/20**

*THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS DOES HEREBY  
RESOLVE AS FOLLOWS:*

The appropriations budget for the Orange County Fire Authority for Fiscal Year 2019/20 is approved and adopted by the Board of Directors as follows:

<u>General Fund Operating Appropriations</u>	
Salary and Employee Benefits	\$376,280,124
UAAL Pay-down to OCERS	\$9,648,658
Services and Supplies (including one-time)	\$34,307,269
Capital Outlay	<u>\$124,000</u>
Total Operating Appropriations	\$420,360,051
Operating Transfers-out of General Fund and Fund	
123 Fire Stations and Facilities	
To CIP Fund(s) and Settlement Agreement Fund	\$36,568,000
<u>Other Funds Appropriations</u>	
Fund 12110 – General Fund CIP	\$6,954,600
Fund 123 – Fire Stations and Facilities	\$8,895,000
Fund 124 – Communications and Info. Systems	\$1,935,117
Fund 133 – Fire Apparatus	\$11,894,710
Fund 139 – Settlement Agreement	\$2,168,000
Fund 171 – Structural Fire Entitlement Fund	\$971,617
Fund 190 – Self-Insurance Fund	<u>\$11,459,428</u>
Total Other Funds Appropriations	\$44,278,472
<u>Reserves</u>	
10% Operating Contingency	\$38,071,139
Appropriation for Contingencies	\$3,000,000



*PASSED, APPROVED and ADOPTED* this 23rd day of May 2019.

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JOSEPH MULLER, CHAIR  
OCFA Board of Directors

ATTEST:

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SHERRY A.F. WENTZ, CMC  
Clerk of the Authority



# **ORANGE COUNTY FIRE AUTHORITY**

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## **BOARD OF DIRECTORS FY 2019/20 PROPOSED BUDGET**



Business Services Department  
Treasury & Financial Planning  
May 23, 2019







# TABLE OF CONTENTS



## BOARD OF DIRECTORS

### FY 2019/20 PROPOSED GENERAL FUND AND CIP BUDGETS

May 23, 2019

<b>1</b>	<b>Budget Summary</b>	
	▪ Overview.....	1
	▪ General Fund Summary .....	4
	▪ Budget Highlights .....	5
	▪ Pending Issues .....	7
	▪ City Managers' Recommendation .....	8
	▪ Combined Budget Summary.....	9
	▪ Five-Year Forecast.....	11
	▪ Five-Year Forecast Assumptions.....	17
	▪ S&EB Assumptions .....	22
<b>2</b>	<b>Revenue</b>	
	▪ Revenue Schedules .....	26
	▪ Assumptions .....	30
<b>3</b>	<b>Business Services Department.....</b>	<b>32</b>
<b>4</b>	<b>Command and Emergency Planning.....</b>	<b>40</b>
<b>5</b>	<b>Community Risk Reduction .....</b>	<b>43</b>
<b>6</b>	<b>EMS and Training.....</b>	<b>49</b>
<b>7</b>	<b>Executive Management.....</b>	<b>54</b>
<b>8</b>	<b>Human Resources.....</b>	<b>59</b>
<b>9</b>	<b>Logistics.....</b>	<b>66</b>
<b>10</b>	<b>Operations.....</b>	<b>81</b>
<b>11</b>	<b>Special Operations.....</b>	<b>90</b>
<b>12</b>	<b>Capital Improvement Program Funds</b>	
	▪ Overview.....	99
	▪ CIP Highlights .....	100
	▪ CIP Five-Year Plan Summary .....	101
	▪ Five-Year Plan Project Listing .....	102
	▪ List of Stations.....	106
	▪ Fund 12110 .....	108
	▪ Fund 123 .....	137
	▪ Fund 124 .....	147
	▪ Fund 133 .....	153







## **Budget Overview**

We are pleased to present the proposed FY 2019/20 budget for your review and consideration. As required by the Fiscal Health Plan and Financial Stability Budget Policy, this proposed General Fund budget is balanced for FY 2019/20 and meets our policy reserve requirements. We have added revenues, expenditures, and positions associated with Garden Grove joining the OCFA and included additional position requests that will enhance the delivery of public safety services. Budget impacts for the Irvine Settlement Agreement are included on the Combined Budget Summary and Five-year Cash Flow Forecast. As a result of all of these factors, this budget is clearly one of expansion, yet in a very positive manner which includes retention of one key city (Irvine), addition of another (Garden Grove), and a broad array of support to continue enhancing services to OCFA's entire jurisdiction.

At 63% of our revenues, property taxes are the largest component of our General Fund revenue budget. OCFA contracts with Rosenow Spevacek Group (RSG) to conduct property tax forecasts for the next five fiscal years. Their projections, which are updated on an annual basis, are included in the five-year cash flow forecast located on page 11. RSG employs conservative assumptions and methodologies and have revised their forecast for property tax revenues over the five year forecast, modifying the estimated growth rate downward as compared to past forecasts. The growth rate is slowing as housing becomes less affordable due to price growth outpacing wage growth; increased mortgage interest rates; and a decline in tax incentives. Home resale transactions declined by 8.6% in 2018 in Orange County.

In keeping with RSG's forecasted trends, we have estimated that although property tax revenue dollars will continue to grow in FY 2019/20, the rate of estimated growth will slow as compared to previous years' estimates. Given the most current revenue trends, we have carefully evaluated the positions we are proposing to add with a focus to ensure these positions are sustainable based on our revenue growth, while also ensuring that the added costs have minimal impact to our cash contract member agencies. Seven of the proposed new positions in this budget are fully funded with reductions in other budget areas. With this FY 2019/20 budget, we are requesting to add the following twenty-three positions, unrelated to Garden Grove's transition to OCFA:

- 12 safety employees to provide constant staffing for the Heavy Rescue Truck (4 employees per shift, covering 3 shifts). This includes 3 Fire Captains, 3 Fire Apparatus Engineers and 6 Firefighters. (This change is funded by Structural Fire Fund property tax revenue.)
- 3 Firefighter/Paramedics to provide for one additional post position for the Engine at Fire Station 53 in the City of Yorba Linda. This addition converts a Paramedic Assessment Unit (PAU) Engine into an advanced life support (ALS) Paramedic Engine, and the change is consistent with the series of phased deployment enhancements that OCFA has been pursuing for roughly the past 4 years. (This change is funded by Structural Fire Fund property tax revenue.)
- One Nurse Educator Supervisor in EMS. Following the results of a study on the Nurse Educator classification it was determined that a need existed for a supervisor level position to allow for the rebalancing of the workload and prioritization of management and oversight responsibilities. This position will also provide needed back-up coverage to the



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**FY 2019/20 Proposed Budget**

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nurse educators during absences. (This change is funded by property tax revenue and cash contract city revenue.)

- Seven positions in Information Technology funded from a corresponding reduction in the IT services and supplies budget. Those positions include: 1 Communications installer, 2 GIS Technicians, 1 IT Analyst, and 3 Help-Desk technicians. Until now, these positions have been provided through a vendor contract, and staff anticipates improved continuity of services and better retention of skilled personnel by transitioning these services to in-house.

With the transition of Garden Grove to OCFA, we have also identified employee positions required for a successful conversion, a number of which are specified in the approved Fire Services Agreement. It is important to note that when OCFA previously transitioned Santa Ana, support positions were not added due to the recession that OCFA was navigating at that time. The addition of Garden Grove today has triggered an appropriate analysis of support positions needed for proper augmentation of the increased frontline workforce and services being provided to Santa Ana, Garden Grove, and all of OCFA's jurisdictions. Revenue and expenditure increases associated with the addition of Garden Grove are balanced, with no impact to OCFA's financial condition and no impact to existing cash contract city members. We are requesting to unfreeze, reclassify and add positions to the Master Position Control for the following positions:

Battalion Chief	Operations	3
Firefighter/Paramedic	Operations	36
Fire Apparatus Engineers	Operations	18
Fire Captains	Operations	18
Admin. Captain	Operations – Division 1	1
Nurse Educator	Emergency Medical Services	1
Training Captain	Emergency Medical Services	1
Fire Communications Dispatcher	Emergency Command Center	4
Administrative Assistant	Special Ops – Investigations	1
Day Investigator Captain	Special Ops – Investigations	1
Sr. Fire Prevention Specialist	Community Risk Reduction	1
Fire Prevention Specialist	Community Risk Reduction	4
Assistant Fire Marshall	Community Risk Reduction	1
Office Services Specialist	Community Risk Reduction	1
Community Educator	Community Risk Reduction	1
Management Analyst	Logistics	1
Facilities Maintenance Coord.	Logistics	1
Fire Equipment Technician	Logistics	1
Fire Delivery Driver	Logistics	1
Senior Fire Apparatus Technician	Logistics	1
Fire Apparatus Technician	Logistics	1
Buyer	Business Services	1
Administrative Assistant	Business Services	1
Sr. Accounting Support Spec.	Business Services	1
Human Resources Analyst II	Human Resources	1
Administrative Assistant	Human Resources	1
Diversity & Inclusion Coordinator	Human Resources	1
<b>Total Garden Grove Transition Positions &amp; Support Positions</b>		<b>104</b>



The budget development process continues to include the following measures:

- ***Vacant/Frozen Positions*** – Funding for frozen positions must be approved by the Board before filling; 3 positions continue to be frozen and are not funded in this proposed budget. At the highest-point following the recession, OCFA was carrying 103 frozen positions. As in the past, non-frozen vacant positions are funded.
- ***Services and Supplies*** – All sections were directed to hold their services and supplies (S&S) budget at the FY 2018/19 level after one-time increases were removed. Requested increases for FY 2019/20 were reviewed and approved on a case-by-case basis. Increases related to Garden Grove's transition to OCFA have been included and footnoted on each Department Summary page, along with other approved requests or changes.
- ***Salaries*** – The proposed budget includes scheduled salary increases for all positions included in an approved MOU, as well as Executive Management. Merit increases are included for qualifying employees. Salaries related to Garden Grove's transition are also included.
- ***Workers' Compensation*** – The workers' compensation annual budget is funded at the 50% confidence level per policy, using the latest actuarial report figures.
- ***Prioritization of Five-Year Capital Improvement Plan*** – The five-year CIP was updated and reviewed by the Executive Management team which evaluated all projects to ensure they contribute to the OCFA's mission of providing a safe, hazard-free work environment and quality service to our members and citizens. The five-year CIP was also reviewed and recommended for approval by the CIP Ad Hoc Committee.
- ***Snowball Plan*** – The budget includes approximately \$9.6M in additional unfunded pension liability payments, in accordance with Board direction to continue to pay-down the UAAL. Additionally, as well as at fiscal year onset, operating transfers of General Fund surplus to the CIP funds will be re-calculated at the Mid-Year Budget Adjustment in FY 2019/20. If feasible, the Policy calls for fifty percent to be directed to the CIP funds and the balance to be used to pay-down the unfunded pension liability, expanding the sources of pay-down past those contained in the original Snowball Plan.

Consistent with our approach since the end of the Great Recession, we have employed conservative measures in the development of the FY 2019/20 budget, balancing the needs of the agency based on current and future revenue growth. The employee positions we are seeking with this budget will better position the OCFA to improve and enhance the services we provide to our member agencies and the citizens we serve, while minimizing the impact to our cash contract city charges.



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**FY 2019/20 Proposed Budget**

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**ORANGE COUNTY FIRE AUTHORITY  
FUND 121 - GENERAL FUND  
REVENUE AND EXPENDITURE SUMMARY  
FY 2019/20 BUDGET**

	<b>FY 2018/19 Adjusted Budget</b>	<b>FY 2019/20 Proposed Budget<sup>(2)</sup></b>	<b>\$ Change from FY 2018/19 Adjusted</b>	<b>% Change from FY 2018/19 Adjusted</b>
<b>FUNDING SOURCES</b>				
Property Taxes	\$260,369,047	\$272,047,362	\$11,678,315	4.49%
Intergovernmental	20,102,301	19,961,585	(140,716)	-0.70%
Charges for Current Services <sup>(3)</sup>	111,987,105	136,507,014	24,519,909	21.90%
Use of Money & Property	919,770	1,170,026	250,256	27.21%
Other	1,001,382	1,028,785	27,403	2.74%
<b>Subtotal Revenues</b>	<b>394,379,605</b>	<b>430,714,772</b>	<b>36,335,167</b>	<b>9.21%</b>
One-time/Grant Revenues	15,222,523	-	(15,222,523)	-100.00%
<b>Total Revenues &amp; Other Financing Sources</b>	<b>409,602,128</b>	<b>430,714,772</b>	<b>21,112,644</b>	<b>5.15%</b>
Beginning Fund Balance	72,512,088	62,588,057	(9,924,031)	-13.69%
<b>TOTAL AVAILABLE RESOURCES</b>	<b>\$482,114,216</b>	<b>\$493,302,829</b>	<b>\$11,188,613</b>	<b>2.32%</b>
<b>EXPENDITURES</b>				
Salaries & Employee Benefits	\$340,363,305	\$376,280,124	\$35,916,819	10.55%
Services & Supplies	30,804,717	30,811,447	6,730	0.02%
Capital Outlay	363,157	124,000	(239,157)	-65.85%
<b>Subtotal Expenditures</b>	<b>371,531,179</b>	<b>407,215,571</b>	<b>35,684,392</b>	<b>9.60%</b>
One-Time/Grant Expenditures	22,748,822	3,495,822	(19,253,000)	-84.63%
UAAL Paydowns	19,167,397	9,648,658	(9,518,739)	-49.66%
<b>Total Expenditures &amp; Other Uses</b>	<b>413,447,398</b>	<b>420,360,051</b>	<b>6,912,653</b>	<b>1.67%</b>
Operating Transfer Out	6,078,761	28,568,000	22,489,239	369.96%
Appropriation for Contingencies <sup>(1)</sup>	3,000,000	3,000,000	-	0.00%
Ending Fund Balance	59,588,057	41,374,778	(18,213,279)	-30.57%
<b>TOTAL FUND COMMITMENTS &amp; FUND BALANCE</b>	<b>\$482,114,216</b>	<b>\$493,302,829</b>	<b>\$11,188,613</b>	<b>2.32%</b>

(1) Requires Board approval to spend

(2) Includes Garden Grove Transition Revenues and Expenditures from the approved Fire Services Agreement

(3) Estimates for CRR revenues for services provided in Garden Grove are still being developed and will be included in the Mid-Year Budget Adjustment for FY 2019/20



**ORANGE COUNTY FIRE AUTHORITY  
FY 2019/20 General Fund  
Proposed Budget Highlights  
May 2019**

*NOTE: This comparison is the Adjusted FY 2018/19 budget to the proposed FY 2019/20 budget, with one-time increases removed for comparison purposes. Revenues and expenditures related to the Garden Grove transition are included.*

***Revenue***

***\$36.3 million or a 9.21% increase***

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**Property Taxes** **\$11.7M increase**

- Based on 4.75% current secured growth per final RSG study of April 3, 2019, applied to the current year tax ledger, excluding public utility taxes.
- The refund factor is estimated at 1% based on historical trends

**State Reimbursements** **\$208K increase**

- Proposed FY 2019/20 budget includes an increase in the latest CAL FIRE contract

**Federal Reimbursements** **\$474K decrease**

- The decrease is attributable to changes in the SAFER grant for FY 2019/20. The reimbursable amount declines to 35% in the final year of the grant.

**Cash Contract Charges** **\$25.3M increase**

- The majority of the increase is due to the inclusion of pro-rated Garden Grove revenues in FY 2019/20 in the amount of \$20.0 million.
- The remaining changes are based on estimated 4.5% increase to cash contract cities service charge, plus the final annual catch-up payments from the 2010 shortfall, for an average increase of 5.62%
- The first year of 4<sup>th</sup> position phase-in costs for the cities of Buena Park, San Clemente, and Tustin are included in FY 2019/20.

**Community Risk Reduction Fees** **\$767K decrease**

- Based on current FY projections and input from CRR staff after concluding an analysis indicating a decrease in volume.
- Estimates for CRR revenues for services provided in Garden Grove are still being developed and will be included in the Mid-Year Budget Adjustment for FY 2019/20.

**Miscellaneous Revenue** **\$27K increase**

- The projection includes updated figures for the Fullerton Airport Hangar Lease, and Santa Ana College Agreement and miscellaneous revenues.



***Expenditures***  
***\$35.6 million or a 9.58% increase overall***

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**Regular Salaries** **\$18.4M increase**

- Includes funding for 23 proposed new positions unrelated to the Garden Grove transition, and pro-rated funding for 104 Garden Grove transition positions and support positions.
- Includes overtime budget of approximately \$38.0M
- MOU increases included for all employee groups; 2% increase for Executive Management
- FY 2019/20 proposed budget includes a \$4.4M deduction for average salary savings in the firefighter ranks

**Retirement** **\$10.2M increase**

- Snowball UAAL paydown amounts removed from calculation used to develop comparison
- Approximately \$3.5M of the increased cost results from maintaining stable retirement rates despite decreases resulting from the accelerated UAAL payments and three year phase-in of actuarially introduced changes such as extended mortality rates.

**Benefits** **\$4.9M increase**

- Workers' Comp is budgeted based on the 50% confidence level provided by the actuarial study completed in September, 2018.
- Firefighter group medical insurance based on blended rate of \$2,053 per month, an increase of \$98 per month
- Management dental insurance reflects an increase of 5.0%; vision 0.0%

**Services and Supplies/Equipment-Capital Outlay** **\$232K decrease**

- \$523,007 decrease to Logistics contracts budget to fund employee position requests.
- Services and Supplies increase of approximately \$937K, and station maintenance increase of \$105K related to Garden Grove's transition to OCFA are included
- Other increases approved in the FY 2019/20 budget were approved as one-time expenditures.



**ORANGE COUNTY FIRE AUTHORITY  
FY 2019/20 Pending Issues  
May, 2019**

**TRAN**

- We have determined that a Tax and Revenue Anticipation Note (TRAN) will not be needed in FY 2019/20. Concurrent with Budget Adoption the Board will be asked to approve interfund borrowing for cash flow purposes during FY 2019/20.

**WC Confidence Level Funding Amount**

- In keeping with the Board's approval of the Accelerated Snowball plan, we have reduced the WC expenditure budget by \$1.0M and allocated that funding to UAAL paydown.

**Community Risk Reduction Fees**

- Estimates for CRR revenues for services provided in Garden Grove are still being developed and will be included in the Mid-Year Budget Adjustment for FY 2019/20.

**US&R Grants**

- No estimate has been included for the new grant nor unspent funds of current grants



# **City Managers' Budget and Finance Committee Recommendations**

*The City Managers' Budget and Finance Committee (B&FC) met on April 15, 2019 to review the Proposed FY 2019/20 Budget, including the CIP Budget. They made the following formal recommendation:*

## **Formal Recommendation**

1. The City Managers' B&FC endorses and recommends that the OCFA Budget & Finance Committee and Board of Directors adopt the FY 2019/20 Budget, as submitted.







## FY 2019/20 Proposed Budget

### ORANGE COUNTY FIRE AUTHORITY COMBINED PROPOSED BUDGET SUMMARY FY 2019/20

	121 General Fund <sup>(2)</sup>	12110 General Fund CIP	123 Fire Stations & Facilities	124 Communications & Information Systems
<b>FUNDING SOURCES</b>				
Property Taxes	\$272,047,362	-	-	-
Intergovernmental	19,961,585	-	-	-
Charges for Current Services <sup>(3)</sup>	136,507,014	-	-	-
Use of Money & Property	1,170,026	-	385,115	91,948
Other	1,028,785	-	-	-
<b>Total Revenue &amp; Other Financing Sources</b>	<b>430,714,772</b>	<b>-</b>	<b>385,115</b>	<b>91,948</b>
Operating Transfer In	-	4,900,000	-	-
Beginning Fund Balance	62,588,057	2,068,320	24,581,544	4,291,739
<b>TOTAL AVAILABLE RESOURCES</b>	<b>\$493,302,829</b>	<b>\$6,968,320</b>	<b>\$24,966,659</b>	<b>\$4,383,687</b>
<b>EXPENDITURES</b>				
Salaries & Employee Benefits	\$376,280,124	-	-	-
Services & Supplies	30,811,447	6,954,600	-	-
Capital Outlay	124,000	-	8,895,000	1,935,117
<b>Subtotal Expenditures</b>	<b>407,215,571</b>	<b>6,954,600</b>	<b>8,895,000</b>	<b>1,935,117</b>
One-time/Grant/ABH	3,495,822	-	-	-
UAAL Paydown	9,648,658	-	-	-
<b>Total Expenditures &amp; Other Uses</b>	<b>420,360,051</b>	<b>6,954,600</b>	<b>8,895,000</b>	<b>1,935,117</b>
Appropriation for Contingencies <sup>(1)</sup>	3,000,000	-	-	-
Operating Transfer Out	28,568,000	-	8,000,000	-
Ending Fund Balance	41,374,778	13,720	8,071,659	2,448,570
<b>TOTAL FUND COMMITMENTS &amp; FUND BALANCE</b>	<b>\$493,302,829</b>	<b>\$6,968,320</b>	<b>\$24,966,659</b>	<b>\$4,383,687</b>

(1) Requires Board approval to spend

(2) Includes Garden Grove Transition Revenues and Expenditures from the approved Fire Services Agreement

(3) Estimates for CRR revenues for services provided in Garden Grove are still being developed and will be included in the Mid-Year Budget Adjustment for FY 2019/20



## Budget Summary & Overview

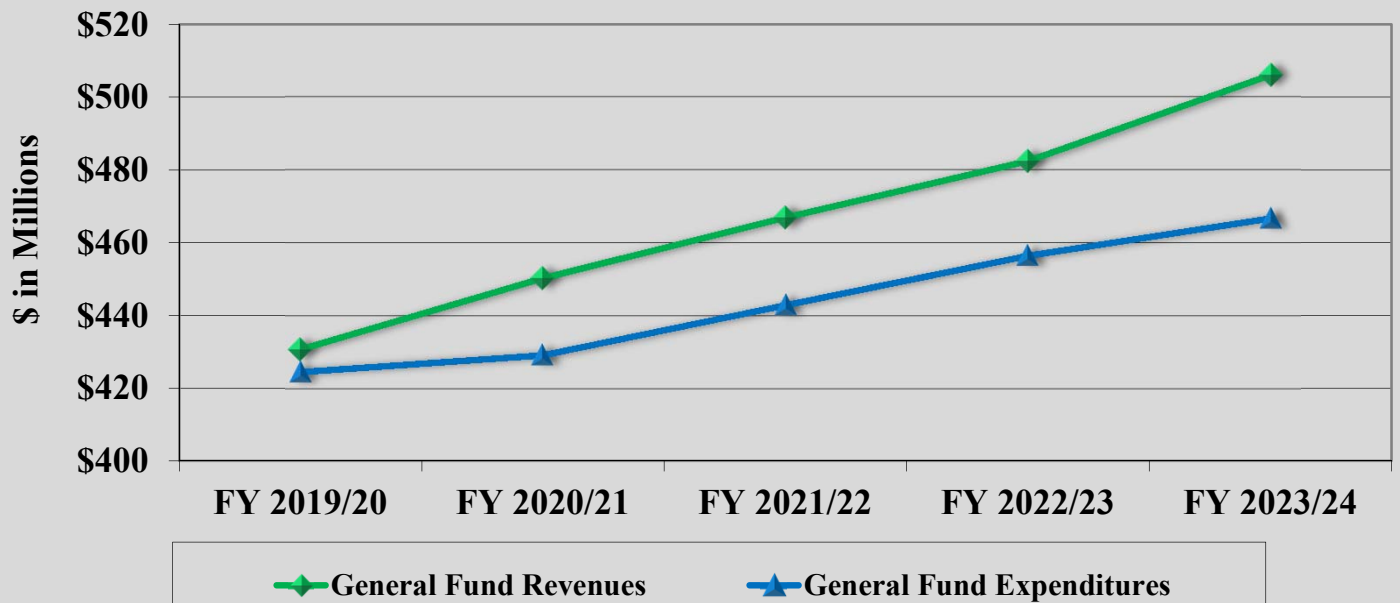
133 Fire Apparatus	139 Settlement Agreement	171 SFF Entitlement	190 Self- Insurance	Total
-	-	-	-	\$272,047,362
-	-	-	-	19,961,585
1,750,537	-	-	17,855,023	156,112,574
434,978	357,402	17,945	2,084,251	4,541,665
-	-	-	-	1,028,785
<b>2,185,515</b>	<b>357,402</b>	<b>17,945</b>	<b>19,939,274</b>	<b>453,691,971</b>
8,000,000	23,668,000	-	-	36,568,000
2,202,371	-	999,903	89,449,523	186,181,457
<b>\$12,387,886</b>	<b>\$24,025,402</b>	<b>\$1,017,848</b>	<b>\$109,388,797</b>	<b>\$676,441,428</b>
-	-	-	-	\$376,280,124
-	2,168,000	971,617	11,459,428	52,365,092
11,894,710	-	-	-	22,848,827
<b>11,894,710</b>	<b>2,168,000</b>	<b>971,617</b>	<b>11,459,428</b>	<b>451,494,043</b>
-	-	-	-	3,495,822
-	-	-	-	9,648,658
<b>11,894,710</b>	<b>2,168,000</b>	<b>971,617</b>	<b>11,459,428</b>	<b>464,638,523</b>
-	-	-	-	3,000,000
-	-	-	-	36,568,000
493,176	21,857,402	46,231	97,929,369	172,234,905
<b>\$12,387,886</b>	<b>\$24,025,402</b>	<b>\$1,017,848</b>	<b>\$109,388,797</b>	<b>\$676,441,428</b>



## FY 2019/20 Proposed Budget

### Scenario 1 - 0% Salary Increase After MOU Expirations Orange County Fire Authority Five-Year Financial Forecast

	Year 1 FY 2019/20	Year 2 FY 2020/21	Year 3 FY 2021/22	Year 4 FY 2022/23	Year 5 FY 2023/24
Beginning Fund Balance	186,181,457	175,234,905	172,110,116	186,994,637	196,859,527
General Fund Revenues	430,714,772	450,286,168	466,888,071	482,417,725	505,976,047
General Fund Expenditures	414,879,393	416,774,237	428,630,775	438,649,110	445,904,115
Paydown of UAAL	9,648,658	12,368,859	14,279,280	17,787,217	20,772,547
Total General Fund Expenditures	424,528,051	429,143,096	442,910,055	456,436,327	466,676,662
<b>Net General Fund Revenue</b>	<b>6,186,721</b>	<b>21,143,073</b>	<b>23,978,017</b>	<b>25,981,399</b>	<b>39,299,385</b>
Less Incremental Increase in 10% GF Op. Cont.	4,681,860	339,484	1,185,654	1,268,634	725,501
<b>General Fund Surplus / (Deficit)</b>	<b>1,504,861</b>	<b>20,803,588</b>	<b>22,792,363</b>	<b>24,712,765</b>	<b>38,573,885</b>
Operating Transfer to CIP Funds	1,504,861	20,803,588	22,792,363	12,356,383	19,286,942
Paydown of UAAL from General Fund Surplus	-	-	-	12,356,383	19,286,942
CIP/Other Revenues	28,650,060	48,146,715	53,452,046	42,113,497	49,213,462
CIP/Other Expenses	44,278,472	51,610,988	39,753,179	33,517,241	29,225,728
<b>CIP Surplus / (Deficit)</b>	<b>(15,628,412)</b>	<b>(3,464,273)</b>	<b>13,698,867</b>	<b>8,596,256</b>	<b>19,987,734</b>
<b>Ending Fund Balance</b>	<b>175,234,905</b>	<b>172,110,116</b>	<b>186,994,637</b>	<b>196,859,527</b>	<b>217,572,761</b>



	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24
General Fund Revenues	\$ 430.71	\$ 450.29	\$ 466.89	\$ 482.42	\$ 505.98
General Fund Expenditures	\$ 424.53	\$ 429.14	\$ 442.91	\$ 456.44	\$ 466.68



## Budget Summary & Overview

Scenario 1 - 0% Salary Increase After MOU Expirations		PROJECTED FY 2019/20	PROJECTED FY 2020/21	PROJECTED FY 2021/22	PROJECTED FY 2022/23	PROJECTED FY 2023/24
<b>A.</b>	<b>BEGINNING FUND BALANCE [b]</b>	<b>186,181,457</b>	<b>175,234,905</b>	<b>172,110,116</b>	<b>186,994,637</b>	<b>196,859,527</b>
<b>GENERAL FUND REVENUES</b>						
	Property Taxes	272,047,362	282,818,992	292,124,373	300,788,738	323,898,224
	State Reimbursements	7,182,575	7,182,575	7,182,575	7,182,575	7,182,575
	Federal Reimbursements	100,000	100,000	100,000	100,000	100,000
	One-Time Grant/ABH/RDA	414,682	-	-	-	-
	Community Redevelopment Agency Pass-thru	12,264,328	12,338,242	13,020,915	14,615,139	10,553,382
	Cash Contracts	125,692,632	134,901,897	141,466,971	146,683,892	151,144,202
	Community Risk Reduction Fees	6,161,323	6,161,323	6,161,323	6,161,323	6,161,323
	ALS Supplies & Transport Reimbursement	4,547,600	4,547,600	4,547,600	4,547,600	4,547,600
	Interest Earnings	1,170,026	1,101,295	1,150,070	1,204,214	1,254,498
	Other Revenue	1,134,244	1,134,244	1,134,244	1,134,244	1,134,244
	Unencumbered Fund Balance for Paydown of UAAL	-	-	-	-	-
	General Fund Carryover Fund Balance	-	-	-	-	-
	<b>TOTAL REVENUES</b>	<b>430,714,772</b>	<b>450,286,168</b>	<b>466,888,071</b>	<b>482,417,725</b>	<b>505,976,047</b>
<b>GENERAL FUND EXPENDITURES</b>						
	New Positions for New Stations	-	-	3,268,724	9,141,006	12,642,518
	Employee Salaries	233,000,753	235,637,238	236,844,267	237,330,855	237,827,175
	Retirement - Regular Annual Payments	87,892,113	87,793,498	91,154,145	90,772,452	90,506,263
	Retirement - Paydown of UAAL (Rate Savings)	1,648,658	2,368,859	3,279,280	4,787,217	5,772,547
	Retirement - Paydown of UAAL (Unencumb. Funds)	-	-	-	-	-
	Retirement - Paydown of UAAL (\$1M per Year from WC)	1,000,000	1,000,000	-	-	-
	Retirement - Paydown of UAAL (\$1M per Year, Increasing)	7,000,000	9,000,000	11,000,000	13,000,000	15,000,000
	Workers' Comp Transfer out to Self-Ins. Fund	17,855,023	18,907,204	20,504,420	21,119,553	21,753,139
	Other Insurance	34,191,881	36,588,149	38,815,492	41,187,845	43,715,699
	Medicare	3,340,354	3,411,682	3,418,600	3,425,655	3,432,852
	One-Time Grant/ABH Expenditures	-	-	-	-	-
	Salaries & Employee Benefits	385,928,782	394,706,631	408,284,929	420,764,583	430,650,193
	Services & Supplies/Equipment	34,431,269	31,768,465	31,775,515	32,442,565	32,539,616
	Irvine Settlement Agreement (Transfer to Fund 139)	4,168,000	2,668,000	2,668,000	2,668,000	2,668,000
	New Station/Enhancements S&S Impacts	-	-	181,611	561,179	818,853
	One-Time Grant Expenditures	-	-	-	-	-
	Transfer Out to CIP	-	-	-	-	-
	<b>TOTAL EXPENDITURES</b>	<b>424,528,051</b>	<b>429,143,096</b>	<b>442,910,055</b>	<b>456,436,327</b>	<b>466,676,662</b>
	<b>NET GENERAL FUND REVENUE</b>	<b>6,186,721</b>	<b>21,143,073</b>	<b>23,978,017</b>	<b>25,981,399</b>	<b>39,299,385</b>
<b>B.</b>	<b>Incremental Increase in GF 10% Contingency</b>	<b>4,681,860</b>	<b>339,484</b>	<b>1,185,654</b>	<b>1,268,634</b>	<b>725,501</b>
	<b>GENERAL FUND SURPLUS / (DEFICIT)</b>	<b>1,504,861</b>	<b>20,803,588</b>	<b>22,792,363</b>	<b>24,712,765</b>	<b>38,573,885</b>
<b>C.</b>	<b>Operating Transfers (from) Operating Contingency</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	Transfers to CIP Funds from General Fund Surplus	1,504,861	20,803,588	22,792,363	12,356,383	19,286,942
	One-Time Paydown of UAAL from General Fund Surplus	-	-	-	12,356,383	19,286,942
<b>Capital Improvement Program/Other Fund Revenues</b>						
	Interest Earnings	3,371,639	2,877,194	2,963,115	3,192,451	3,492,409
	State/Federal Reimbursement	-	-	-	-	-
	Cash Contracts	1,750,537	1,842,156	1,897,419	1,954,341	2,012,971
	Developer Contributions	-	1,048,573	2,626,729	822,770	-
	Workers' Comp Transfer in from GF	17,855,023	18,907,204	20,504,420	21,119,553	21,753,139
	Fund 139 Transfer in from GF	4,168,000	2,668,000	2,668,000	2,668,000	2,668,000
	Miscellaneous	-	-	-	-	-
	Operating Transfers from General Fund	1,504,861	20,803,588	22,792,363	12,356,383	19,286,942
	<b>Total CIP, W/C, Other Revenues</b>	<b>28,650,060</b>	<b>48,146,715</b>	<b>53,452,046</b>	<b>42,113,497</b>	<b>49,213,462</b>
<b>Capital Improvement Program/Other Fund Expenses</b>						
	Fund 12110 - General Fund CIP	6,954,600	6,805,100	5,959,000	2,758,300	2,866,300
	Fund 123 - Fire Stations and Facilities	8,895,000	18,600,000	9,675,000	8,000,000	-
	Fund 124 - Communications & Information Systems	1,935,117	3,774,898	1,950,000	851,394	600,000
	Fund 133 - Fire Apparatus	11,894,710	9,217,037	7,765,682	6,201,720	8,627,790
	<b>Sub-Total CIP Expenses</b>	<b>29,679,427</b>	<b>38,397,035</b>	<b>25,349,682</b>	<b>17,811,414</b>	<b>12,094,090</b>
	Fund 139 - Irvine Settlement	2,168,000	668,000	668,000	668,000	668,000
	Fund 171 - SFF Entitlement	971,617	-	-	-	-
	Fund 190 - WC Self-Ins. (Cashflow Payments per Actuary)	11,459,428	12,545,953	13,735,497	15,037,827	16,463,638
	<b>Total CIP, W/C, Other Expenses</b>	<b>44,278,472</b>	<b>51,610,988</b>	<b>39,753,179</b>	<b>33,517,241</b>	<b>29,225,728</b>
<b>D.</b>	<b>CIP SURPLUS/(DEFICIT)</b>	<b>(15,628,412)</b>	<b>(3,464,273)</b>	<b>13,698,867</b>	<b>8,596,256</b>	<b>19,987,734</b>
	<b>ENDING FUND BALANCE (A+B+C+D) [a]</b>	<b>175,234,905</b>	<b>172,110,116</b>	<b>186,994,637</b>	<b>196,859,527</b>	<b>217,572,761</b>
<b>Fund Balances</b>						
	Operating Contingency (10% of Expenditures)	41,071,139	41,410,624	42,596,277	43,864,911	44,590,412
	Fund 139 - Settlement Agreement	21,850,607	24,139,733	26,139,733	28,139,733	30,139,733
	Reserve for Cash Contract City Station Maintenance	510,000	510,000	510,000	510,000	510,000
	Donations & Restricted Funds	3,953,884	3,953,884	3,953,884	3,953,884	3,953,884
	Committed - SFF Cities Enhancement	46,088	46,088	46,088	46,088	46,088
	Capital Improvement Program	10,089,066	(3,606,195)	(304,064)	(1,543,334)	9,236,314
	Fund 190 - WC Self-Insurance	97,714,121	105,655,983	114,052,719	121,888,245	129,096,331
	<b>Total Fund Balances</b>	<b>175,234,905</b>	<b>172,110,116</b>	<b>186,994,637</b>	<b>196,859,527</b>	<b>217,572,761</b>

[a] Calculation removes fund balance transfers shown under General Fund Revenues as these are already included in Beginning

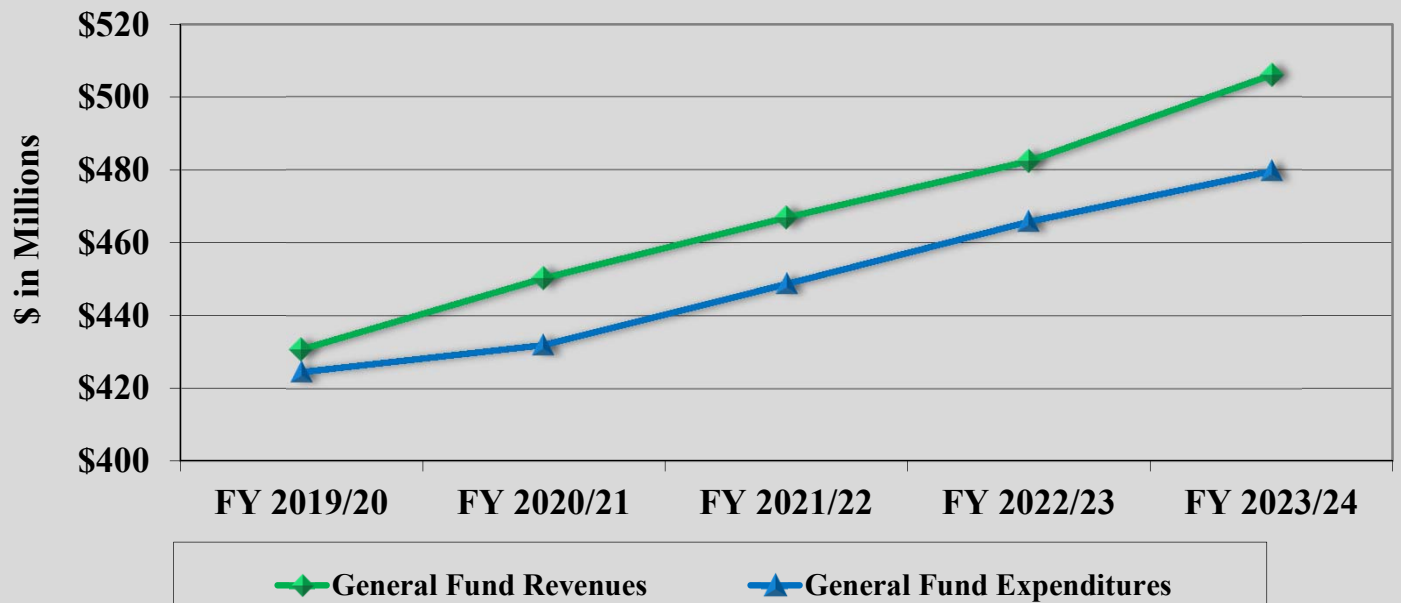
[b] Beginning fund balance adjusted to reflect Carryover adjustments included in FY 2018/19.



## FY 2019/20 Proposed Budget

### Scenario 2 - 1% Salary Increase After MOU Expirations Orange County Fire Authority Five-Year Financial Forecast

	Year 1 FY 2019/20	Year 2 FY 2020/21	Year 3 FY 2021/22	Year 4 FY 2022/23	Year 5 FY 2023/24
Beginning Fund Balance	186,181,457	175,234,905	169,288,856	178,263,710	190,958,344
General Fund Revenues	430,714,772	450,288,478	466,895,199	482,430,365	505,994,725
General Fund Expenditures	414,879,393	419,563,183	434,408,123	448,008,152	458,879,821
Paydown of UAAL	9,648,658	12,368,859	14,279,280	17,787,217	20,772,547
Total General Fund Expenditures	424,528,051	431,932,042	448,687,403	465,795,369	479,652,368
<b>Net General Fund Revenue</b>	<b>6,186,721</b>	<b>18,356,436</b>	<b>18,207,796</b>	<b>16,634,997</b>	<b>26,342,357</b>
Less Incremental Increase in 10% GF Op. Cont.	4,681,860	618,379	1,484,494	1,626,803	1,087,167
<b>General Fund Surplus / (Deficit)</b>	<b>1,504,861</b>	<b>17,738,057</b>	<b>16,723,302</b>	<b>15,008,194</b>	<b>25,255,190</b>
Operating Transfer to CIP Funds	1,504,861	17,738,057	16,723,302	15,008,194	16,770,983
Paydown of UAAL from General Fund Surplus	-	-	-	-	8,484,207
CIP/Other Revenues	28,650,060	45,046,560	47,243,538	44,585,072	46,516,896
CIP/Other Expenses	44,278,472	51,610,988	39,753,179	33,517,241	29,225,728
<b>CIP Surplus / (Deficit)</b>	<b>(15,628,412)</b>	<b>(6,564,428)</b>	<b>7,490,360</b>	<b>11,067,831</b>	<b>17,291,168</b>
<b>Ending Fund Balance</b>	<b>175,234,905</b>	<b>169,288,856</b>	<b>178,263,710</b>	<b>190,958,344</b>	<b>209,336,679</b>



	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24
General Fund Revenues	\$ 430.71	\$ 450.29	\$ 466.90	\$ 482.43	\$ 505.99
General Fund Expenditures	\$ 424.53	\$ 431.93	\$ 448.69	\$ 465.80	\$ 479.65



## Budget Summary & Overview

Scenario 2 - 1% Salary Increase After MOU Expirations		PROJECTED FY 2019/20	PROJECTED FY 2020/21	PROJECTED FY 2021/22	PROJECTED FY 2022/23	PROJECTED FY 2023/24
<b>A.</b>	<b>BEGINNING FUND BALANCE [b]</b>	<b>186,181,457</b>	<b>175,234,905</b>	<b>169,288,856</b>	<b>178,263,710</b>	<b>190,958,344</b>
<b>GENERAL FUND REVENUES</b>						
	Property Taxes	272,047,362	282,818,992	292,124,373	300,788,738	323,898,224
	State Reimbursements	7,182,575	7,182,575	7,182,575	7,182,575	7,182,575
	Federal Reimbursements	100,000	100,000	100,000	100,000	100,000
	One-Time Grant/ABH/RDA	414,682	-	-	-	-
	Community Redevelopment Agency Pass-thru	12,264,328	12,338,242	13,020,915	14,615,139	10,553,382
	Cash Contracts	125,692,632	134,901,897	141,466,971	146,683,892	151,144,202
	Community Risk Reduction Fees	6,161,323	6,161,323	6,161,323	6,161,323	6,161,323
	ALS Supplies & Transport Reimbursement	4,547,600	4,547,600	4,547,600	4,547,600	4,547,600
	Interest Earnings	1,170,026	1,103,605	1,157,198	1,216,854	1,273,176
	Other Revenue	1,134,244	1,134,244	1,134,244	1,134,244	1,134,244
	Unencumbered Fund Balance for Paydown of UAAL	-	-	-	-	-
	General Fund Carryover Fund Balance	-	-	-	-	-
	<b>TOTAL REVENUES</b>	<b>430,714,772</b>	<b>450,288,478</b>	<b>466,895,199</b>	<b>482,430,365</b>	<b>505,994,725</b>
<b>GENERAL FUND EXPENDITURES</b>						
	New Positions for New Stations	-	-	3,351,947	9,452,627	13,183,530
	Employee Salaries	233,000,753	237,637,816	240,891,420	243,785,612	246,718,501
	Retirement - Regular Annual Payments	87,892,113	88,552,859	92,742,505	93,271,750	93,921,093
	Retirement - Paydown of UAAL (Rate Savings)	1,648,658	2,368,859	3,279,280	4,787,217	5,772,547
	Retirement - Paydown of UAAL (Unencumb. Funds)	-	-	-	-	-
	Retirement - Paydown of UAAL (\$1M per Year from WC)	1,000,000	1,000,000	-	-	-
	Retirement - Paydown of UAAL (\$1M per Year, Increasing)	7,000,000	9,000,000	11,000,000	13,000,000	15,000,000
	Workers' Comp Transfer out to Self-Ins. Fund	17,855,023	18,907,204	20,504,420	21,119,553	21,753,139
	Other Insurance	34,191,881	36,588,149	38,815,492	41,187,845	43,715,699
	Medicare	3,340,354	3,440,691	3,477,213	3,519,022	3,561,390
	One-Time Grant/ABH Expenditures	-	-	-	-	-
	Salaries & Employee Benefits	385,928,782	397,495,577	414,062,277	430,123,625	443,625,899
	Services & Supplies/Equipment	34,431,269	31,768,465	31,775,515	32,442,565	32,539,616
	Irvine Settlement Agreement (Transfer to Fund 139)	4,168,000	2,668,000	2,668,000	2,668,000	2,668,000
	New Station/Enhancements S&S Impacts	-	-	181,611	561,179	818,853
	One-Time Grant Expenditures	-	-	-	-	-
	Transfer Out to CIP	-	-	-	-	-
	<b>TOTAL EXPENDITURES</b>	<b>424,528,051</b>	<b>431,932,042</b>	<b>448,687,403</b>	<b>465,795,369</b>	<b>479,652,368</b>
	<b>NET GENERAL FUND REVENUE</b>	<b>6,186,721</b>	<b>18,356,436</b>	<b>18,207,796</b>	<b>16,634,997</b>	<b>26,342,357</b>
<b>B.</b>	<b>Incremental Increase in GF 10% Contingency</b>	<b>4,681,860</b>	<b>618,379</b>	<b>1,484,494</b>	<b>1,626,803</b>	<b>1,087,167</b>
	<b>GENERAL FUND SURPLUS / (DEFICIT)</b>	<b>1,504,861</b>	<b>17,738,057</b>	<b>16,723,302</b>	<b>15,008,194</b>	<b>25,255,190</b>
<b>C.</b>	<b>Operating Transfers (from) Operating Contingency</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	Transfers to CIP Funds from General Fund Surplus	1,504,861	17,738,057	16,723,302	15,008,194	16,770,983
	One-Time Paydown of UAAL from General Fund Surplus	-	-	-	-	8,484,207
<b>Capital Improvement Program/Other Fund Revenues</b>						
	Interest Earnings	3,371,639	2,842,570	2,823,668	3,012,215	3,311,802
	State/Federal Reimbursement	-	-	-	-	-
	Cash Contracts	1,750,537	1,842,156	1,897,419	1,954,341	2,012,971
	Developer Contributions	-	1,048,573	2,626,729	822,770	-
	Workers' Comp Transfer in from GF	17,855,023	18,907,204	20,504,420	21,119,553	21,753,139
	Fund 139 Transfer in from GF	4,168,000	2,668,000	2,668,000	2,668,000	2,668,000
	Miscellaneous	-	-	-	-	-
	Operating Transfers from General Fund	1,504,861	17,738,057	16,723,302	15,008,194	16,770,983
	<b>Total CIP, W/C, Other Revenues</b>	<b>28,650,060</b>	<b>45,046,560</b>	<b>47,243,538</b>	<b>44,585,072</b>	<b>46,516,896</b>
<b>Capital Improvement Program/Other Fund Expenses</b>						
	Fund 12110 - General Fund CIP	6,954,600	6,805,100	5,959,000	2,758,300	2,866,300
	Fund 123 - Fire Stations and Facilities	8,895,000	18,600,000	9,675,000	8,000,000	-
	Fund 124 - Communications & Information Systems	1,935,117	3,774,898	1,950,000	851,394	600,000
	Fund 133 - Fire Apparatus	11,894,710	9,217,037	7,765,682	6,201,720	8,627,790
	<b>Sub-Total CIP Expenses</b>	<b>29,679,427</b>	<b>38,397,035</b>	<b>25,349,682</b>	<b>17,811,414</b>	<b>12,094,090</b>
	Fund 139 - Irvine Settlement	2,168,000	668,000	668,000	668,000	668,000
	Fund 171 - SFF Entitlement	971,617	-	-	-	-
	Fund 190 - WC Self-Ins. (Cashflow Payments per Actuary)	11,459,428	12,545,953	13,735,497	15,037,827	16,463,638
	<b>Total CIP, W/C, Other Expenses</b>	<b>44,278,472</b>	<b>51,610,988</b>	<b>39,753,179</b>	<b>33,517,241</b>	<b>29,225,728</b>
<b>D.</b>	<b>CIP SURPLUS/(DEFICIT)</b>	<b>(15,628,412)</b>	<b>(6,564,428)</b>	<b>7,490,360</b>	<b>11,067,831</b>	<b>17,291,168</b>
	<b>ENDING FUND BALANCE (A+B+C+D) [a]</b>	<b>175,234,905</b>	<b>169,288,856</b>	<b>178,263,710</b>	<b>190,958,344</b>	<b>209,336,679</b>
<b>Fund Balances</b>						
	Operating Contingency (10% of Expenditures)	41,071,139	41,689,518	43,174,012	44,800,815	45,887,982
	Fund 139 - Settlement Agreement	21,850,607	24,136,253	26,136,253	28,136,253	30,136,253
	Reserve for Cash Contract City Station Maintenance	510,000	510,000	510,000	510,000	510,000
	Donations & Restricted Funds	3,953,884	3,953,884	3,953,884	3,953,884	3,953,884
	Committed - SFF Cities Enhancement	46,088	46,088	46,088	46,088	46,088
	Capital Improvement Program	10,089,066	(6,683,850)	(9,513,619)	(8,182,300)	-
	Fund 190 - WC Self-Insurance	97,714,121	105,636,962	113,957,092	121,693,603	128,802,471
	<b>Total Fund Balances</b>	<b>175,234,905</b>	<b>169,288,856</b>	<b>178,263,710</b>	<b>190,958,344</b>	<b>209,336,679</b>

[a] Calculation removes fund balance transfers shown under General Fund Revenues as these are already included in Beginning

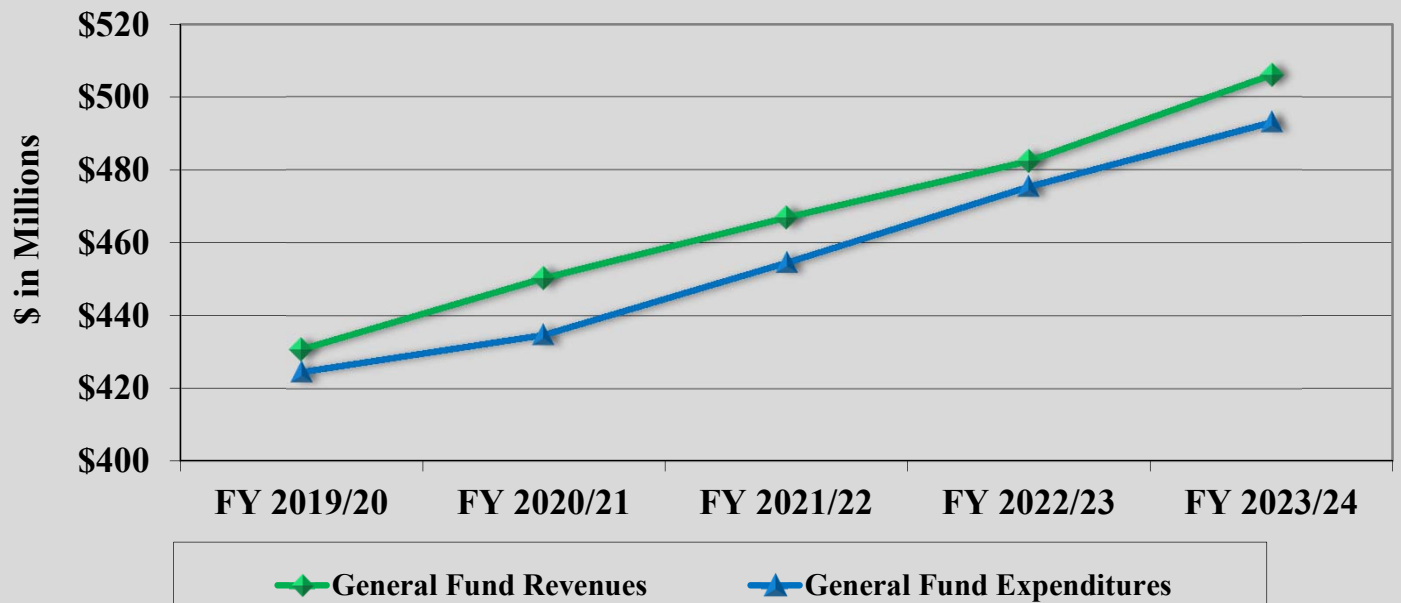
[b] Beginning fund balance adjusted to reflect Carryover adjustments included in FY 2018/19.



## FY 2019/20 Proposed Budget

### Scenario 3 - 2% Salary Increase After MOU Expirations Orange County Fire Authority Five-Year Financial Forecast

	Year 1 FY 2019/20	Year 2 FY 2020/21	Year 3 FY 2021/22	Year 4 FY 2022/23	Year 5 FY 2023/24
Beginning Fund Balance	186,181,457	175,234,905	166,463,658	169,461,798	172,288,473
General Fund Revenues	430,714,772	450,290,792	466,902,385	482,443,222	506,013,898
General Fund Expenditures	414,879,393	422,356,021	440,251,660	457,561,448	472,251,303
Paydown of UAAL	9,648,658	12,368,859	14,279,280	17,787,217	20,772,547
Total General Fund Expenditures	424,528,051	434,724,880	454,530,941	475,348,665	493,023,850
<b>Net General Fund Revenue</b>	<b>6,186,721</b>	<b>15,565,912</b>	<b>12,371,445</b>	<b>7,094,558</b>	<b>12,990,048</b>
Less Incremental Increase in 10% GF Op. Cont.	4,681,860	897,663	1,789,564	1,997,779	1,468,985
<b>General Fund Surplus / (Deficit)</b>	<b>1,504,861</b>	<b>14,668,249</b>	<b>10,581,881</b>	<b>5,096,779</b>	<b>11,521,063</b>
Operating Transfer to CIP Funds	1,504,861	14,668,249	10,581,881	5,096,779	11,521,063
Paydown of UAAL from General Fund Surplus	-	-	-	-	-
CIP/Other Revenues	28,650,060	41,942,078	40,961,755	34,346,139	40,758,530
CIP/Other Expenses	44,278,472	51,610,988	39,753,179	33,517,241	29,225,728
<b>CIP Surplus / (Deficit)</b>	<b>(15,628,412)</b>	<b>(9,668,910)</b>	<b>1,208,576</b>	<b>828,897</b>	<b>11,532,802</b>
<b>Ending Fund Balance</b>	<b>175,234,905</b>	<b>166,463,658</b>	<b>169,461,798</b>	<b>172,288,473</b>	<b>185,290,261</b>



	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24
General Fund Revenues	\$ 430.71	\$ 450.29	\$ 466.90	\$ 482.44	\$ 506.01
General Fund Expenditures	\$ 424.53	\$ 434.72	\$ 454.53	\$ 475.35	\$ 493.02



## Budget Summary & Overview

Scenario 3 - 2% Salary Increase After MOU Expirations		PROJECTED FY 2019/20	PROJECTED FY 2020/21	PROJECTED FY 2021/22	PROJECTED FY 2022/23	PROJECTED FY 2023/24
<b>A.</b>	<b>BEGINNING FUND BALANCE [b]</b>	<b>186,181,457</b>	<b>175,234,905</b>	<b>166,463,658</b>	<b>169,461,798</b>	<b>172,288,473</b>
<b>GENERAL FUND REVENUES</b>						
	Property Taxes	272,047,362	282,818,992	292,124,373	300,788,738	323,898,224
	State Reimbursements	7,182,575	7,182,575	7,182,575	7,182,575	7,182,575
	Federal Reimbursements	100,000	100,000	100,000	100,000	100,000
	One-Time Grant/ABH/RDA	414,682	-	-	-	-
	Community Redevelopment Agency Pass-thru	12,264,328	12,338,242	13,020,915	14,615,139	10,553,382
	Cash Contracts	125,692,632	134,901,897	141,466,971	146,683,892	151,144,202
	Community Risk Reduction Fees	6,161,323	6,161,323	6,161,323	6,161,323	6,161,323
	ALS Supplies & Transport Reimbursement	4,547,600	4,547,600	4,547,600	4,547,600	4,547,600
	Interest Earnings	1,170,026	1,105,919	1,164,384	1,229,711	1,292,349
	Other Revenue	1,134,244	1,134,244	1,134,244	1,134,244	1,134,244
	Unencumbered Fund Balance for Paydown of UAAL	-	-	-	-	-
	General Fund Carryover Fund Balance	-	-	-	-	-
	<b>TOTAL REVENUES</b>	<b>430,714,772</b>	<b>450,290,792</b>	<b>466,902,385</b>	<b>482,443,222</b>	<b>506,013,898</b>
<b>GENERAL FUND EXPENDITURES</b>						
	New Positions for New Stations	-	-	3,436,948	9,773,579	13,745,423
	Employee Salaries	233,000,753	239,641,185	244,984,335	250,372,083	255,877,492
	Retirement - Regular Annual Payments	87,892,113	89,313,279	94,348,848	95,822,348	97,439,277
	Retirement - Paydown of UAAL (Rate Savings)	1,648,658	2,368,859	3,279,280	4,787,217	5,772,547
	Retirement - Paydown of UAAL (Unencumb. Funds)	-	-	-	-	-
	Retirement - Paydown of UAAL (\$1M per Year from WC)	1,000,000	1,000,000	-	-	-
	Retirement - Paydown of UAAL (\$1M per Year, Increasing)	7,000,000	9,000,000	11,000,000	13,000,000	15,000,000
	Workers' Comp Transfer out to Self-Ins. Fund	17,855,023	18,907,204	20,504,420	21,119,553	21,753,139
	Other Insurance	34,191,881	36,588,149	38,815,492	41,187,845	43,715,699
	Medicare	3,340,354	3,469,740	3,536,490	3,614,297	3,693,803
	One-Time Grant/ABH Expenditures	-	-	-	-	-
	Salaries & Employee Benefits	385,928,782	400,288,415	419,905,814	439,676,921	456,997,381
	Services & Supplies/Equipment	34,431,269	31,768,465	31,775,515	32,442,565	32,539,616
	Irvine Settlement Agreement (Transfer to Fund 139)	4,168,000	2,668,000	2,668,000	2,668,000	2,668,000
	New Station/Enhancements S&S Impacts	-	-	181,611	561,179	818,853
	One-Time Grant Expenditures	-	-	-	-	-
	Transfer Out to CIP	-	-	-	-	-
	<b>TOTAL EXPENDITURES</b>	<b>424,528,051</b>	<b>434,724,880</b>	<b>454,530,941</b>	<b>475,348,665</b>	<b>493,023,850</b>
	<b>NET GENERAL FUND REVENUE</b>	<b>6,186,721</b>	<b>15,565,912</b>	<b>12,371,445</b>	<b>7,094,558</b>	<b>12,990,048</b>
<b>B.</b>	<b>Incremental Increase in GF 10% Contingency</b>	<b>4,681,860</b>	<b>897,663</b>	<b>1,789,564</b>	<b>1,997,779</b>	<b>1,468,985</b>
	<b>GENERAL FUND SURPLUS / (DEFICIT)</b>	<b>1,504,861</b>	<b>14,668,249</b>	<b>10,581,881</b>	<b>5,096,779</b>	<b>11,521,063</b>
<b>C.</b>	<b>Operating Transfers (from) Operating Contingency</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	Transfers to CIP Funds from General Fund Surplus	1,504,861	14,668,249	10,581,881	5,096,779	11,521,063
	One-Time Paydown of UAAL from General Fund Surplus	-	-	-	-	-
<b>Capital Improvement Program/Other Fund Revenues</b>						
	Interest Earnings	3,371,639	2,807,896	2,683,306	2,684,696	2,803,357
	State/Federal Reimbursement	-	-	-	-	-
	Cash Contracts	1,750,537	1,842,156	1,897,419	1,954,341	2,012,971
	Developer Contributions	-	1,048,573	2,626,729	822,770	-
	Workers' Comp Transfer in from GF	17,855,023	18,907,204	20,504,420	21,119,553	21,753,139
	Fund 139 Transfer in from GF	4,168,000	2,668,000	2,668,000	2,668,000	2,668,000
	Miscellaneous	-	-	-	-	-
	Operating Transfers from General Fund	1,504,861	14,668,249	10,581,881	5,096,779	11,521,063
	<b>Total CIP, W/C, Other Revenues</b>	<b>28,650,060</b>	<b>41,942,078</b>	<b>40,961,755</b>	<b>34,346,139</b>	<b>40,758,530</b>
<b>Capital Improvement Program/Other Fund Expenses</b>						
	Fund 12110 - General Fund CIP	6,954,600	6,805,100	5,959,000	2,758,300	2,866,300
	Fund 123 - Fire Stations and Facilities	8,895,000	18,600,000	9,675,000	8,000,000	-
	Fund 124 - Communications & Information Systems	1,935,117	3,774,898	1,950,000	851,394	600,000
	Fund 133 - Fire Apparatus	11,894,710	9,217,037	7,765,682	6,201,720	8,627,790
	<b>Sub-Total CIP Expenses</b>	<b>29,679,427</b>	<b>38,397,035</b>	<b>25,349,682</b>	<b>17,811,414</b>	<b>12,094,090</b>
	Fund 139 - Irvine Settlement	2,168,000	668,000	668,000	668,000	668,000
	Fund 171 - SFF Entitlement	971,617	-	-	-	-
	Fund 190 - WC Self-Ins. (Cashflow Payments per Actuary)	11,459,428	12,545,953	13,735,497	15,037,827	16,463,638
	<b>Total CIP, W/C, Other Expenses</b>	<b>44,278,472</b>	<b>51,610,988</b>	<b>39,753,179</b>	<b>33,517,241</b>	<b>29,225,728</b>
<b>D.</b>	<b>CIP SURPLUS/(DEFICIT)</b>	<b>(15,628,412)</b>	<b>(9,668,910)</b>	<b>1,208,576</b>	<b>828,897</b>	<b>11,532,802</b>
	<b>ENDING FUND BALANCE (A+B+C+D) [a]</b>	<b>175,234,905</b>	<b>166,463,658</b>	<b>169,461,798</b>	<b>172,288,473</b>	<b>185,290,261</b>
<b>Fund Balances</b>						
	Operating Contingency (10% of Expenditures)	41,071,139	41,968,802	43,758,366	45,756,145	47,225,130
	Fund 139 - Settlement Agreement	21,850,607	24,132,769	26,132,769	28,132,769	30,132,769
	Reserve for Cash Contract City Station Maintenance	510,000	510,000	510,000	510,000	510,000
	Donations & Restricted Funds	3,953,884	3,953,884	3,953,884	3,953,884	3,953,884
	Committed - SFF Cities Enhancement	46,088	46,088	46,088	46,088	46,088
	Capital Improvement Program	10,089,066	(9,765,799)	(18,800,243)	(27,527,933)	(24,824,680)
	Fund 190 - WC Self-Insurance	97,714,121	105,617,914	113,860,934	121,417,520	128,247,070
	<b>Total Fund Balances</b>	<b>175,234,905</b>	<b>166,463,658</b>	<b>169,461,798</b>	<b>172,288,473</b>	<b>185,290,261</b>

[a] Calculation removes fund balance transfers shown under General Fund Revenues as these are already included in Beginning

[b] Beginning fund balance adjusted to reflect Carryover adjustments included in FY 2018/19.



## **Forecast Assumptions – FY 2019/20 Budget**

### **Basic Assumptions**

The Adopted FY 2018/19 budget, and the Five-Year Capital Improvement Plan approved by the Board of Directors on May 24, 2018 form the basis for this financial forecast with the following adjustments:

- Updated total beginning fund balance from the FY 2017/18 audited financial statements
- All approved budget adjustments that have occurred since the adoption of the budget
- Approved FY 2018/19 mid-year adjustments
- Revised 5-Year CIP Plan for FY 2019/20 – FY 2023/24 based on input from CIP managers.

### **General Fund Revenues**

- ***Secured Property Taxes*** – Rosenow Spevacek Group’s Final 2019 Report provides the growth factors assumed for the forecast. The following are projections of current secured property tax growth:

FY 2019/20	4.75%
FY 2020/21	4.21%
FY 2021/22	3.49%
FY 2022/23	3.14%
FY 2023/24	8.12% *

\* Increase primarily attributable to dissolution of Irvine Successor Agency. Former pass-through revenues reported as secured property tax revenues post dissolution.

- ***Public Utility, Unsecured, Homeowners Property Tax Relief, and Supplemental Delinquent Taxes*** – All of these categories of property taxes are projected to remain constant during the forecast period.
- ***State Reimbursements*** – State reimbursements are expected to remain constant, pending more details from CAL FIRE.
- ***Federal Reimbursements*** – This revenue is projected to remain constant.
- ***One-Time Grant/ABH/RDA Proceeds*** – These are one-time only revenues that vary significantly from year to year and therefore are not forecasted beyond the current year with the exception of the SAFER Grant budgeted for FY 2019/20. Board actions to date and proposed mid-year adjustments have increased the FY 2018/19 adopted budget by \$22.7M for one-time increases in grants, assistance by hire, and other one-time expenditures.
- ***Community Redevelopment Agency Pass-thru Revenue*** – RSG completed a Redevelopment Area Excess Revenue Analysis of pass-thru and residual revenues from the dissolution of the redevelopment agencies dated 4/3/2019. The forecast figures come from this report.



- **Cash Contracts** – The forecast calculations are based on the Joint Powers Agreement and subsequent amendments and year-over-year changes are estimated between 3.50% and 4.50% per year. In addition, this revenue category includes estimated John Wayne Airport contract proceeds with an annual 4% increase cap, which is projected to continue through the forecast period.
- **Community Risk Reduction Fees** – Community risk reduction fees are projected to remain constant through the forecast period, pending any changes approved by the Board.
- **ALS Supplies & Transport Reimbursements** – This revenue is estimated to remain flat, pending any changes approved by the Board.
- **Interest Earnings** – Assumes an annual return of 2.00% for FY 2018/19, and 2.25% for FY 2019/20 through FY 2023/24.
- **Other Revenue** – This revenue source includes various items such as reimbursements for training and cost recovery for the firefighter handcrew.

### **General Fund Expenditures**

- **Salaries & Employee Benefits** – S&EB is composed of the following factors:
  - ✓ **New Positions for New Stations** – The forecast assumes that vehicles will be in service beginning 7/1/2021 for Station 67, 7/1/2022 for Station 12, and 7/1/2023 for Station 52.
  - ✓ **Employee Salaries** – Projected salaries reflect increases consistent with the approved labor group MOUs. In addition, annual salary increases of 2% projected for the years that follow expiration of the current MOUs.
  - ✓ **Retirement** – Retirement costs reflecting the projected employer retirement rates are based on the OCERS provided rates for FY 2019/20. The projected employer rates in the outer years of the forecast are based on a study prepared by Segal Consulting and provided by OCERS dated 7/3/2018. FY 2019/20 rates are approximately 0.05% higher for safety and 2.30% higher for non-safety compared to FY 2018/19 rates.

<b>FY</b>	<b>Safety</b>	<b>General</b>	<b>Source</b>
2018/19	51.95%	34.62%	Effective rates for FY 2018/19 provided by OCERS adjusted to remove impact of additional OCFA UAAL contributions.
2019/20	50.20%	35.12%	FY 2019/20 based on OCERS provided rates. Outer years based on Segal Study dated 7/3/2018. Effective rates were adjusted to remove impact of additional OCFA UAAL contributions.
2020/21	53.66%	38.22%	
2021/22	55.56%	39.72%	
2022/23	55.16%	39.72%	
2023/24	54.86%	39.62%	

*Note: employer rates shown in the table above do not include the portion of the employee rate that is paid by OCFA*

FY 2018/19 includes a mid-year adjustment of \$10.0M for accelerated paydown of OCFA's Unfunded Actuarial Accrued Liability (UAAL) from unencumbered fund balance carried over from FY 2017/18.



In accordance with the Updated Snowball Strategy presented to the board in November 2015, outer years of the forecast include the following projected UAAL paydowns:

- Contributing additional funds each year using projected savings that will be realized under new Public Employees' Pension Reform Act (PEPRA) of \$1.6M in FY 2019/20 and continuing in different amounts until payment is complete.
  - Contributing an additional \$1M each year starting in FY 2016/17 and increasing by \$2M each year until it reaches \$15M and continuing at \$15M thereafter.
  - Contributing \$1 million per year from surplus fund balance available in the Workers' Compensation Self Insurance Fund from FY 2016/17 through FY 2020/21.
  - Beginning in FY 2017/18 at mid-year, allocate 50% of the General Fund surplus, if any, to UAAL with the remaining 50% used to fund CIP.
- ✓ **Workers' Compensation** – FY 2018/19 assumes a 50% confidence level for ongoing Workers' Compensation costs. The 50% confidence level is assumed throughout the forecast period. Workers' Compensation costs in the forecast period are based on projected payments in the Rivelle Consulting Services September 2018 Study.
- ✓ **Other Insurance** – Medical insurance rates for firefighters are assumed to remain flat in 2018 and increase by 5% for years 2019, 2020, and 2021 per the Health Plan Agreement dated 3/29/2017. For staff members, it is projected to grow by 10% annually. This category also includes \$60,000 for unemployment insurance in FY 2019/20.
- ✓ **Medicare** – Annual amounts are calculated at 1.45% of projected salaries.
- **One-Time Grant/ABH Expenditures** – These are one-time only expenditures that vary significantly from year to year and therefore are not forecasted beyond FY 2019/20.
  - **Services and Supplies (S&S)** – S&S is held flat unless a new fire station is built, specific increases have been identified by section managers, or one-time grant proceeds have been received.

### **Net General Fund Revenue**

This figure equals the General fund Revenue minus the General Fund Expenditures.

### **Incremental Increase in General Fund 10% Contingency**

This is the amount needed to add to the General Fund 10% Contingency each year to maintain this category of fund balance at the required policy level of 10% of General Fund expenditures (less one-time expenditures).

### **Transfer to Fund 139 from General Fund Surplus**

This is the amount needed to pay for City of Irvine Settlement Agreement costs.



**General Fund Surplus/(Deficit)**

This figure is equal to the Net General Fund Revenue less the incremental increase in the General Fund 10% Contingency and the transfer out to Fund 139. In years when there is a surplus, unless an exception is triggered, 50% is transferred to the CIP funds and 50% is used to paydown the UAAL as outlined in the Financial Stability Budget Policy approved by the Board on May 2018. In years when there is a deficit, the deficit amount must be drawn from the 10% Contingency, and once those are exhausted, from fund balance for CIP.

A revision to the Financial Stability Budget Policy was approved which allows transfer of CIP funds at fiscal year onset to prevent negative CIP fund balance.

In FY 2018/19 a one-time adjustment from excess General Fund surplus of approximately \$5.0M was made to the General Fund Reserve exceeding contingency to restore that item of fund balance to previous levels

**Capital Improvement Program/Other Funds Revenue**

- ***Interest Earnings*** – Assumes an annual return of 2.00% for FY 2018/19 and 2.25% for FY 2019/20 through FY 2023/24.
- ***State/Federal Reimbursement*** – The forecast assumes no State/Federal reimbursement revenue in the forecast period.
- ***Cash Contracts*** – The forecast calculations are based on the Joint Powers Agreement and subsequent amendments.
- ***Developer Contributions*** – The forecast assumes developer contributions will be used to fund various vehicles for Station 12, Station 52, and Station 67.
- ***Workers' Compensation Transfer*** – These amounts equal the General Fund Workers' Compensation budget which reflects a reduction of \$1M used to paydown the UAAL per the Snowball Plan.
- ***Fund 139 Transfer*** – These amounts are transferred from the General Fund to pay for various expenditures required under the City of Irvine Settlement Agreement.
- ***Operating Transfer In*** – This figure equals the Operating Transfer Out from the General Fund.

**Capital Improvement Program/Other Funds Expenditures**

Expenditures for each CIP fund are based on the CIP Budget.

- ***Irvine Settlement (Fund 139)*** – Budgeted expenditures in Fund 139 are based on the City of Irvine Settlement Agreement.
- ***Structural Fire Fund Entitlement (Fund 171)*** – Assumes that remaining fund balance will be expended in FY 2019/20.



- ***Self-Insurance Fund (Fund 190)*** – Self-Insurance fund expenditures are based on projected payments in the Rivelle Consulting Services September 2018 Workers’ Compensation Actuarial Study.

**Fund Balances**

- ***Operating Contingency*** – Reflects policy of 10% of the General Fund expenditures each year (less one-time expenditures and UAAL payments). General Fund deficits (if applicable) are deducted from this category of fund balance once the Cash Flow fund balance is exhausted.

***Assigned Fund Balances***

- ***Irvine Settlement (Fund 139)*** – Funding is set aside for City of Irvine Settlement Agreement costs, including the 115 Trust.
- ***Self-Insurance Fund (Fund 190)*** – Funding is set aside for Workers’ Compensation outstanding claims at the 50% confidence level per Board policy. The required amount is based on the actuarial report for Estimated Outstanding Losses as of the last full fiscal year prior to report issuance. The required funding levels are maintained by retaining funds in fund balance that reflect the difference between the workers’ compensation transfer and Fund 190 expenditures.
- ***Capital Improvement Program*** – This fund balance includes funding for future capital replacements and is reduced annually by the cost of capital assets and increased in years when there are Operating Transfers into the CIP.



**ORANGE COUNTY FIRE AUTHORITY  
Salaries & Employee Benefits Assumptions  
May 2019**

***Salaries***

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**Vacant Positions**

- Vacant unfrozen positions are budgeted as follows:
  - ✓ Firefighter - step 1
  - ✓ Fire Apparatus Engineer – step 10
  - ✓ Captain - step 10
  - ✓ Fire Battalion Chief – middle of range
  - ✓ Staff positions - step 5 for entry level positions, and step 10 for positions with promotional opportunities within the same occupational class series. Mid-range assumed for Administrative Manager positions.
  
- The following 8 frozen positions are not funded in the proposed FY 2019/20 budget:
  - ✓ 1 Org. & Dev. Training Program Manager (Human Resources)
  - ✓ 1 Office Services Specialist (Social Media)
  - ✓ 1 Administrative Fire Captain (Operations Divisions IV)

**New Station Staffing**

- No new stations anticipated to become operational in FY 2019/20

**Merit Increases for Eligible Employees**

- Firefighter Unit and OCEA: 2 ½ steps or 6.875% up to step 12
- Administrative Management and Executive Management: 5.5% in August 2019, not to exceed top step

**MOU Changes**

- Orange County Employees Association (OCEA)
  - ✓ Rates include cost-of-living adjustment of 2.0% effective August 2019
  - ✓ New employees hired on or after 1/1/2013 assumed to be under 2.5% @ 67 retirement plan; employee contributions vary based on age of entry
- Fire Management
  - ✓ Rates include cost-of-living adjustment of 2.16% effective July 2019
- Firefighter Unit
  - ✓ Rates include cost-of-living adjustment of 1.25% effective September 2019
  - ✓ New employees hired on or after 1/1/2013 assumed to be under 2.7% @ 57 retirement plan; employee contributions vary based on age of entry



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## **FY 2019/20 Proposed Budget**

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- Administrative Management
  - ✓ Rates include cost-of-living adjustment of 2.0% effective August 2019
  - ✓ New employees hired on or after 1/1/2013 assumed to be under 2.5% @ 67 retirement plan; employee contributions vary based on age of entry
- Executive Management
  - ✓ Rates include cost-of-living adjustment of 2.0% effective August 2019

### **Backfill/Holiday/FLSA Adjustment**

- Backfill is estimated at \$38,407,174 for FY 2019/20
- Estimate is allocated to divisions/sections based on historical usage ratios
- Holiday pay and FLSA adjustment are budgeted on a per employee basis

### **Reserve Firefighters**

- Based on FY 2019/20 projected usage

### **Other Pay**

- The following Other Pays were calculated on a per employee basis:  
Supplemental Assignment Pay, Supplemental Incentive Pay, Air Pack Certification Bonus Pay, Education Incentive Pay, Emergency Medical Technician (EMT) Bonus, Plan Review Pay, Duty Officer Compensation, Bilingual Pay, Executive Management Car Allowance, US&R Tech Truck Certification Pay, FAE/PM Incentive Pay, Manpower Coordinator Pay, Aircraft Rescue Fire Fighting (ARFF) Pay, and ARFF Crane Operator Pay
- The following Other Pays were calculated based on historical costs:  
ECC Move-Up Supervisor Pay, Emergency Medical Dispatch (EMD) Pay, On-Call Pay, Urban Search and Rescue (US&R) Pays, Hazardous Materials Pay, Paramedic Bonus Pay, Dispatch Trainer Pay, and Canine Program Pay

### **Vacation/Sick Payoff**

- Vacation/Sick Payoff is estimated at \$6,229,053 for FY 2019/20 including retirement and Medicare benefits
- Based on projected trends
- Allocated to divisions/sections based on historical usage ratios

### **Salary Savings**

- Salary savings is estimated at \$4,383,520 for FY 2019/20 based on historical trends including retirement and Medicare benefits



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***Benefits***

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**Group Medical**

- Firefighter Unit – based on FF Health Plan Agreement rates of \$1,995 per month effective 1/1/2019 and \$2,095 per month effective 1/1/2020
- OCEA – based on OCEA MOU rate of \$1,029 per month effective 1/1/2019

**Health & Welfare**

- OCEA - \$52.20 per month per position – no change from prior years
- Firefighter Unit – based on the FF Health Plan Agreement, the Health and Welfare will no longer be separately calculated but included as part of the Firefighter Unit Group Medical rate

**Management Insurance**

- Includes Management Optional Benefits – no change
- There have been no changes to Life, AD&D and Disability Insurance rates
- Dental rates are estimated to increase by 5.00% beginning 1/1/2020
- Vision rates are not anticipated to increase in 2020.

**Retirement****FY 2019/20 Rate**

General (OCEA)	36.58%
FF Unit	53.91%
Management (safety)	52.28%
Management (non-safety)	36.58%
Supported Employment	43.94%

- The above retirement rates represent rates for employees hired prior to 7/1/2011, and are net of employee contributions
- Employee contributions were increased as a result of MOU changes or Personnel and Salary Resolution changes, resulting in a multi-year phased in approach to achieving employees paying 50% normal cost for employee retirement contributions
- New hires employed after 1/1/2013 are subject to the PEPRA Plan with a lower retirement rate
- Retirement costs are net of savings related to the prepayment to OCERS of \$1,566,666

**Workers' Compensation**

- FY 2019/20 amount of \$17,855,023 represents the projected expenditures at the 50% confidence level based on the actuarial report dated September 2018. Workers' Compensation amount reflects \$1,000,000 reduction used for paydown of the UAAL in accordance with the updated Snowball Strategy presented to the Board in November 2015.
- Third Party Administrator (TPA) and excess insurance costs are included in Services and Supplies



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**FY 2019/20 Proposed Budget**

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**Unemployment Insurance**

- Budgeted at \$60,000 for FY 2019/20 based on historical data

**Medicare**

- 1.45% of salary for employees hired after 4/1/1986
- Calculated effective rates are applied to Backfill/Overtime, Other Pays, Vacation/Sick Payoffs, and Salary Savings



**ORANGE COUNTY FIRE AUTHORITY**  
**FUND 121 - GENERAL FUND**  
**REVENUE SUMMARY**  
**FY 2019/20**

DESCRIPTION	FY 2018/19 Adjusted Budget [1]	FY 2019/20 Draft Proposed Budget	\$ Change from FY 2018/19 Adjusted Budget	% Change from FY 2018/19 Adjusted Budget
PROPERTY TAXES [2]	\$260,369,047	\$272,047,362	\$11,678,315	4.49%
INTERGOVERNMENTAL	20,102,301	19,961,585	(140,716)	-0.70%
CHARGES FOR CURRENT SVCS [3] [4]	111,987,105	136,507,014	24,519,909	21.90%
USE OF MONEY AND PROPERTY [5]	919,770	1,170,026	250,256	27.21%
OTHER	1,001,382	1,028,785	27,403	2.74%
<b>SUBTOTAL REVENUE</b>	<b>394,379,605</b>	<b>430,714,772</b>	<b>36,335,167</b>	<b>9.21%</b>
ONE-TIME REVENUE	15,222,523	-	(15,222,523)	-100.00%
<b>TOTAL REVENUE</b>	<b>\$409,602,128</b>	<b>\$430,714,772</b>	<b>\$21,112,644</b>	<b>5.15%</b>

[1] The FY 2018/19 Adjusted Budget includes all Board approved adjustments to date.

[2] Property Tax is based on RSG final study dated April 3, 2019.

[3] Includes Garden Grove Transition Revenues from the approved Fire Services Agreement.

[4] Estimates for CRR revenues for services provided in Garden Grove are still being developed and will be included in the Mid-Year Budget Adjustment for FY 2019/20.

[5] Projected interest earnings are based on an annual return of 2.25%. There will not be a TRAN in FY 2019/20.



## FY 2019/20 Proposed Budget

**ORANGE COUNTY FIRE AUTHORITY**  
**FUND 121 - GENERAL FUND**  
**REVENUE DETAIL**  
**FY 2019/20**

DESCRIPTION	FY 2018/19 Adjusted Budget [1]	FY 2019/20 Draft Proposed Budget	\$ Change from FY 2018/19 Adjusted Budget	% Change from FY 2018/19 Adjusted Budget
<b>TAXES [2]</b>				
Property Taxes, Current Secured	\$246,568,358	\$258,087,106	\$11,518,748	4.67%
Property Taxes, Current Unsecured	7,170,233	7,343,982	173,749	2.42%
Property Taxes, Prior Unsecured	92,818	103,918	11,100	11.96%
Property Taxes, Supplemental	4,973,645	4,973,645	-	0.00%
Delinquent Supplemental	183,059	190,395	7,336	4.01%
Homeowner Property Tax	1,380,934	1,348,316	(32,618)	-2.36%
<b>TOTAL PROPERTY TAXES</b>	<b>260,369,047</b>	<b>272,047,362</b>	<b>11,678,315</b>	<b>4.49%</b>
<b>INTERGOVERNMENTAL</b>				
<b>State</b>				
SRA-Wild lands (CAL FIRE Contract)	6,764,627	6,972,575	207,948	3.07%
Assistance by Hire (State)	200,000	200,000	-	0.00%
Helicopters' Billing - CAL FIRE	10,000	10,000	-	0.00%
<b>SUB-TOTAL</b>	<b>6,974,627</b>	<b>7,182,575</b>	<b>207,948</b>	<b>2.98%</b>
<b>Federal</b>				
Assistance by Hire (Federal)	100,000	100,000	-	0.00%
Misc Federal Revenue	888,606	414,682	(473,924)	-53.33%
<b>SUB-TOTAL</b>	<b>988,606</b>	<b>514,682</b>	<b>(473,924)</b>	<b>-47.94%</b>
<b>CRA Pass-Through</b>				
Mission Viejo Pass thru	1,021,177	1,097,620	76,443	7.49%
Cypress-CRA Pass thru	973,055	575,878	(397,177)	-40.82%
Irvine - CRA Pass thru	2,118,589	2,354,067	235,478	11.11%
La Palma - CRA Pass thru	289,685	344,277	54,592	18.85%
Lake Forest - CRA Pass thru	614,849	783,761	168,912	27.47%
San Juan Caps - CRA Pass thru	1,021,996	1,126,273	104,277	10.20%
County of Orange Pass-Through	3,463,437	3,106,699	(356,738)	-10.30%
Yorba Linda - CRA Pass thru	2,636,280	2,875,753	239,473	9.08%
<b>SUB-TOTAL</b>	<b>12,139,068</b>	<b>12,264,328</b>	<b>125,260</b>	<b>1.03%</b>
<b>TOTAL INTERGOVERNMENTAL</b>	<b>20,102,301</b>	<b>19,961,585</b>	<b>(140,716)</b>	<b>-0.70%</b>



**ORANGE COUNTY FIRE AUTHORITY**  
**FUND 121 - GENERAL FUND**  
**REVENUE DETAIL**  
**FY 2019/20**

DESCRIPTION	FY 2018/19 Adjusted Budget [1]	FY 2019/20 Draft Proposed Budget	\$ Change from FY 2018/19 Adjusted Budget	% Change from FY 2018/19 Adjusted Budget
<b>CHARGES FOR CURRENT SERVICES</b>				
<b>Cash Contracts</b>				
Facility Maintenance Charges	250,000	355,000	105,000	42.00%
Tustin	7,783,224	8,402,787	619,563	7.96%
Placentia	6,254,559	6,615,899	361,340	5.78%
Seal Beach	5,364,227	5,675,835	311,608	5.81%
Stanton	4,394,313	4,649,978	255,665	5.82%
Santa Ana	40,089,435	41,893,008	1,803,573	4.50%
JWA Contract	5,002,974	5,203,093	200,119	4.00%
Buena Park	11,036,987	11,832,681	795,694	7.21%
San Clemente	8,549,642	9,185,173	635,531	7.43%
Westminster	11,688,963	11,817,002	128,039	1.10%
Garden Grove [3]	-	20,062,176	20,062,176	0.00%
<b>SUB-TOTAL</b>	<b>100,414,324</b>	<b>125,692,632</b>	<b>25,278,308</b>	<b>25.17%</b>
<b>Community Risk Reduction Fees [4]</b>				
AR Late Payment Penalty	22,000	19,000	(3,000)	-13.64%
Inspection Services Revenue	1,742,323	1,742,323	-	0.00%
P&D Fees	5,004,412	4,200,000	(804,412)	-16.07%
False Alarm	160,000	200,000	40,000	25.00%
<b>SUB-TOTAL</b>	<b>6,928,735</b>	<b>6,161,323</b>	<b>(767,412)</b>	<b>-11.08%</b>
<b>Other Charges for Services</b>				
Haz. Mat. Response Subscription Prog	5,446	5,459	13	0.24%
Charge for C&E Services	100,000	100,000	-	0.00%
<b>SUB-TOTAL</b>	<b>105,446</b>	<b>105,459</b>	<b>13</b>	<b>0.01%</b>
<b>Ambulance Reimbursements</b>				
Ambulance Supplies Reimbursement	1,221,100	1,230,100	9,000	0.74%
ALS Transport Reimbursement	3,317,500	3,317,500	-	0.00%
<b>SUB-TOTAL</b>	<b>4,538,600</b>	<b>4,547,600</b>	<b>9,000</b>	<b>0.20%</b>
<b>TOTAL CHGS FOR CURRENT SVCS</b>	<b>111,987,105</b>	<b>136,507,014</b>	<b>24,519,909</b>	<b>21.90%</b>



## FY 2019/20 Proposed Budget

**ORANGE COUNTY FIRE AUTHORITY**  
**FUND 121 - GENERAL FUND**  
**REVENUE DETAIL**  
**FY 2019/20**

DESCRIPTION	FY 2018/19 Adjusted Budget [1]	FY 2019/20 Draft Proposed Budget	\$ Change from FY 2018/19 Adjusted Budget	% Change from FY 2018/19 Adjusted Budget
<b>USE OF MONEY AND PROPERTY</b>				
<b>Interest [5]</b>				
Interest	919,770	1,170,026	250,256	27.21%
<b>TOTAL USE OF MONEY/PROPERTY</b>	<b>919,770</b>	<b>1,170,026</b>	<b>250,256</b>	<b>27.21%</b>
<b>REVENUE - OTHER</b>				
<b>Miscellaneous Revenue</b>				
Other Revenue	14,000	14,000	-	0.00%
Miscellaneous Revenue	106,000	146,000	40,000	37.74%
Restitution	1,000	1,000	-	0.00%
RFOTC Cell Tower Lease Agreement	44,765	44,765	-	0.00%
Fullerton Airport Hangar Lease	201,117	208,520	7,403	3.68%
Witness Fees	4,500	4,500	-	0.00%
Joint Apprenticeship Comm (CFFJAC)	100,000	100,000	-	0.00%
Santa Ana College Agreement	470,000	450,000	(20,000)	-4.26%
Sales of Surplus	60,000	60,000	-	0.00%
<b>TOTAL OTHER REVENUE</b>	<b>1,001,382</b>	<b>1,028,785</b>	<b>27,403</b>	<b>2.74%</b>
<b>SUBTOTAL REVENUE</b>	<b>394,379,605</b>	<b>430,714,772</b>	<b>36,335,167</b>	<b>9.21%</b>
<b>ONE-TIME REVENUE</b>	<b>15,222,523</b>	<b>-</b>	<b>(15,222,523)</b>	<b>-100.00%</b>
<b>TOTAL REVENUE</b>	<b>\$409,602,128</b>	<b>\$430,714,772</b>	<b>\$21,112,644</b>	<b>5.15%</b>

Notes:

[1] The FY 2018/19 Adjusted Budget includes all Board approved adjustments to date.

[2] Property Tax is based on RSG final study dated April 3, 2019.

[3] Includes Garden Grove Transition Revenues from the approved Fire Services Agreement.

[4] Estimates for CRR revenues for services provided in Garden Grove are still being developed and will be included in the Mid-Year Budget Adjustment for FY 2019/20.

[5] Projected interest earnings are based on an annual return of 2.25%. There will not be a TRAN in FY 2019/20.



**ORANGE COUNTY FIRE AUTHORITY  
FY 2019/20 Revenue Assumptions  
May 2019**

***Property Taxes***

**Current Secured**

- Based on projected growth in current secured property tax of 4.75% for FY 2019/20 per RSG's final study dated April 3, 2019, applied to the FY 2018/19 tax ledger and estimated 1.00% refund factor
- Public utility taxes are based on the FY 2018/19 tax ledger

**Current Unsecured**

- Based on 0% growth factor as provided by RSG
- Based on FY 2018/19 tax ledger and estimated 8.65% refund factor

**Supplemental**

- Based on the FY 2018/19 projection. This category of revenue is inconsistent from year to year

**Homeowner Property Tax Relief**

- Based on FY 2017/18 actual receipts and a reduction of 1.11% for FY 2019/20, which reflects historical trends

***Intergovernmental***

**State Responsibility Area (SRA) – Wildlands CAL FIRE Contract**

- Based on the FY 2018/19 contract amount per the Gray Book (CAL FIRE's notice of allocation to the contract counties).

**Assistance by Hire – State**

- Estimate based on FY 2018/19 projection

**Assistance by Hire – Federal**

- Estimate based on FY 2018/19 projection

**Community Redevelopment Agency (CRA) Pass-thru**

- The proposed budget is based on projections from the RSG final report dated April 3, 2019



***Charges for Current Services***

**Cash Contract Cities**

- Based on estimated budget increases of 4.5% in FY 2019/20
- Based on the 20-year JPA agreement which includes the shortfall amortization
- FY 2019/20 includes the first year of the 4<sup>th</sup> Post Position Phase-In costs for the cities of Buena Park, San Clemente and Tustin
- FY 2019/20 include the prorated first year of the Garden Grove Fire Services Agreement

**John Wayne Airport Contract**

- Based on the FY 2019/20 estimated charge

**Community Risk Reduction Fees**

- Planning and Development fees are based on the FY 2018/19 projection using the fee study, current year trends and input from the CRR staff. A volume analysis was recently conducted which resulted in a decrease in estimated P&D fees for FY 2019/20
- Inspection Services revenue is based on the FY 2018/19 projection using the fee study, current year trends and input from the CRR staff

**Advance Life Support (ALS) Transport and Supplies Reimbursements**

- Based on FY 2018/19 projections and input from Finance staff

***Use of Money and Property***

**Interest**

- Projected interest earnings are based on an annual return of 2.25% return for FY 2019/20
- No Tax and Revenue Anticipation Note (TRAN) will be issued for FY 2019/20. If interim funds are needed they will be borrowed from the CIP funds and/or Workers' Compensation reserves

***Other Revenue***

**Miscellaneous Revenue**

- Based on prior FY 2018/19 projection, FY 2019/20 projections, and various lease agreements as applicable



**ORANGE COUNTY FIRE AUTHORITY**  
***BUSINESS SERVICES DEPARTMENT S&S SUMMARY***  
**FY 2019/20 BUDGET**

<b>Divisions/Sections</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>JPA Board of Directors</b>			
JPA Board of Directors [1]	32,915	35,328	2,413
<b>Total JPA Board of Directors</b>	32,915	35,328	2,413
<b>Clerk of the Authority</b>			
Clerk [2]	11,089	12,869	1,780
<b>Total Clerk of the Authority</b>	11,089	12,869	1,780
<b>Finance Division</b>			
Financial Services [1]	356,700	393,908	37,208
Financial Services Controlled [2]	2,767,824	2,773,048	5,224
<b>Total Finance Division</b>	3,124,524	3,166,956	42,432
<b>Purchasing</b>			
Purchasing [1],[2]	42,310	43,842	1,532
<b>Total Purchasing</b>	42,310	43,842	1,532
<b>Treasury and Financial Planning</b>			
Treasury & Financial Planning	212,312	212,312	-
<b>Total Treasury and Financial Planning</b>	212,312	212,312	-
<b>Legislation Division</b>			
Legislation Division	162,625	162,625	-
<b>Total Legislation Division</b>	162,625	162,625	-
<b>Department Total</b>	<b>3,585,775</b>	<b>3,633,932</b>	<b>48,157</b>

[1] Increase due to Garden Grove transition allocation effective FY 2019/20

[2] Increase due to transfer from Material Mgmt budget to decentralize office supplies.



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**FY 2019/20 Proposed Budget**

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**BUSINESS SERVICES DEPARTMENT  
JPA BOARD OF DIRECTORS  
ORG 9951**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1101 - Food</b>			
Food for Board Meetings	14,965	14,965	-
Food for Special Meetings	750	750	-
Garden Grove Transition Allocation	-	2,413	2,413
<b>Subtotal</b>	<b>15,715</b>	<b>18,128</b>	<b>2,413</b>
<b>Account 1801'1810 - Office Expense</b>			
Name Plates/Badges	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
<b>Account 2401'2409 - Special Department Expense</b>			
Commemorations	3,000	3,000	-
Employee Recognition	3,000	3,000	-
<b>Subtotal</b>	<b>6,000</b>	<b>6,000</b>	<b>-</b>
<b>Account 2701'2703 - Travel, Training and Meetings</b>			
Executive Committee Reimbursement	1,800	1,800	-
Standing Committees Reimbursement	8,400	8,400	-
<b>Subtotal</b>	<b>10,200</b>	<b>10,200</b>	<b>-</b>
<b>Total S&amp;S: JPA Board of Directors</b>	<b>32,915</b>	<b>35,328</b>	<b>2,413</b>



**BUSINESS SERVICES DEPARTMENT**  
***CLERK OF THE AUTHORITY***  
**ORG 3311**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1601 - Memberships</b>			
Professional Memberships	1,400	1,400	-
<b>Subtotal</b>	<b>1,400</b>	<b>1,400</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Office Supplies	-	1,780	1,780
Minor Office Equipment	4,239	4,239	-
<b>Subtotal</b>	<b>4,239</b>	<b>6,019</b>	<b>-</b>
<b>Account 2001 - Publications and Legal Notices</b>			
Legal Publications (Public Hearings/Notices)	2,000	2,000	-
<b>Subtotal</b>	<b>2,000</b>	<b>2,000</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Special Transportation Needs	450	450	-
<b>Subtotal</b>	<b>450</b>	<b>450</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Training/Seminars	3,000	3,000	-
<b>Subtotal</b>	<b>3,000</b>	<b>3,000</b>	<b>-</b>
<b>Total S&amp;S: Clerk of Authority</b>	<b>11,089</b>	<b>12,869</b>	<b>1,780</b>



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**FY 2019/20 Proposed Budget**

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**BUSINESS SERVICES DEPARTMENT  
FINANCE DIVISION  
ORG 3310 & 3379**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Financial Services (Org 3310)</b>			
<b>Account 1601 - Memberships</b>			
AGA/AICPA/State Board	250	250	-
American Payroll Association	500	500	-
CSMFO	250	250	-
GFOA	700	700	-
<b>Subtotal</b>	<b>1,700</b>	<b>1,700</b>	<b>-</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Workflow Improvement/Compliance Reporting	15,000	15,000	-
SB90 Claims Consultant	2,000	2,000	-
Staffing Timekeeping Maintenance	260,000	260,000	-
Collection Agency Fees	6,000	6,000	-
Garden Grove Transition Allocation	-	37,208	37,208
<b>Subtotal</b>	<b>283,000</b>	<b>320,208</b>	<b>37,208</b>
<b>Account 2101 - Rents and Leases- Equipment</b>			
Document Destruction	1,000	1,000	-
Post Office Box Rental - Accounts Receivable	2,000	2,000	-
<b>Subtotal</b>	<b>3,000</b>	<b>3,000</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
CSMFO/GFOA/League Training/Conferences	3,500	3,500	-
AICPA/CSMFO/GFOA Webcast	2,000	2,000	-
APA/AICPA/State CPA/SCT Tech. Training	3,500	3,500	-
Banner/SCT Payroll/Finance Training	60,000	60,000	-
<b>Subtotal</b>	<b>69,000</b>	<b>69,000</b>	<b>-</b>
<b>S&amp;S: Financial Services</b>	<b>356,700</b>	<b>393,908</b>	<b>37,208</b>



**BUSINESS SERVICES DEPARTMENT**  
**FINANCE DIVISION**  
**ORG 3310 & 3379**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Financial Services Controlled (Org 3379)</b>			
<b>Account 1801`1810 - Office Expense</b>			
Office Supplies	3,000	8,224	5,224
Postage Expense	52,000	52,000	-
Equipment Maintenance (mailing/folding machines)	3,000	3,000	-
Reproduction/Printing (excl. copiers)	38,000	38,000	-
<b>Subtotal</b>	<b>96,000</b>	<b>101,224</b>	<b>5,224</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
County Islands	213,166	213,166	-
OPTI Source Imaging	6,000	6,000	-
Internal Control Reviews	30,000	30,000	-
Property Tax Admin Fee	2,000,000	2,000,000	-
Public Accounting	71,449	71,449	-
<b>Subtotal</b>	<b>2,320,615</b>	<b>2,320,615</b>	<b>-</b>
<b>Account 2101 - Rents and Leases - Equipment</b>			
Copier Rental	145,000	145,000	-
<b>Subtotal</b>	<b>145,000</b>	<b>145,000</b>	<b>-</b>
<b>Account 2601`2602 - Transportation</b>			
Private Mileage	204,000	204,000	-
<b>Subtotal</b>	<b>204,000</b>	<b>204,000</b>	<b>-</b>
<b>Account 3701 Taxes and Assessments</b>			
State Board of Equalization - Fuel Storage Tax	2,209	2,209	-
<b>Subtotal</b>	<b>2,209</b>	<b>2,209</b>	<b>-</b>
<b>S&amp;S: Financial Services Controlled</b>	<b>2,767,824</b>	<b>2,773,048</b>	<b>5,224</b>
<b>Total S&amp;S: Finance Division</b>	<b>3,124,524</b>	<b>3,166,956</b>	<b>42,432</b>



## FY 2019/20 Proposed Budget

**BUSINESS SERVICES DEPARTMENT**  
***PURCHASING SECTION***  
**ORG 3335**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1601 - Memberships</b>			
CA Assoc. of Public Purchasing Officers (CAPPO)	550	550	-
Nat'l Institute of Govt. Purchasing (NIGP)	425	425	-
National Purchasing Institute (NPI)	90	90	-
<b>Subtotal</b>	<b>1,065</b>	<b>1,065</b>	<b>-</b>
<b>Account 1801'1810 - Office Expense</b>			
Misc. Books & Subscriptions	400	400	-
Miscellaneous Supplies	1,200	1,332	132
Printing	200	200	-
<b>Subtotal</b>	<b>1,800</b>	<b>1,932</b>	<b>132</b>
<b>Account 1901'1908 - Prof. and Specialized Services</b>			
Planet Bids Base Software - Annual Fee	14,600	14,600	-
Planet Bids Emerg. Ops - Annual Fee	4,500	4,500	-
Planet Bids Insurance Certification - Annual Fee	4,500	3,225	(1,275)
Planet Bids Add-on - Annual Fee	1,350	2,625	1,275
Planet Bids RFP Module - Annual Fee	4,250	4,250	-
Planet Bids Commodity Code Licensing	800	800	-
Garden Grove Transition Allocation	-	1,400	1,400
<b>Subtotal</b>	<b>30,000</b>	<b>31,400</b>	<b>1,400</b>
<b>Account 2001 - Publications and Legal Notices</b>			
Advertising Formal Bids	545	545	-
<b>Subtotal</b>	<b>545</b>	<b>545</b>	<b>-</b>
<b>Account 2401'2409 - Special Department Expense</b>			
Achievement of Excellence Award	400	400	-
<b>Subtotal</b>	<b>400</b>	<b>400</b>	<b>-</b>
<b>Account 2701'2703 - Travel, Training and Meetings</b>			
CAPPO Annual Conference	1,500	1,500	-
CAPPO Chapter Meetings	500	500	-
Professional Development Seminars	6,500	6,500	-
<b>Subtotal</b>	<b>8,500</b>	<b>8,500</b>	<b>-</b>
<b>Total S&amp;S: Purchasing Section</b>	<b>42,310</b>	<b>43,842</b>	<b>1,532</b>



**BUSINESS SERVICES DEPARTMENT**

***TREASURY AND FINANCIAL PLANNING SECTION***

ORG 3333

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Investment Software - Annual Support	3,656	3,802	146
<b>Subtotal</b>	<b>3,656</b>	<b>3,802</b>	<b>146</b>
<b>Account 1601 - Memberships</b>			
Cal Municipal Treasurer's Assoc.	155	155	-
CSMFO	260	260	-
FEI	425	425	-
Municipal Treasurers' Assoc. US&C	275	275	-
NAGDCA	600	600	-
<b>Subtotal</b>	<b>1,715</b>	<b>1,715</b>	<b>-</b>
<b>Account 1704 - Interest Expense</b>			
Interest Expense for Interfund Borrowing	31,250	35,000	3,750
<b>Subtotal</b>	<b>31,250</b>	<b>35,000</b>	<b>3,750</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Cash Management Fees	80,000	80,000	-
Courier Fees	2,224	2,224	-
RSG Tax Study	49,000	49,000	-
<b>Subtotal</b>	<b>131,224</b>	<b>131,224</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Annual Prop Tax Roll- County Assessor	2,800	3,000	200
<b>Subtotal</b>	<b>2,800</b>	<b>3,000</b>	<b>200</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
CSMFO/GFOA Seminars	41,667	37,571	(4,096)
<b>Subtotal</b>	<b>41,667</b>	<b>37,571</b>	<b>(4,096)</b>
<b>Total S&amp;S: Treasury &amp; Financial Planning Section</b>	<b>212,312</b>	<b>212,312</b>	<b>-</b>



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**FY 2019/20 Proposed Budget**

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**BUSINESS SERVICES DEPARTMENT  
LEGISLATION DIVISION  
ORG 3360**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1601 - Memberships</b>			
California Fire Chiefs Association	125	125	-
<b>Subtotal</b>	<b>125</b>	<b>125</b>	<b>-</b>
<b>Account 1901'1908 - Prof. and Specialized Services</b>			
Government Consulting Services (State)	69,000	69,000	-
Legislative Consultant (Federal)	57,000	57,000	-
State Net	2,500	2,500	-
Roper Consulting	20,000	20,000	-
<b>Subtotal</b>	<b>148,500</b>	<b>148,500</b>	<b>-</b>
<b>Account 2701'2703 - Travel, Training and Meetings</b>			
Travel	14,000	14,000	-
<b>Subtotal</b>	<b>14,000</b>	<b>14,000</b>	<b>-</b>
<b>Total S&amp;S: Legislation Division</b>	<b>162,625</b>	<b>162,625</b>	<b>-</b>



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**Command & Emergency Planning Division**

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**ORANGE COUNTY FIRE AUTHORITY**  
***COMMAND & EMERGENCY PLANNING DIVISION S&S SUMMARY***  
**FY 2019/20 BUDGET**

<b>Divisions/Sections</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>Emergency Command Center</b>			
Emergency Command Center	66,979	70,023	3,044
<b>Total Emergency Command Center</b>	<u>66,979</u>	<u>70,023</u>	<u>3,044</u>
<b>Emergency Planning &amp; Coordination</b>			
Emergency Planning & Coordination	2,950	2,950	-
<b>Total Emergency Planning &amp; Coordination</b>	<u>2,950</u>	<u>2,950</u>	<u>-</u>
<b>Department Total [1]</b>	<u><u>69,929</u></u>	<u><u>72,973</u></u>	<u><u>3,044</u></u>

Grant funding and one-time items are not included in the FY 2018/19 base budget.

[1] Increase due to transfer from Material Mgmt budget to decentralize office supplies.



## FY 2019/20 Proposed Budget

### COMMAND AND EMERGENCY PLANNING DIVISION **EMERGENCY COMMAND CENTER** ORG 4420

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Logistics Trailer Support	3,800	3,800	-
Comm. Center Maintenance	21,000	21,000	-
Headset Repairs	5,500	5,500	-
ECC A/V Maintenance	5,500	5,500	-
<b>Subtotal</b>	<b>35,800</b>	<b>35,800</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
APCO	480	480	-
OCFA Communications Officers	35	35	-
CALNENA	500	500	-
Cal Chiefs Communication Division	100	100	-
<b>Subtotal</b>	<b>1,115</b>	<b>1,115</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
DOC Equipment & Supplies	2,700	2,700	-
Lamination Supplies	1,800	1,800	-
Minor Office Equipment	1,400	1,400	-
Misc. Mapping Supplies	800	800	-
Printing Costs (Handbooks/Training Material)	4,500	4,500	-
Printer/Fax Supplies	2,000	2,000	-
Software	1,000	1,000	-
EMD/CBD	4,642	4,642	-
Misc. Office Supplies	-	3,044	3,044
<b>Subtotal</b>	<b>18,842</b>	<b>21,886</b>	<b>-</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Hospital Association of Southern California	4,000	4,000	-
<b>Subtotal</b>	<b>4,000</b>	<b>4,000</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Dispatcher Training & Travel	7,222	7,222	-
<b>Subtotal</b>	<b>7,222</b>	<b>7,222</b>	<b>-</b>
<b>Total S&amp;S: Emergency Command Center</b>	<b>66,979</b>	<b>70,023</b>	<b>3,044</b>



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## Command & Emergency Planning Division

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**COMMAND AND EMERGENCY PLANNING DIVISION**  
***EMERGENCY PLANNING AND COORDINATION***  
**ORG 1140**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1801`1810 - Office Expense</b>			
Miscellaneous Supplies	1,100	1,100	-
Topography Maps	750	750	-
<b>Subtotal</b>	<b>1,850</b>	<b>1,850</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Miscellaneous Expense	1,100	1,100	-
<b>Subtotal</b>	<b>1,100</b>	<b>1,100</b>	<b>-</b>
<b>S&amp;S: Emergency Planning and Coordination</b>	<b>2,950</b>	<b>2,950</b>	<b>-</b>







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## Community Risk Reduction Department

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**ORANGE COUNTY FIRE AUTHORITY**  
**COMMUNITY RISK REDUCTION DEPARTMENT S&S SUMMARY**  
**FY 2019/20 BUDGET**

Sections/Programs	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Planning &amp; Development</b>			
Plan Review Program [1]	196,336	203,228	6,892
New Construction Inspection Program	12,550	12,752	202
<b>Total Planning &amp; Development</b>	<b>208,886</b>	<b>215,980</b>	<b>7,094</b>
<b>Prevention Field Services</b>			
Prevention Field Services Program [1]	40,792	44,649	3,857
Community Wildfire Mitigation	48,875	49,571	696
Community Education [2]	101,654	126,654	25,000
<b>Total Prevention Field Services</b>	<b>191,321</b>	<b>220,874</b>	<b>29,553</b>
<b>Department Total [3]</b>	<b>400,207</b>	<b>436,854</b>	<b>36,647</b>

Grant funding and one-time items are not included in the FY 2018/19 base budget.

[1] Increase due to Garden Grove transition allocation effective FY 2019/20.

[2] Increase due to \$25K ongoing donation being included in annual budget instead of being funded by Board as separate Agenda item.

[3] Additional increases in department due to transfer from Material Mgmt budget to decentralize office supplies.



## FY 2019/20 Proposed Budget

### COMMUNITY RISK REDUCTION DEPARTMENT **PLAN REVIEW PROGRAM** ORG 4438

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1601 - Memberships</b>			
NFPA	341	341	-
OCFPO	200	200	-
SOCALFPO	400	400	-
OC Empire ICC	300	300	-
ICC	300	300	-
SFPE	300	300	-
<b>Subtotal</b>	<b>1,841</b>	<b>1,841</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Petty Cash Reimbursement	1,600	1,600	-
Misc. Office Supplies	4,030	4,969	939
Map Reproductions	1,000	1,000	-
Brochure/Pamphlet Reproduction & Postage	800	800	-
Computers/Technology	1,500	1,500	-
Code Books	4,600	4,600	-
NFPA Subscription Service Update	6,700	6,700	-
<b>Subtotal</b>	<b>20,230</b>	<b>21,169</b>	<b>939</b>
<b>Account 1902`1908 - Prof. and Specialized Services</b>			
Plan Review Contracts	133,125	133,125	-
Garden Grove Transition Allocation	-	5,953	5,953
<b>Subtotal</b>	<b>133,125</b>	<b>139,078</b>	<b>5,953</b>
<b>Account 2401 - 2409 - Special Department Expense</b>			
Statistical Analysis Tools and Supplies	11,000	11,000	-
<b>Subtotal</b>	<b>11,000</b>	<b>11,000</b>	<b>-</b>
<b>Account 2701`2703 Travel, Training and Meetings</b>			
Code Conferences and Hearings	5,500	5,500	-
GIS, Statistics & Analysis Training	5,000	5,000	-
Misc. Training Travel Mileage	8,040	8,040	-
Inspector Training	11,600	11,600	-
<b>Subtotal</b>	<b>30,140</b>	<b>30,140</b>	<b>-</b>
<b>Total S&amp;S: Plan Review Program</b>	<b>196,336</b>	<b>203,228</b>	<b>6,892</b>



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**Community Risk Reduction Department**

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**COMMUNITY RISK REDUCTION DEPARTMENT**  
***NEW CONSTRUCTION INSPECTION PROGRAM***  
**ORG 4439**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1601 - Memberships</b>			
OCFPO	200	200	-
Misc. Memberships (CAFAA, CALBO etc.)	100	100	-
<b>Subtotal</b>	<b>300</b>	<b>300</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Petty Cash Reimbursements	400	400	-
Misc. Office Supplies	2,750	2,952	202
Computers/Technology	1,000	1,000	-
Code Books	4,100	4,100	-
<b>Subtotal</b>	<b>8,250</b>	<b>8,452</b>	<b>202</b>
<b>Account 2701`2703 Travel, Training and Meetings</b>			
Code Conferences and Hearings	1,500	1,500	-
Inspector Training	2,500	2,500	-
<b>Subtotal</b>	<b>4,000</b>	<b>4,000</b>	<b>-</b>
<b>Total S&amp;S: New Construction Inspection Program</b>	<b>12,550</b>	<b>12,752</b>	<b>202</b>



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**FY 2019/20 Proposed Budget**

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**COMMUNITY RISK REDUCTION DEPARTMENT  
PREVENTION FIELD SERVICES PROGRAM  
ORG 4460**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1601 - Memberships</b>			
IFCI	150	150	-
OCFPO	700	700	-
Other	200	200	-
<b>Subtotal</b>	<b>1,050</b>	<b>1,050</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Petty Cash Reimbursements	775	775	-
Misc. Office Supplies	1,900	4,783	2,883
Implement Annual Permit Process	109	109	-
Code Books/Publications	7,500	7,500	-
Subscription - Misc. California Codes	2,100	2,100	-
Paper for Printing FIFs, Notices etc.	2,000	2,000	-
<b>Subtotal</b>	<b>14,384</b>	<b>17,267</b>	<b>2,883</b>
<b>Account 2701`2703 Travel, Training and Meetings</b>			
Inspector Training	10,000	10,000	-
Specialized Training	11,358	11,358	-
Training & Seminars	4,000	4,000	-
Garden Grove Transition Allocation	-	974	974
<b>Subtotal</b>	<b>25,358</b>	<b>26,332</b>	<b>974</b>
<b>Total S&amp;S: Prevention Field Services Program</b>	<b>40,792</b>	<b>44,649</b>	<b>3,857</b>



**COMMUNITY RISK REDUCTION DEPARTMENT**  
***COMMUNITY WILDFIRE MITIGATION***  
**ORG 4556**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1601 - Memberships</b>			
Memberships	750	750	-
<b>Subtotal</b>	<b>750</b>	<b>750</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Office Supplies	17,175	17,871	696
<b>Subtotal</b>	<b>17,175</b>	<b>17,871</b>	<b>696</b>
<b>Account 1902`1908 - Prof. and Specialized Services</b>			
Misc. Professional and Specialized Services	900	900	-
<b>Subtotal</b>	<b>900</b>	<b>900</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Special Department Expense	17,550	17,550	-
<b>Subtotal</b>	<b>17,550</b>	<b>17,550</b>	<b>-</b>
<b>Account 2701`2703 Travel, Training and Meetings</b>			
Travel and Training Expense	12,500	12,500	-
<b>Subtotal</b>	<b>12,500</b>	<b>12,500</b>	<b>-</b>
<b>Total S&amp;S: Community Wildfire Mitigation</b>	<b>48,875</b>	<b>49,571</b>	<b>696</b>



## FY 2019/20 Proposed Budget

### COMMUNITY RISK REDUCTION DEPARTMENT **COMMUNITY EDUCATION** ORG 4449 & H800

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Community Education Programs (Org 4449)</b>			
Account 1301`1302 - Maintenance/Repair - Equipment			
Miscellaneous Maintenance	2,000	2,000	-
<b>Subtotal</b>	<b>2,000</b>	<b>2,000</b>	<b>-</b>
Account 1601 - Memberships			
Memberships	500	500	-
<b>Subtotal</b>	<b>500</b>	<b>500</b>	<b>-</b>
Account 1801`1810 - Office Expense			
Office Expense	5,000	5,000	-
<b>Subtotal</b>	<b>5,000</b>	<b>5,000</b>	<b>-</b>
Account 1902`1908 - Prof. and Specialized Services			
Misc. Professional and Specialized Services	3,000	3,000	-
<b>Subtotal</b>	<b>3,000</b>	<b>3,000</b>	<b>-</b>
Account 2401`2409 - Special Department Expense			
Smoke Alarm Program	3,554	3,554	-
Marketing/Education Materials	54,600	54,600	-
Materiel for Various Events	17,000	17,000	-
Drowning Prevention Program	-	25,000	25,000
<b>Subtotal</b>	<b>75,154</b>	<b>100,154</b>	<b>-</b>
Account 2701`2703 Travel, Training and Meetings			
Travel and Training Expense	5,000	5,000	-
<b>Subtotal</b>	<b>5,000</b>	<b>5,000</b>	<b>-</b>
<b>S&amp;S: Community Education Program</b>	<b>90,654</b>	<b>115,654</b>	<b>25,000</b>
<b>RFOTC Open House (Org H800)</b>			
Account 2401`2409 - Special Department Expense			
Special Department Expense	11,000	11,000	-
<b>S&amp;S: RFOTC Open House</b>	<b>11,000</b>	<b>11,000</b>	<b>-</b>
<b>Total S&amp;S: Community Education</b>	<b>101,654</b>	<b>126,654</b>	<b>25,000</b>



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## EMS and Training Department

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### ORANGE COUNTY FIRE AUTHORITY

### **EMERGENCY MEDICAL SERVICES & TRAINING DEPARTMENT S&S SUMMARY**

### **FY 2019/20 BUDGET**

Sections	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
Emergency Medical Services [1],[2]	1,303,313	1,633,445	330,132
Organizational Development & Training [3]	82,875	-	(82,875)
<b>Ops Training and Safety Services</b>			
Ops Training & Safety [2],[3]	429,562	574,006	144,444
CA FF Joint Apprenticeship Committee	150,000	150,000	-
Ops Training and Promotions	18,500	18,500	-
<b>Total Ops Training and Safety Services</b>	598,062	742,506	144,444
<b>Department Total [4]</b>	<b>1,386,188</b>	<b>2,375,951</b>	<b>247,257</b>

Grant funding and one-time items are not included in the FY 2018/19 base budget.

[1] Increase due to one-time funding of \$90,112 for AED/IFAK for safety vehicles, \$49,250 for increased paramedic school attendees, \$15,328 ALS remote rescue packs, \$12,000 for staff training, \$42,100 for medical supplies, and \$5,000 for capnography equipment.

[2] Increase due to Garden Grove transition allocation effective FY 2019/20

[3] \$82,875 moved to Ops Training & Safety as former ODT Org 7721 is no longer in use. Additional \$39,150 increase in Ops Training & Safety due to one-time Live Fire Burn Training Program.

[4] Additional increases in department due to transfer from Material Mgmt. budget to decentralize office supplies.



## FY 2019/20 Proposed Budget

**EMERGENCY MEDICAL SERVICES & TRAINING DEPARTMENT**  
**EMERGENCY MEDICAL SERVICES**  
**ORG 1441**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1101 - Food</b>			
Misc. Food	1,000	1,000	-
Food for Panel Interviews	2,000	2,000	-
<b>Subtotal</b>	<b>3,000</b>	<b>3,000</b>	<b>-</b>
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Durable Medical Equipment Maintenance	2,500	2,500	-
<b>Subtotal</b>	<b>2,500</b>	<b>2,500</b>	<b>-</b>
<b>Account 1501`1509 - Medical Supplies and Equipment</b>			
Pharmaceuticals/Vaccines	200,000	200,000	-
Medical Supplies (one-time increase)	695,920	738,020	42,100
Medical Equipment (one-time increase)	70,243	180,683	110,440
Garden Grove Transition Allocation	-	115,456	115,456
<b>Subtotal</b>	<b>966,163</b>	<b>1,234,159</b>	<b>267,996</b>
<b>Account 1801`1810 - Office Expense</b>			
Office Supplies including Texts	18,200	19,086	886
<b>Subtotal</b>	<b>18,200</b>	<b>19,086</b>	<b>886</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Annual TB Testing	92,000	92,000	-
Misc. Professional Services	20,600	20,600	-
<b>Subtotal</b>	<b>112,600</b>	<b>112,600</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Paramedic Certification	7,000	7,000	-
Paramedic Accreditation	5,000	5,000	-
Paramedic Recertification	30,100	30,100	-
EMT Recertification	34,000	34,000	-
Controlled Medication Management System	52,000	52,000	-
UCI Training	2,500	2,500	-
Misc. Expenditures	30,000	30,000	-
Service Pins and Plaques	500	500	-
<b>Subtotal</b>	<b>161,100</b>	<b>161,100</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Paramedic Tuition (one-time increase)	34,750	84,000	49,250
Out of County Travel (one-time increase)	3,000	15,000	12,000
Misc. Travel & Training	2,000	2,000	-
<b>Subtotal</b>	<b>39,750</b>	<b>101,000</b>	<b>61,250</b>
<b>S&amp;S: Emergency Medical Services</b>	<b>1,303,313</b>	<b>1,633,445</b>	<b>330,132</b>



**EMERGENCY MEDICAL SERVICES & TRAINING DEPARTMENT**  
***ORGANIZATIONAL DEVELOPMENT AND TRAINING***  
**ORG 7721**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Training Initiatives	45,875	-	(45,875)
Training Consultants	25,000	-	(25,000)
<b>Subtotal</b>	<b>70,875</b>	<b>-</b>	<b>(70,875)</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Misc. Training and Seminars	6,000	-	(6,000)
Research and Analysis Training	1,000	-	(1,000)
Computer Training	5,000	-	(5,000)
<b>Subtotal</b>	<b>12,000</b>	<b>-</b>	<b>(12,000)</b>
<b>S&amp;S: Organizational Development and Training</b>	<b>82,875</b>	<b>-</b>	<b>(82,875)</b>

Org 7721 is no longer in use. Base budget transferred to Operations Training & Safety, Org 1440 for FY 2019/20.



## FY 2019/20 Proposed Budget

**EMERGENCY MEDICAL SERVICES & TRAINING DEPARTMENT**  
**OPS TRAINING AND SAFETY SERVICES**  
**ORG 1440, 1448 & 6000**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Ops Training and Safety (Org 1440)</b>			
<b>Account 1001 - Clothing and Personal Supplies</b>			
Live Fire Burn Training Helmets, Shields & Flashhoods (one-time)	-	8,000	8,000
<b>Subtotal</b>	<b>-</b>	<b>8,000</b>	<b>8,000</b>
<b>Account 1101 - Food</b>			
Training Seminar Meals/FF Graduations	13,000	13,000	-
<b>Subtotal</b>	<b>13,000</b>	<b>13,000</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
International Society of Fire Instructors	61	61	-
National Clearing House for Leadership	46	46	-
National Fire Protection Association	127	127	-
So. Area Fire Equip Research	76	76	-
So. Cal & OC Training Officers Association	461	461	-
<b>Subtotal</b>	<b>771</b>	<b>771</b>	<b>-</b>
<b>Account 1801`1809 - Office Expense</b>			
Books & Training Materials	27,000	27,000	-
Subscriptions	3,500	3,500	-
Misc. Office Supplies	-	1,782	1,782
<b>Subtotal</b>	<b>30,500</b>	<b>32,282</b>	<b>1,782</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Rancho Santiago Library	1,191	1,191	-
<b>Subtotal</b>	<b>1,191</b>	<b>1,191</b>	<b>-</b>
<b>Account 2201 - Rents and Leases - Facilities</b>			
North Net Tower Rental (one-time)	-	1,000	1,000
<b>Subtotal</b>	<b>-</b>	<b>1,000</b>	<b>1,000</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Misc. Special Expenses	12,000	12,000	-
Television	3,000	3,000	-
Training Video, CDs, and Slides	4,500	4,500	-
Digital Media	2,500	2,500	-
Live Fire Burn Training Supplies (one-time)	-	30,150	30,150
<b>Subtotal</b>	<b>22,000</b>	<b>52,150</b>	<b>30,150</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
California Training Officer's Conference	6,100	6,100	-
Various NFA Courses	3,750	3,750	-
Various Training Courses including Organizational Development Training	19,000	101,875	82,875
Training Opportunities including Target Solutions	300,250	300,250	-
Garden Grove Transition Allocation	-	20,637	20,637
<b>Subtotal</b>	<b>329,100</b>	<b>432,612</b>	<b>103,512</b>



## EMS and Training Department

### EMERGENCY MEDICAL SERVICES & TRAINING DEPARTMENT

#### **OPS TRAINING AND SAFETY SERVICES**

ORG 1440, 1448 & 6000

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
Account 2801' 2805 - Utilities			
Live Fire Prop Supplies	33,000	33,000	-
<b>Subtotal</b>	<b>33,000</b>	<b>33,000</b>	<b>-</b>
<b>S&amp;S: Ops Training and Safety</b>	<b>429,562</b>	<b>574,006</b>	<b>144,444</b>

#### **CA FF Joint Apprenticeship Committee (CFFJAC) (Org 1448)**

Account 2401' 2409 - Special Department Expense			
Misc. Expenditures	150,000	150,000	-
<b>Subtotal</b>	<b>150,000</b>	<b>150,000</b>	<b>-</b>
<b>S&amp;S: CFFJAC</b>	<b>150,000</b>	<b>150,000</b>	<b>-</b>

#### **Ops Training and Promotions (Org 6000)**

Account 1101 - Food			
Misc. Expenditures	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
Account 1601 - Memberships			
Misc. Memberships	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
Account 1801' 1809 - Office Expense			
Misc. Office Expenses	2,500	2,500	-
<b>Subtotal</b>	<b>2,500</b>	<b>2,500</b>	<b>-</b>
Account 1901' 1908 - Prof. and Specialized Services			
Misc. Expenditures	4,500	4,500	-
<b>Subtotal</b>	<b>4,500</b>	<b>4,500</b>	<b>-</b>
Account 2401' 2409 - Special Department Expense			
Misc. Special Expenditures	1,500	1,500	-
<b>Subtotal</b>	<b>1,500</b>	<b>1,500</b>	<b>-</b>
Account 2701' 2703 - Travel, Training and Meetings			
California Training Officer's Conference	8,000	8,000	-
<b>Subtotal</b>	<b>8,000</b>	<b>8,000</b>	<b>-</b>
<b>S&amp;S: Ops Training &amp; Promotions</b>	<b>18,500</b>	<b>18,500</b>	<b>-</b>
<b>Total S&amp;S: Ops Training and Safety</b>	<b>598,062</b>	<b>742,506</b>	<b>144,444</b>







**ORANGE COUNTY FIRE AUTHORITY**  
***EXECUTIVE MANAGEMENT S&S SUMMARY***  
**FY 2019/20 BUDGET**

<b>Divisions/Sections</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>Executive Management</b>			
Executive Management [1]	648,150	672,866	24,716
Executive Management Support	98,318	98,318	-
<b>Total Executive Management</b>	<b>746,468</b>	<b>771,184</b>	<b>24,716</b>
<b>Corporate Communications</b>			
Multi Media	34,000	34,000	-
Public Information Office	6,375	6,375	-
<b>Total Corporate Communications</b>	<b>40,375</b>	<b>40,375</b>	<b>-</b>
<b>Department Total [1]</b>	<b>786,843</b>	<b>811,559</b>	<b>24,716</b>

Grant funding and one-time items are not included in the FY 2018/19 base budget.

[1] Increase due to transfer from Material Management budget to decentralize office supplies, and Garden Grove Transition Allocation effective FY 2019/20



## FY 2019/20 Proposed Budget

**EXECUTIVE MANAGEMENT**  
***EXECUTIVE MANAGEMENT***  
**ORG 9901 & 9905**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Executive Management (Org 9901)</b>			
<b>Account 1101 - Food</b>			
Food for Special Meetings	400	400	-
<b>Subtotal</b>	<b>400</b>	<b>400</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
Assoc. of California Cities, Orange County	10,000	10,000	-
International Assoc. of Fire Chiefs	1,350	1,350	-
CA Fire Chiefs' Assoc.	2,000	2,000	-
Nat'l Fire Protection Assoc.	300	300	-
AFSS	100	100	-
<b>Subtotal</b>	<b>13,750</b>	<b>13,750</b>	<b>-</b>
<b>Account 1801~1810 - Office Expense</b>			
Office Supplies		947	947
<b>Subtotal</b>	<b>-</b>	<b>947</b>	<b>947</b>
<b>Account 1901~1908 - Prof and Specialized Services</b>			
Legal Counsel Services	430,000	430,000	-
Consultant Services	20,000	20,000	-
Labor Negotiation Services	70,000	70,000	-
Public Affairs Consulting Services	75,000	75,000	-
Garden Grove Transition Allocation		23,769	23,769
<b>Subtotal</b>	<b>595,000</b>	<b>618,769</b>	<b>23,769</b>
<b>Account 2401~2409 - Special Department Expense</b>			
Special Department Expense	22,500	22,500	-
<b>Subtotal</b>	<b>22,500</b>	<b>22,500</b>	<b>-</b>
<b>Account 2701~2703 - Travel, Training and Meetings</b>			
Meetings with State Officials	10,000	10,000	-
Seminars & Workshops	6,500	6,500	-
<b>Subtotal</b>	<b>16,500</b>	<b>16,500</b>	<b>-</b>
<b>S&amp;S: Executive Management</b>	<b>648,150</b>	<b>672,866</b>	<b>24,716</b>



**EXECUTIVE MANAGEMENT**  
***EXECUTIVE MANAGEMENT***  
**ORG 9901 & 9905**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>Executive Management Support (Org 9905)</b>			
<b>Account 1001`1003 - Clothing and Personal Supplies</b>			
Badges	28,086	28,086	-
<b>Subtotal</b>	<b>28,086</b>	<b>28,086</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
CA Fire Chiefs' Assoc.	365	365	-
International Assoc. of Fire Chiefs	731	731	-
California League of Cities	365	365	-
<b>Subtotal</b>	<b>1,461</b>	<b>1,461</b>	<b>-</b>
<b>Account 1801~1810 - Office Expense</b>			
Office Supplies	2,739	2,739	-
<b>Subtotal</b>	<b>2,739</b>	<b>2,739</b>	<b>-</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Honor Guard/Pipes & Drums	3,652	3,652	-
Annual Lexipol subscription fees	27,950	27,950	-
<b>Subtotal</b>	<b>31,602</b>	<b>31,602</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Ribbons, etc. for Protocol/Ceremony	15,300	15,300	-
<b>Subtotal</b>	<b>15,300</b>	<b>15,300</b>	<b>-</b>
<b>Account 2701 – Travel, Training and Meetings</b>			
Travel for Honor Guard/Pipes & Drums	10,000	10,000	-
Miscellaneous - Executive Management Support	9,130	9,130	-
<b>Subtotal</b>	<b>19,130</b>	<b>19,130</b>	<b>-</b>
<b>S&amp;S: Executive Management Support</b>	<b>98,318</b>	<b>98,318</b>	<b>-</b>
<b>Total S&amp;S: Executive Management</b>	<b>746,468</b>	<b>771,184</b>	<b>24,716</b>



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**FY 2019/20 Proposed Budget**

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**EXECUTIVE MANAGEMENT  
CORPORATE COMMUNICATIONS  
ORG 1450 and 1460**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Multi Media (Org 1450)</b>			
<b>Account 1301'1302 - Maintenance/Repair - Equipment</b>			
Audio Visual Equipment Repair	3,000	3,000	-
Miscellaneous Maintenance	1,000	1,000	-
<b>Subtotal</b>	<b>4,000</b>	<b>4,000</b>	<b>-</b>
<b>Account 1801'1809 - Office Expense</b>			
Software	6,000	6,000	-
<b>Subtotal</b>	<b>6,000</b>	<b>6,000</b>	<b>-</b>
<b>Account 2101 - Rents and Leases - Equipment</b>			
Audio Visual Equipment Rental	4,000	4,000	-
<b>Subtotal</b>	<b>4,000</b>	<b>4,000</b>	<b>-</b>
<b>Account 2401'2409 - Special Department Expense</b>			
Blank Videos, CDs and DVDs	3,000	3,000	-
Photo Printing and Scanning	3,500	3,500	-
Miscellaneous Audio Visual Supplies	7,000	7,000	-
Music License	3,500	3,500	-
<b>Subtotal</b>	<b>17,000</b>	<b>17,000</b>	<b>-</b>
<b>Account 2701'2703 - Travel, Training and Meetings</b>			
Audio Visual Specialist Training	3,000	3,000	-
<b>Subtotal</b>	<b>3,000</b>	<b>3,000</b>	<b>-</b>
<b>S&amp;S: Multi Media</b>	<b>34,000</b>	<b>34,000</b>	<b>-</b>



**EXECUTIVE MANAGEMENT**  
***CORPORATE COMMUNICATIONS***  
**ORG 1450 and 1460**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Public Information Office (Org 1460)</b>			
<b>Account 1601 - Memberships</b>			
So. California Public Info Officers Assoc.	75	75	-
California Assoc. Public Info Officers	525	525	-
State Fire Chief's Assoc./AFSS	150	150	-
National Information Officers Association	225	225	-
<b>Subtotal</b>	<b>975</b>	<b>975</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Media (Subscriptions/Guides)	750	750	-
Miscellaneous Supplies	1,450	1,450	-
<b>Subtotal</b>	<b>2,200</b>	<b>2,200</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
California State Fire Marshal Classes	2,000	2,000	-
CSTI Training - PIO	1,200	1,200	-
<b>Subtotal</b>	<b>3,200</b>	<b>3,200</b>	<b>-</b>
<b>S&amp;S: Public Information Office (PIO)</b>	<b>6,375</b>	<b>6,375</b>	<b>-</b>
<b>Total S&amp;S: Corporate Communications</b>	<b>40,375</b>	<b>40,375</b>	<b>-</b>







**ORANGE COUNTY FIRE AUTHORITY**  
***HUMAN RESOURCES DIVISION S&S SUMMARY***  
**FY 2019/20 BUDGET**

<b>Divisions/Sections</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>Risk Management</b>			
Risk Management [1], [7], [8]	1,445,819	1,801,801	355,982
Risk Management Controlled [2]	1,591,662	1,794,976	203,314
Critical Incident Stress Debriefing	10,000	10,025	25
WEFIT Program [3]	479,636	1,332,955	853,319
<b>Total Risk Management</b>	<b>3,527,117</b>	<b>4,939,757</b>	<b>1,412,640</b>
<b>Employee Benefits &amp; Services</b>			
Employee Benefits & Services [4], [7]	266,441	340,757	74,316
<b>Total Employee Benefits &amp; Services</b>	<b>266,441</b>	<b>340,757</b>	<b>74,316</b>
<b>Employee Relations</b>			
Employee Relations [5], [7], [8]	138,670	181,134	42,464
<b>Total Employee Relations</b>	<b>138,670</b>	<b>181,134</b>	<b>42,464</b>
<b>Recruitment and Selection</b>			
Recruitment and Selection [6], [7]	827,885	1,223,151	395,266
<b>Total Recruitment and Selection</b>	<b>827,885</b>	<b>1,223,151</b>	<b>395,266</b>
<b>Total Human Resources Division Total</b>	<b>4,760,113</b>	<b>6,684,799</b>	<b>1,924,686</b>
<b>Division/Department Total</b>	<b>4,760,113</b>	<b>6,684,799</b>	<b>1,924,686</b>

Grant funding and one-time items are not included in the FY 2018/19 base budget.

[1] Increase due to one-time funding of \$232,266 for workers' compensation user funding assessment.

[2] Increase due to one-time funding of \$210,479 for workers' compensation excess insurance.

[3] Increase due to ongoing funding of \$853,319 for WEFIT program physical examinations and fitness testings.

[4] Increase due to one-time funding of \$32,500 for class and comp study, \$25,000 for tuition reimbursements, and \$8,000 for CSUF Leadership Development Certificate Program.

[5] Increase due to one-time funding of \$33,868 for external investigation services.

[6] Increase due to one-time funding of \$267,726 for firefighter trainee examinations and background checks, screenings and assessments, and \$102,000 for safety and non-safety recruitment advertisement and marketing.

[7] Increase due to Garden Grove Transition Allocation effective FY 2019/20

[8] Increase due to transfer from Material Management budget to decentralize office supplies



## FY 2019/20 Proposed Budget

### HUMAN RESOURCES DIVISION

#### ***HUMAN RESOURCES DIVISION***

ORG 3355, 3349, 3307, 3354, 3351, 3385 and 3390

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Risk Management (Org 3355)</b>			
<b>Account 1601 - Memberships</b>			
PARMA	150	150	-
American Society of Safety Engineers	180	180	-
Public Risk Management Association	385	385	-
Public Safety Management Association	75	75	-
Council of Self-Insured Public Agencies	100	100	-
<b>Subtotal</b>	<b>890</b>	<b>890</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Office Supplies		204	204
<b>Subtotal</b>	<b>-</b>	<b>204</b>	<b>204</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Drug Testing (DOT and Non-DOT)	5,000	5,000	-
Occupation Medical Services	39,935	39,935	-
Risk Management Technical Services	20,000	20,000	-
Self-Insurance TPA - Workers' Comp	608,743	601,238	(7,505)
RFOTC 24/7 Uniformed Security Guard	151,843	166,488	14,645
Workers' Compensation Claims Auditor	23,000	23,000	-
Workers' Compensation User Funding Assessment	328,058	560,324	232,266
Annual Workers' Compensation Actuarial	7,650	7,650	-
Certificate of Insurance Tracking	12,000	12,000	-
Sergeant At Arms for Board Meetings	8,000	8,000	-
Counseling for Behavioral Health & Wellness Services	150,000	150,000	-
Garden Grove Transition Allocation		116,372	116,372
<b>Subtotal</b>	<b>1,354,229</b>	<b>1,710,007</b>	<b>355,778</b>
<b>Account 2401`2409 - Special Department Expense</b>			
HAZMAT Removal	15,000	15,000	-
Compliance Permits	65,000	65,000	-
<b>Subtotal</b>	<b>80,000</b>	<b>80,000</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
PARMA Annual Conference	4,100	4,100	-
FAIRA/Broker Meetings	2,000	2,000	-
American Society of Safety Engineers Conference	4,600	4,600	-
<b>Subtotal</b>	<b>10,700</b>	<b>10,700</b>	<b>-</b>
<b>S&amp;S: Risk Management</b>	<b>1,445,819</b>	<b>1,801,801</b>	<b>355,982</b>



**HUMAN RESOURCES DIVISION**

***HUMAN RESOURCES DIVISION***

**ORG 3355, 3349, 3307, 3354, 3351, 3385 and 3390**

	2018/19	2019/20	\$ Change
Item Description	Base Budget	Request	fr 2018/19 Base Budget
<b>Risk Management Controlled (Org 3349)</b>			
<b>Account 1201 - Insurance</b>			
Aircraft Liability	160,046	130,000	(30,046)
Bonds	13,008	-	(13,008)
Liability/Property Insurance	903,800	929,839	26,039
Insurance Deductibles	17,500	50,000	32,500
Insurance Broker Fees	50,000	27,500	(22,500)
Self insured Property Claim Loss	15,000	15,000	-
Fuel Storage Tanks	17,008	17,008	-
Vehicle Verifier Bond	300	150	(150)
WC Self Insurance Excess Loss Premium	415,000	625,479	210,479
<b>Subtotal</b>	<b>1,591,662</b>	<b>1,794,976</b>	<b>203,314</b>
<b>S&amp;S: Risk Management Controlled</b>	<b>1,591,662</b>	<b>1,794,976</b>	<b>203,314</b>
<b>Critical Incident Stress Debriefing (Org 3307)</b>			
<b>Account 1801`1810 - Office Expense</b>			
Office Expense	500	500	-
<b>Subtotal</b>	<b>500</b>	<b>500</b>	<b>-</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Professional Services	9,500	9,525	25
<b>Subtotal</b>	<b>9,500</b>	<b>9,525</b>	<b>25</b>
<b>S&amp;S: Critical Incident Stress Debriefing</b>	<b>10,000</b>	<b>10,025</b>	<b>25</b>
<b>WEFIT Program (Org 3354)</b>			
<b>Account 1001`1002 - Clothing &amp; Personal Supplies</b>			
Clothing and Personal Supplies	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Exercise Equipment Maintenance	30,000	30,000	-
<b>Subtotal</b>	<b>30,000</b>	<b>30,000</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
Commercial Fitness Center Memberships	11,000	11,000	-
<b>Subtotal</b>	<b>11,000</b>	<b>11,000</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Health/Fitness Educational Material	1,500	1,500	-
<b>Subtotal</b>	<b>1,500</b>	<b>1,500</b>	<b>-</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Physical Exams and Fitness Testing	311,000	1,164,319	853,319
<b>Subtotal</b>	<b>311,000</b>	<b>1,164,319</b>	<b>853,319</b>



## FY 2019/20 Proposed Budget

### HUMAN RESOURCES DIVISION

#### **HUMAN RESOURCES DIVISION**

ORG 3355, 3349, 3307, 3354, 3351, 3385 and 3390

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Account 2401`2409 - Special Department Expense</b>			
Exercise Equipment	105,136	105,136	-
<b>Subtotal</b>	<b>105,136</b>	<b>105,136</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Fitness Training/Classes	20,000	20,000	-
<b>Subtotal</b>	<b>20,000</b>	<b>20,000</b>	<b>-</b>
<b>S&amp;S: WEFIT Program</b>	<b>479,636</b>	<b>1,332,955</b>	<b>853,319</b>
<b>S&amp;S: Total Risk Management</b>	<b>3,527,117</b>	<b>4,939,757</b>	<b>1,412,640</b>

#### **Employee Benefits & Services (Org 3351)**

<b>Account 1201 - Insurance</b>			
OCPFA GBT Survivor Benefit	43,000	43,000	-
<b>Subtotal</b>	<b>43,000</b>	<b>43,000</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
Benefit Membership & Certifications	2,500	2,500	-
<b>Subtotal</b>	<b>2,500</b>	<b>2,500</b>	<b>-</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Class & Comp Services		70,000	70,000
Employee Assistance Program	37,500	-	(37,500)
Discovery Benefits COBRA & FSA	3,800	3,800	-
Management Physicals	4,466	4,466	-
Bilingual Testing	1,875	1,875	-
<b>Subtotal</b>	<b>47,641</b>	<b>80,141</b>	<b>32,500</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Management Tuition Reimbursement	35,000	35,000	-
Non-Management Tuition Reimbursement	125,000	150,000	25,000
Garden Grove Transition Allocation		8,816	8,816
<b>Subtotal</b>	<b>160,000</b>	<b>193,816</b>	<b>33,816</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
CalPELRA & PELRAC	4,000	4,000	-
Various Trainings	4,250	12,250	8,000
LCW Annual Conference	1,950	1,950	-
CalPERS Benefit Conference	3,100	3,100	-
<b>Subtotal</b>	<b>13,300</b>	<b>21,300</b>	<b>8,000</b>
<b>S&amp;S: Employee Benefits &amp; Services</b>	<b>266,441</b>	<b>340,757</b>	<b>74,316</b>



HUMAN RESOURCES DIVISION

**HUMAN RESOURCES DIVISION**

ORG 3355, 3349, 3307, 3354, 3351, 3385 and 3390

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Employee Relations (Org 3385)</b>			
<b>Account 1601 - Memberships</b>			
OC HR Consortium	250	250	-
OC HR Consortium LCW w/Law Library	4,150	4,150	-
California State Bar	1,350	1,350	-
CalPELRA	1,400	1,400	-
Association of Workplace Investigators	675	675	-
PELRAC	1,050	1,050	-
NPELRA	525	525	-
<b>Subtotal</b>	<b>9,400</b>	<b>9,400</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Books & Subscriptions	8,470	8,470	-
Office Supplies		2,585	2,585
<b>Subtotal</b>	<b>8,470</b>	<b>11,055</b>	<b>2,585</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Investigation Services	3,868	3,868	-
Legal Services	10,000	10,000	-
Customized Training & Crisis Management	23,000	23,000	-
Class & Comp Studies	35,000	-	(35,000)
External Investigation Services	31,132	100,000	68,868
Garden Grove Transition Allocation		6,011	6,011
<b>Subtotal</b>	<b>103,000</b>	<b>142,879</b>	<b>39,879</b>
<b>Account 2001 - Publications and Legal Notices</b>			
Federal Notices	3,300	3,300	-
Subscriptions	2,000	2,000	-
<b>Subtotal</b>	<b>5,300</b>	<b>5,300</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
CalPELRA	8,000	8,000	-
LCW Annual Conference	3,000	3,000	-
SCPMA - HR	300		(300)
Webinars	1,200	1,500	300
<b>Subtotal</b>	<b>12,500</b>	<b>12,500</b>	<b>-</b>
<b>S&amp;S: Employee Relations</b>	<b>138,670</b>	<b>181,134</b>	<b>42,464</b>



## FY 2019/20 Proposed Budget

### HUMAN RESOURCES DIVISION

#### **HUMAN RESOURCES DIVISION**

ORG 3355, 3349, 3307, 3354, 3351, 3385 and 3390

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Recruitment and Selection (Org 3390)</b>			
<b>Account 1101 - Food</b>			
Recruitment & Promotions Interviews/Assessment Centers	21,050	21,050	-
<b>Subtotal</b>	<b>21,050</b>	<b>21,050</b>	<b>-</b>
<b>Account 1301 - Maintenance/Repair - Equipment</b>			
NEOGOV Insight	9,601	9,601	-
NEOGOV Performance Appraisal	30,248	30,248	-
NEOGOV Onboarding	15,624	15,624	-
OPAC Pre-Employment Testing	5,245	5,245	-
CritiCall Dispatcher Pre-Employment Testing	1,575	1,575	-
<b>Subtotal</b>	<b>62,293</b>	<b>62,293</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
SHRM	418	209	(209)
Personnel Testing Council of So Cal	80	80	-
IPMA Agency	957	957	-
PELRAC	175		(175)
Western Region Item Bank Employment Testing	1,800	-	(1,800)
<b>Subtotal</b>	<b>3,430</b>	<b>1,246</b>	<b>(2,184)</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Supplies	2,500	2,500	-
Postage	100	100	-
Printing	100	100	-
Document Destruction	960	960	-
<b>Subtotal</b>	<b>3,660</b>	<b>3,660</b>	<b>-</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Exam Development & Test Materials	57,000	174,000	117,000
Fingerprint Services	20,128	26,788	6,660
Pre-Employment Background Investigations	258,000	303,000	45,000
Seasonal HCFF Irvine - background check	48,000	37,500	(10,500)
Employment Physicals	282,924	379,674	96,750
Pre-Employment Psychological Assessments	51,600	60,600	9,000
Garden Grove Transition Allocation		25,540	25,540
<b>Subtotal</b>	<b>717,652</b>	<b>1,007,102</b>	<b>289,450</b>
<b>Account 2201 - Rents &amp; Leases - Facilities</b>			
Safety Exams	7,500	12,000	4,500
Non-Safety Exams	2,000	2,000	-
<b>Subtotal</b>	<b>9,500</b>	<b>14,000</b>	<b>4,500</b>



**HUMAN RESOURCES DIVISION**

***HUMAN RESOURCES DIVISION***

**ORG 3355, 3349, 3307, 3354, 3351, 3385 and 3390**

			<b>\$ Change</b>
	<b>2018/19</b>	<b>2019/20</b>	<b>fr 2018/19</b>
<b>Item Description</b>	<b>Base Budget</b>	<b>Request</b>	<b>Base Budget</b>
<b>Account 2401'2409 - Special Department Expense</b>			
Recruitment Advertising & Job Fairs	8,000	110,000	102,000
<b>Subtotal</b>	<b>8,000</b>	<b>110,000</b>	<b>102,000</b>
<b>Account 2701'2703 - Travel, Training and Meetings</b>			
LCW Annual Conference	1,500	-	(1,500)
NEOGOV		3,000	3,000
HR Staff Training	800	800	-
<b>Subtotal</b>	<b>2,300</b>	<b>3,800</b>	<b>1,500</b>
<b>S&amp;S: Recruitment and Selection</b>	<b>827,885</b>	<b>1,223,151</b>	<b>395,266</b>
<b>Total S&amp;S: Human Resources Division</b>	<b>4,760,113</b>	<b>6,684,799</b>	<b>1,924,686</b>







**ORANGE COUNTY FIRE AUTHORITY**  
**LOGISTICS DEPARTMENT S&S SUMMARY**  
**FY 2019/20 BUDGET**

<b>Divisions/Sections</b>	<b>2018/19 Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>Fleet Services</b>			
Fleet Services [1]	148,220	150,393	2,173
Automotive Stock [8]	3,173,291	3,284,416	111,125
<b>Total Fleet Services</b>	<b>3,321,511</b>	<b>3,434,809</b>	<b>113,298</b>
<b>Information Technology Division</b>			
Communications & IT Infrastructure [2], [8]	1,783,437	2,143,943	360,506
Systems Development & Support [1], [8]	1,446,108	1,490,764	44,656
Communications & Workplace Support [1], [3], [8]	1,573,685	1,601,499	27,814
GIS & Mapping [1], [4], [8]	667,008	384,647	(282,361)
<b>Total Information Technology Division</b>	<b>5,470,238</b>	<b>5,620,853</b>	<b>150,615</b>
<b>Materiel Management</b>			
Service Center	42,165	42,165	-
Service Center Inventory [1], [5], [8]	2,509,818	3,178,896	669,078
<b>Total Materiel Management</b>	<b>2,551,983</b>	<b>3,221,061</b>	<b>669,078</b>
<b>Property Management</b>			
Property Management [1], [6], [8], [9]	4,817,031	5,406,496	589,465
<b>Total Property Management</b>	<b>4,817,031</b>	<b>5,406,496</b>	<b>589,465</b>
<b>Department Total</b>	<b>16,160,763</b>	<b>17,683,219</b>	<b>1,522,456</b>

Grant funding and one-time items are not included in the FY 2018/19 base budget.

[1] Decentralization of offices supplies budget reduced Material Management budget by \$67,267 and transferred the allocated amounts to the appropriate sections/divisions authority-wide effective FY 2019/20

[2] Increase due to one-time funding of \$234,419 for additional utility services for phone lines/data circuits, remote connection maintenance, increase cost of County of Orange 800 MHz license support, anti-virus maintenance, VPN and telephone support and maintenance, and \$47,500 for new CLETS data line, radio emergency communications, network and server monitoring services.

[3] Proposed termination of a contract reduced the professional fees by \$231,340, offset by \$205,775 one-time increase for fabrication supplies for new vehicles, additional costs for mobile telephone services.

[4] Proposed termination of a contract reduced the professional fees by \$291,667.

[5] Increase due to one-time funding of \$417,431 for Academy 48 uniforms and PPE, and one-time funding for additional set of uniforms for operations personnel.

[6] Increase due to one-time funding of \$325,000 to meet the increased equipment and building work orders for facility maintenance of the OCFA.

[7] A significant portion of savings from the termination of the contract in Information Technology Division will be used to fund several proposed positions in the Information Technology Division.

[8] Increase due to Garden Grove Transition Allocation effective FY 2019/20

[9] Increase due to Garden Grove stations rent/lease and maintenance charges effective FY 2019/20



## FY 2019/20 Proposed Budget

**LOGISTICS DEPARTMENT**  
***FLEET SERVICES SECTION***  
**ORG 4450 & 4459**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Fleet Services (Org 4450)</b>			
<b>Account 1001 - Clothing and Personal Supplies</b>			
Uniform Service	10,000	15,000	5,000
<b>Subtotal</b>	<b>10,000</b>	<b>15,000</b>	<b>5,000</b>
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Misc. Shop Equipment	9,500	9,500	-
Fleet Services Software Maintenance	15,000	15,000	-
<b>Subtotal</b>	<b>24,500</b>	<b>24,500</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
Misc. Memberships (i.e. MEMA & Cal Fire)	340	340	-
<b>Subtotal</b>	<b>340</b>	<b>340</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Office Expense	3,890	6,063	2,173
<b>Subtotal</b>	<b>3,890</b>	<b>6,063</b>	<b>2,173</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Drive Off Service	5,000	5,000	-
Parts Washer Service	2,000	2,000	-
Reclamation Environmental Services	2,500	9,260	6,760
<b>Subtotal</b>	<b>9,500</b>	<b>16,260</b>	<b>6,760</b>
<b>Account 2300 - Small Tools and Instruments</b>			
Tool Reimbursement	31,550	31,550	-
<b>Sub-total</b>	<b>31,550</b>	<b>31,550</b>	<b>-</b>
<b>Account 2401`2409 - Special Dept Expense</b>			
DMV Fees	1,800	1,800	-
<b>Subtotal</b>	<b>1,800</b>	<b>1,800</b>	<b>-</b>
<b>Account 2601`2602 - Transportation</b>			
Gasoline	11,760		(11,760)
<b>Subtotal</b>	<b>11,760</b>	<b>-</b>	<b>(11,760)</b>



**LOGISTICS DEPARTMENT**  
**FLEET SERVICES SECTION**  
**ORG 4450 & 4459**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
Account 2701`2703 - Travel, Training and Meetings			
Training	54,880	54,880	-
Subtotal	54,880	54,880	-
<b>S&amp;S: Fleet Services</b>	<b>148,220</b>	<b>150,393</b>	<b>2,173</b>

**Automotive Stock (Org 4459)**

Account 1301`1302 - Maintenance/Repair - Equipment

Air Utility Services	1,500	1,500	-
Antifreeze	13,500	13,500	-
DEF	10,000	10,000	-
Auto Glass Service	1,300	1,300	-
Batteries (Vehicle)	95,000	95,000	-
Gel Cell batteries	15,100	15,100	-
Car Wash/Detailing	13,000	13,000	-
Starter/Alternator Repairs	15,450	15,450	-
Chevrolet Engine/Body Parts (Light)	45,000	45,000	-
Code 3 Equipment/Light Bar	25,000	25,000	-
Diesel Engine Service & Repair	38,000	38,000	-
Dozer Parts & Service	28,000	28,000	-
Ford Parts & Repairs	100,000	100,000	-
Generator Parts	3,000	3,000	-
Heavy & Light Apparatus PM	270,000	270,000	-
Fire Truck Maintenance Parts	150,000	150,000	-
Misc. Shop Equipment	28,838	28,838	-
Oil	50,000	50,000	-
Parts (Heavy)	39,000	39,000	-
Parts (Light)	50,000	50,000	-
Misc. Parts & Service	40,000	40,000	-
Radiator	20,000	20,000	-
Smog	3,000	3,000	-
Suspension/Brakes (Heavy)	75,000	75,000	-
Tires Parts & Labor	400,000	400,000	-
Towing Heavy/Light	6,000	6,000	-
Transmission Repairs & Services	60,000	60,000	-
Upholstery	8,000	8,000	-
International Truck Parts	70,000	70,000	-
Battery Chargers/Electric	25,000	25,000	-
Garden Grove Transition Allocation		111,125	111,125
<b>Subtotal</b>	<b>1,698,688</b>	<b>1,809,813</b>	<b>111,125</b>



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**FY 2019/20 Proposed Budget**

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**LOGISTICS DEPARTMENT  
FLEET SERVICES SECTION  
ORG 4450 & 4459**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Aerial Recertification	36,450	36,450	-
Drive Off Service	550	550	-
Parts Washer Service	3,000	3,000	-
<b>Subtotal</b>	<b>40,000</b>	<b>40,000</b>	<b>-</b>
<b>Account 2601`2602 - Transportation</b>			
Diesel Fuel	630,000	630,000	-
Fuel Credit Cards	435,000	435,000	-
Gasoline	369,603	369,603	-
<b>Subtotal</b>	<b>1,434,603</b>	<b>1,434,603</b>	<b>-</b>
<b>S&amp;S: Automotive Stock</b>	<b>3,173,291</b>	<b>3,284,416</b>	<b>111,125</b>
<b>Total S&amp;S: Fleet Services</b>	<b>3,321,511</b>	<b>3,434,809</b>	<b>113,298</b>



**LOGISTICS DEPARTMENT**  
**INFORMATION TECHNOLOGY DIVISION**  
**ORG 3380, 4350, 4423 and 4355**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Communications &amp; IT Infrastructure (Org 3380)</b>			
<b>Account 1051 - Communications</b>			
Utility Service for Phone Lines/Data Circuit	550,000	550,000	-
Cable Services	4,800	4,800	-
Satellite TV Services	2,000	2,000	-
Language Line	100	100	-
US&R Warehouse	2,400	2,400	-
<b>Subtotal</b>	<b>559,300</b>	<b>559,300</b>	<b>-</b>
<b>Account 1301'1302 - Maintenance/Repair - Equipment</b>			
Network Router/switch Maintenance	101,000	201,000	100,000
Server Operating Sys. Software	19,588	19,588	-
Remote Connection Maintenance	7,600	15,000	7,400
Contract Services	14,817	14,817	-
Internet Service Providers	52,800	52,800	-
Anti-Virus/Anti-Spam	36,000	36,000	-
Server Hardware	51,999	51,999	-
Storage Area Network	43,000	43,000	-
Maintenance for RFOTC Telephone Systems	50,000	50,000	-
County of Orange-800 MHz Partnership Costs	374,690	473,209	98,519
Antivirus Maintenance	9,500	12,000	2,500
911 Voice Recording Maintenance	11,000	11,000	-
Offsite Data Storage	19,000	19,000	-
Email Enterprise backup	35,000	35,000	-
VPN Maintenance	25,000	38,000	13,000
Virtualization Maintenance	25,000	25,000	-
Telephone Maintenance	12,000	25,000	13,000
Fire Station Alerting System Maintenance	65,000	65,000	-
CLETS Data line (for Investigations)		13,500	13,500
Radio Emergency Communications (Genwatch Support)		18,000	18,000
Network and Server Monitoring (SolarWinds Support)		16,000	16,000
Garden Grove Transition Allocation		71,310	71,310
<b>Subtotal</b>	<b>952,994</b>	<b>1,306,223</b>	<b>353,229</b>
<b>Account 1801'1810 - Office Expense</b>			
IT Office Supplies & Software	17,289	24,566	7,277
<b>Subtotal</b>	<b>17,289</b>	<b>24,566</b>	<b>7,277</b>
<b>Account 1901'1908 - Prof. and Specialized Services</b>			
Computer Room Maintenance	7,972	7,972	-
Network Engineering Services	50,000	50,000	-
Storage of Network Backup	5,000	5,000	-
Station Alerting Custom Programming	25,000	25,000	-
Station Alerting Repairs (electrician)	75,000	75,000	-
<b>Subtotal</b>	<b>162,972</b>	<b>162,972</b>	<b>-</b>



## FY 2019/20 Proposed Budget

**LOGISTICS DEPARTMENT**  
**INFORMATION TECHNOLOGY DIVISION**  
**ORG 3380, 4350, 4423 and 4355**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b>Account 2401`2409 - Special Dept Expense</b>			
Telephone Parts	35,000	35,000	-
Network & Equipment Room Parts & Supplies	30,000	30,000	-
<b>Subtotal</b>	<b>65,000</b>	<b>65,000</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Training/Travel	16,000	16,000	-
Staff Technical Training	9,882	9,882	-
<b>Subtotal</b>	<b>25,882</b>	<b>25,882</b>	<b>-</b>
<b>S&amp;S: Communications &amp; IT Infrastructure</b>	<b>1,783,437</b>	<b>2,143,943</b>	<b>360,506</b>
<b>Systems Development &amp; Support (Org 4350)</b>			
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
RMS Maintenance	71,277	20,000	(51,277)
RMS Report Software	10,770	10,770	-
Internet/Intranet Support	21,713	21,713	-
Database Software Maintenance	48,230	48,230	-
Fleet STMS Maintenance	12,085	12,085	-
Compiler Maintenance	1,450	1,450	-
HRMS Consulting Services	65,000	65,000	-
HRMS System Maintenance	100,000	100,000	-
AVL, CAD2CAD Maintenance	109,000	109,000	-
SharePoint Admin Maintenance	8,500	8,500	-
Staffing Database Maintenance	1,200	1,200	-
CAD Software Maintenance	371,000	371,000	-
Moveup Software Maintenance	49,050	49,050	-
Internet Content Management System	11,000	-	(11,000)
Smartphone Incident Notification App	2,400	2,400	-
HRMS Compiler Maintenance	1,000	1,000	-
HRMS Utilities Maintenance	960	960	-
Apple Developer Enterprise	425	425	-
Garden Grove Transition Allocation		49,368	49,368
<b>Subtotal</b>	<b>885,060</b>	<b>872,151</b>	<b>(12,909)</b>
<b>Account 1801`1810 - Office Expense</b>			
IT Office Supplies & Software	10,000	12,565	2,565
Microsoft Software Enterprise Agreement	382,000	425,000	43,000
Pulsepoint Maintenance Contract	28,000	40,000	12,000
<b>Subtotal</b>	<b>420,000</b>	<b>477,565</b>	<b>57,565</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Public Safety Systems Programming	50,000	50,000	-
Intranet/Internet Calendar Development	50,000	50,000	-
<b>Subtotal</b>	<b>100,000</b>	<b>100,000</b>	<b>-</b>



**LOGISTICS DEPARTMENT**  
**INFORMATION TECHNOLOGY DIVISION**  
**ORG 3380, 4350, 4423 and 4355**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Travel/Training	29,048	29,048	-
Staff Technical Training	12,000	12,000	-
<b>Subtotal</b>	<b>41,048</b>	<b>41,048</b>	<b>-</b>
<b>S&amp;S: Systems Development &amp; Support</b>	<b>1,446,108</b>	<b>1,490,764</b>	<b>44,656</b>
<b>Communications &amp; Workplace Support (Org 4423)</b>			
<b>Account 1051 - Communications</b>			
Mobile Telephone Service	650,000	700,000	50,000
Paging Services - County of Orange	38,400	38,400	-
I-Pads for CAPA	4,800	4,800	-
BC Conference Lines	8,487	8,487	-
On-Line Meeting Service	12,516	12,516	-
Garden Grove Transition Allocation		53,026	53,026
<b>Subtotal</b>	<b>714,203</b>	<b>817,229</b>	<b>103,026</b>
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Communication Equipment Maintenance	140,000	140,000	-
High Speed Printer Maintenance	4,225	10,000	5,775
Help Desk Software Maintenance	20,534	20,534	-
QPCS - AVL System Management Service	5,100	5,100	-
<b>Subtotal</b>	<b>169,859</b>	<b>175,634</b>	<b>5,775</b>
<b>Account 1801`1810 - Office Expense</b>			
Packing & Office Supplies/Equipment Storage	55,640	55,993	353
Software (annual), Small Equipment Purchases	20,000	20,000	-
<b>Subtotal</b>	<b>75,640</b>	<b>75,993</b>	<b>353</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Professional Services	396,583	165,243	(231,340)
Comm. Installation/Vehicle Replacement	50,000	50,000	-
<b>Subtotal</b>	<b>446,583</b>	<b>215,243</b>	<b>(231,340)</b>
<b>Account 2201 - Rents and Leases - Facilities</b>			
CHF Repeater Site Leases	6,800	6,800	-
<b>Subtotal</b>	<b>6,800</b>	<b>6,800</b>	<b>-</b>
<b>Account 2301`2309 - Small Tools and Instruments</b>			
Misc. Parts/Tech Tools/Supplies	4,600	4,600	-
<b>Subtotal</b>	<b>4,600</b>	<b>4,600</b>	<b>-</b>



## FY 2019/20 Proposed Budget

**LOGISTICS DEPARTMENT**  
**INFORMATION TECHNOLOGY DIVISION**  
**ORG 3380, 4350, 4423 and 4355**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b>Account 2401`2409 - Special Dept Expense</b>			
Fabrication and Supplies	150,000	300,000	150,000
<b>Subtotal</b>	<b>150,000</b>	<b>300,000</b>	<b>150,000</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Training	6,000	6,000	-
<b>Subtotal</b>	<b>6,000</b>	<b>6,000</b>	<b>-</b>
<b>S&amp;S: Communications &amp; Workplace Support</b>	<b>1,573,685</b>	<b>1,601,499</b>	<b>27,814</b>
<b>GIS &amp; Mapping (Org 4355)</b>			
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Misc. Software Maintenance	3,968	3,968	-
Win 2 Data Subscription	1,000	1,000	-
Geospatial Software Maintenance	66,000	66,000	-
Digital Pen	750	750	-
<b>Subtotal</b>	<b>71,718</b>	<b>71,718</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Office/Printer Supplies	13,000	13,162	162
Compucom	1,110	1,110	-
<b>Subtotal</b>	<b>14,110</b>	<b>14,272</b>	<b>162</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
Professional Services	500,000	208,333	(291,667)
ESRI Professional Services	10,000	10,000	-
Geospatial Professional Services	50,000	50,000	-
Garden Grove Transition Allocation		9,144	9,144
<b>Subtotal</b>	<b>560,000</b>	<b>277,477</b>	<b>(282,523)</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Travel/Training	10,000	10,000	-
Training	11,180	11,180	-
<b>Subtotal</b>	<b>21,180</b>	<b>21,180</b>	<b>-</b>
<b>S&amp;S: GIS &amp; Mapping</b>	<b>667,008</b>	<b>384,647</b>	<b>(282,361)</b>
<b>Total S&amp;S: Information Technology Division</b>	<b>5,470,238</b>	<b>5,620,853</b>	<b>150,615</b>



**LOGISTICS DEPARTMENT**  
***MATERIEL MANAGEMENT SECTION***  
**ORG 4410 & 4419**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Service Center (Org 4410)</b>			
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Air Fill Station Repair	9,000	9,000	-
Lift Truck Maintenance	2,000	2,000	-
Welding Gases	1,600	1,600	-
<b>Subtotal</b>	<b>12,600</b>	<b>12,600</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
Costco Memberships	165	165	-
SAFER Memberships	50	50	-
<b>Subtotal</b>	<b>215</b>	<b>215</b>	
<b>Account 1801`1810 - Office Expense</b>			
Office Equipment Controlled	3,000	3,000	-
<b>Subtotal</b>	<b>3,000</b>	<b>3,000</b>	<b>-</b>
<b>Account 1901`1908 - Professional and Specialized Services</b>			
Quantitative SCBA Fit Testing	19,000	19,000	-
	<b>19,000</b>	<b>19,000</b>	<b>-</b>
<b>Account 2300 - Small Tools and Instruments</b>			
Miscellaneous Small Tools	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Trans/Travel (Safer Meetings)	250	250	-
Training Registration Fees	2,400	2,400	-
Misc. Training (Svc Center Staff)	3,700	3,700	-
<b>Subtotal</b>	<b>6,350</b>	<b>6,350</b>	<b>-</b>
<b>S&amp;S: Service Center</b>	<b>42,165</b>	<b>42,165</b>	<b>-</b>



## FY 2019/20 Proposed Budget

**LOGISTICS DEPARTMENT**  
**MATERIEL MANAGEMENT SECTION**  
**ORG 4410 & 4419**

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b>Inventory - Service Center (Org 4419)</b>			
<b>Account 1001*1003 - Clothing and Personal Supplies</b>			
Boot Reimbursement	3,000	3,000	-
Rain Suits	1,500	1,500	-
Safety Clothing - Academy	50,000	501,591	451,591
Safety Clothing - Structure	250,000	250,000	-
Safety Clothing - Wildland	70,000	70,000	-
Safety Clothing - Gloves, FF PPE Ensemble	8,000	8,000	-
Safety Clothing - FF Structural Gloves	13,500	13,500	-
Turnout Cleaning & Repair	77,000	100,000	23,000
Helmets	60,000	60,000	-
Uniforms	517,000	727,000	210,000
Uniforms - City of Irvine HCFF	18,700	18,700	-
Garden Grove Transition Allocation		108,914	108,914
<b>Subtotal</b>	<b>1,068,700</b>	<b>1,862,205</b>	<b>793,505</b>
<b>Account 1101 - Food</b>			
Food - In County Incidents	23,000	23,000	-
Emergency Food Supplies	12,000	12,000	-
<b>Subtotal</b>	<b>35,000</b>	<b>35,000</b>	<b>-</b>
<b>Account 1151 - Household Expenses</b>			
Household Supplies	200,000	150,000	(50,000)
Misc. Household	10,000	10,000	-
Mattress Pads	2,000	2,000	-
<b>Subtotal</b>	<b>212,000</b>	<b>162,000</b>	<b>(50,000)</b>
<b>Account 1301*1302 - Maintenance/Repair - Equipment</b>			
Breathing Apparatus Repair Parts/Service	65,000	65,000	-
SCBA Cylinder Hydrostatic Testing	12,000	12,000	-
Fire Extinguisher Service	10,000	10,000	-
Hurst Tool Repair	20,000	20,000	-
Safety Ladder Inspection & Testing	45,000	35,000	(10,000)
Small Engine Repair	20,000	15,000	(5,000)
Vehicle Wax	14,000	14,000	-
Thermal Imaging Camera Repair/Battery Replacement	30,000	30,000	-
<b>Subtotal</b>	<b>216,000</b>	<b>201,000</b>	<b>(15,000)</b>
<b>Account 1501*1509 - Medical Supplies and Equipment</b>			
Medical Oxygen	10,000	10,000	-
<b>Subtotal</b>	<b>10,000</b>	<b>10,000</b>	<b>-</b>



**LOGISTICS DEPARTMENT**  
**MATERIEL MANAGEMENT SECTION**  
**ORG 4410 & 4419**

<b>Item Description</b>	<b>2018/19 Budget</b>	<b>2019/20 Request</b>	<b>\$ Change 2018/19 Base Budget</b>
<b>Account 1801`1810 - Office Expense</b>			
Business Cards	6,500	6,500	-
Business Forms	1,000	1,000	-
Copy Paper	25,000	25,000	-
Engraving	1,000	1,000	-
Envelopes	5,000	5,000	-
FAX Supplies	500	500	-
Office Supplies	50,000	15,000	(35,000)
Printer Supplies	40,000	7,733	(32,267)
Rubber Stamps	1,500	1,500	-
Thomas Bros. Maps	1,000	1,000	-
<b>Subtotal</b>	<b>131,500</b>	<b>64,233</b>	<b>(67,267)</b>
<b>Account 2301`2309 - Small Tools and Instruments</b>			
Batteries	3,000	3,000	-
Miscellaneous Small Tools	3,000	3,000	-
Replacement Flashlights	5,000	5,000	-
<b>Subtotal</b>	<b>11,000</b>	<b>11,000</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Foam All Types	40,000	-	(40,000)
Hose - All Sizes	291,458	291,458	-
Misc. Fire Equipment	117,500	117,500	-
Sand Bags	12,160	10,000	(2,160)
Miscellaneous Supplies	1,500	1,500	-
SCBA Voice Amplifiers	52,000	52,000	-
Scott Air Pack Cylinder Replacement	100,000	150,000	50,000
Sign Material	11,000	11,000	-
Thermal Imaging Cameras	200,000	200,000	-
<b>Subtotal</b>	<b>825,618</b>	<b>833,458</b>	<b>7,840</b>
<b>S&amp;S: Inventory - Service Center</b>	<b>2,509,818</b>	<b>3,178,896</b>	<b>669,078</b>
<b>Total S&amp;S: Materiel Management Section</b>	<b>2,551,983</b>	<b>3,221,061</b>	<b>669,078</b>



## FY 2019/20 Proposed Budget

### LOGISTICS DEPARTMENT **PROPERTY MANAGEMENT SECTION** SUB-FUND 12150 - ORG 3365 and M Orgs

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Property Management (Org 3365)</b>			
<b>Account 1151 - Household Expenses</b>			
Appliances Replacement	25,000	47,500	22,500
Furniture Replacement	25,000	47,500	22,500
<b>Subtotal</b>	<b>50,000</b>	<b>95,000</b>	<b>45,000</b>
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Air Compressor Maintenance & Repairs	5,000	50,000	45,000
Exhaust Collection System Maintenance	75,000	200,000	125,000
Fire Alarm Systems Maintenance	25,000	25,000	-
Appliances - Service and Repairs	30,000	30,000	-
Generator Maintenance & Repairs	49,500	49,500	-
AST Fuel Maintenance & Repairs	40,000	40,000	-
Fire Props	35,000	35,000	-
Misc. Equipment Maintenance	5,000	5,000	-
<b>Subtotal</b>	<b>264,500</b>	<b>434,500</b>	<b>170,000</b>
<b>Account 1402 - Building Maintenance/Repair</b>			
Apparatus Doors Service and Repairs	90,000	90,000	-
Building Systems Service and Repairs	100,000	100,000	-
Electrical Repairs	50,000	50,000	-
Plumbing Repairs	100,000	100,000	-
Flooring Repairs	35,000	35,000	-
One-time PO's & Direct Pay	230,000	230,000	-
Painting ( Partial Interior and Exterior)	30,000	30,000	-
Roof Systems Service and Repairs	40,000	150,000	110,000
Repair and Maintenance	202,000	202,000	-
Scheduled Maintenance, Renovation & Replacement	350,000	350,000	-
Alterations & Improvements-OCFA Fire Stations	250,000	250,000	-
Garden Grove Transition Allocation		158,225	158,225
<b>Subtotal</b>	<b>1,477,000</b>	<b>1,745,225</b>	<b>268,225</b>
<b>Account 1406 - Building Services</b>			
RFOTC Maintenance & Custodial Services	175,000	175,000	-
Pest Control	40,000	40,000	-
<b>Subtotal</b>	<b>215,000</b>	<b>215,000</b>	<b>-</b>
<b>Account 1407 - Grounds</b>			
Grounds Maintenance	90,000	90,000	-
Signage	1,000	1,000	-
Surface Repairs	2,000	2,000	-
Fencing and Gates Repairs	5,000	5,000	-
<b>Subtotal</b>	<b>98,000</b>	<b>98,000</b>	<b>-</b>



**LOGISTICS DEPARTMENT**  
**PROPERTY MANAGEMENT SECTION**  
**SUB-FUND 12150 - ORG 3365 and M Orgs**

<b>Item Description</b>	<b>2018/19 Budget</b>	<b>2019/20 Request</b>	<b>\$ Change 2018/19 Base Budget</b>
<b>Account 1801`1810 - Office Expense</b>			
Office Supplies	-	1,233	1,233
<b>Subtotal</b>	<b>-</b>	<b>1,233</b>	<b>1,233</b>
<b>Account 1901`1908 - Prof. and Specialized Services</b>			
US&R Warehouse-Security Service	3,000	3,000	-
US&R Warehouse-Common Area Maintenance(CAM)	20,000	20,000	-
<b>Subtotal</b>	<b>23,000</b>	<b>23,000</b>	<b>-</b>
<b>Account 2201 - Rents and Leases - Facilities</b>			
Station# 6, & 36 - Irvine	2	2	-
Station# 13 - La Palma	1	1	-
Station# 17 - Tri-Cities	1	1	-
Station# 18 - Trabuco	1	1	-
Station# 34 & 35 - Placentia	2	2	-
Station# 37 & 43 - Tustin	2	2	-
Station# 41 - Fullerton, Hangar Lease	85,000	85,000	-
Station# 41 - Fullerton, Tower	25,000	25,000	-
Station# 44 & 48 - Seal Beach	2	2	-
Station# 46 - Stanton	1	1	-
Station# 50, 59 & 60 - San Clemente	3	3	-
Station# 61, 62 & 63 - Buena Park	3	3	-
Station# 64, 65 & 66 - Westminster	3	3	-
Station# 70, 71, 72, 73, 74, 75, 76, 77, 78 and 79-Santa Ana	10	10	-
Station# 80, 81, 82, 83, 84, 85, 86 - Garden Grove	-	7	7
<b>Subtotal</b>	<b>110,031</b>	<b>110,038</b>	<b>7</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Staff Development and Training	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
<b>Account 2801`2805 - Utilities</b>			
Liquid Propane Gas (LPG)	8,500	8,500	-
Trash Collection	180,000	180,000	-
Gas	90,000	90,000	-
Electricity	1,700,000	1,700,000	-
Water	300,000	300,000	-
<b>Subtotal</b>	<b>2,278,500</b>	<b>2,278,500</b>	<b>-</b>
<b>Account 3701 - Taxes and Assessments</b>			
Sewer Assessment	30,000	30,000	-
<b>Subtotal</b>	<b>30,000</b>	<b>30,000</b>	<b>-</b>



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**FY 2019/20 Proposed Budget**

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**LOGISTICS DEPARTMENT  
PROPERTY MANAGEMENT SECTION**

SUB-FUND 12150 - ORG 3365 and M Orgs

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b>Cash Contract Cities - John Wayne Airport (Org M033)</b>			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - JWA FS33	10,000	10,000	-
Subtotal	10,000	10,000	-
<b>Cash Contract Cities - Placentia (Org M100)</b>			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Placentia	20,000	20,000	-
Subtotal	20,000	20,000	-
<b>Cash Contract Cities - Tustin (Org M200)</b>			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Tustin	20,000	20,000	-
Subtotal	20,000	20,000	-
<b>Cash Contract Cities - Seal Beach (Org M300)</b>			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Seal Beach	20,000	20,000	-
Subtotal	20,000	20,000	-
<b>Cash Contract Cities - Stanton (Org M400)</b>			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Stanton	10,000	10,000	-
Subtotal	10,000	10,000	-
<b>Cash Contract Cities - San Clemente (Org M500)</b>			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - San Clemente	30,000	30,000	-
Subtotal	30,000	30,000	-
<b>Cash Contract Cities - Buena Park (Org M600)</b>			
Account 1402 - Building Maintenance/Repair			
Cash Contract Cities - Buena Park	30,000	30,000	-
Subtotal	30,000	30,000	-



**LOGISTICS DEPARTMENT**  
**PROPERTY MANAGEMENT SECTION**  
SUB-FUND 12150 - ORG 3365 and M Orgs

Item Description	2018/19 Budget	2019/20 Request	\$ Change 2018/19 Base Budget
<b>Cash Contract Cities - Westminster (Org M700)</b>			
<b>Account 1402 - Building Maintenance/Repair</b>			
Cash Contract Cities - Westminster	30,000	30,000	-
Subtotal	30,000	30,000	-
<b>Cash Contract Cities - Santa Ana (Org M800)</b>			
<b>Account 1402 - Building Maintenance/Repair</b>			
Cash Contract Cities - Santa Ana	100,000	100,000	-
Subtotal	100,000	100,000	-
<b>Cash Contract Cities - Garden Grove (Org M810)</b>			
<b>Account 1402 - Building Maintenance/Repair</b>			
Cash Contract Cities - Garden Grove	-	105,000	105,000
Subtotal	-	105,000	105,000
<b>Total S&amp;S: Property Management</b>	<b>4,817,031</b>	<b>5,406,496</b>	<b>589,465</b>







**ORANGE COUNTY FIRE AUTHORITY**  
**OPERATIONS DEPARTMENT S&S/EQUIPMENT SUMMARY**  
**FY 2019/20 BUDGET**

<b>Divisions/Sections</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>Division 1</b>			
Division 1 - Administration [1],[2]	9,400	16,269	6,869
<b>Total Division 1</b>	9,400	16,269	6,869
<b>Division 2</b>			
Division 2 - Administration [1],[3]	124,709	196,469	71,760
<b>Total Division 2</b>	124,709	196,469	71,760
<b>Division 3</b>			
Division 3 - Administration [1]	16,192	25,743	9,551
<b>Total Division 3</b>	16,192	25,743	9,551
<b>Division 4</b>			
Division 4 - Administration [1]	33,256	40,784	7,528
Community Volunteer Services [4]	27,820	52,820	25,000
<b>Total Division 4</b>	61,076	93,604	32,528
<b>Division 5</b>			
Division 5 - Administration [1]	11,191	15,065	3,874
<b>Total Division 5</b>	11,191	15,065	3,874
<b>Division 6</b>			
Division 6 - Administration [1]	10,000	14,900	4,900
<b>Total Division 6</b>	10,000	14,900	4,900
<b>Division 7</b>			
Division 7 - Administration [1]	11,400	16,854	5,454
<b>Total Division 7</b>	11,400	16,854	5,454
<b>Department Total</b>	<b>253,368</b>	<b>378,904</b>	<b>134,936</b>

[1] Increase due to transfer from Material Mgmt budget to decentralize office supplies.

[2] Increase due to Garden Grove transition allocation effective FY 2019/20.

[3] Increase in Aircraft Rescue Firefighting budget primarily due to increased proximity suit and training costs. These expenditures are reimburseable under the agreement with John Wayne Airport.

[4] One-time cost increases to fund Explorer Program.



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**FY 2019/20 Proposed Budget**

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**OPERATIONS DEPARTMENT*****DIVISION 1*****ORG 0111**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1402 - Maintenance/Repair - Buildings</b>			
Cal-Card	7,000	7,000	-
Garden Grove Transition Allocation	-	3,470	3,470
<b>Subtotal</b>	<b>7,000</b>	<b>10,470</b>	<b>3,470</b>
<b>Account 1801`1810 - Office Expense</b>			
Office Supplies	-	3,399	3,399
<b>Subtotal</b>	<b>-</b>	<b>3,399</b>	<b>3,399</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Miscellaneous Expense	2,400	2,400	-
<b>Subtotal</b>	<b>2,400</b>	<b>2,400</b>	<b>-</b>
<b>Total S&amp;S: Division 1</b>	<b>9,400</b>	<b>16,269</b>	<b>6,869</b>



OPERATIONS DEPARTMENT

***DIVISION 2***

ORG 0112 & 1033

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Division 2 (Admin) (Org 0112)</b>			
Account 1402 - Maintenance/Repair - Buildings			
Cal-Card	11,000	11,000	-
<b>Subtotal</b>	<b>11,000</b>	<b>11,000</b>	<b>-</b>
Account 1801`1809 - Office Expense			
Office Supplies	-	4,161	4,161
<b>Subtotal</b>	<b>-</b>	<b>4,161</b>	<b>4,161</b>
Account 2401`2409 - Special Department Expense			
Miscellaneous Expense	2,435	2,435	-
<b>Subtotal</b>	<b>2,435</b>	<b>2,435</b>	<b>-</b>
<b>S&amp;S: Division 2 (Admin)</b>	<b>13,435</b>	<b>17,596</b>	<b>4,161</b>
<b>Aircraft Rescue Firefighting (ARFF) (Org 1033)</b>			
Account 1001- Clothing and Personal Supplies			
Proximity Suits Repair/Replacement	22,488	40,560	18,072
Hi Visibility Impact Gloves	2,358	2,358	-
<b>Subtotal</b>	<b>24,846</b>	<b>42,918</b>	<b>18,072</b>
Account 1301`1302 - Maintenance/Repair - Equipment			
SCBA Service	1,000	1,000	-
Vehicle Repair	2,000	2,000	-
Crane/Tug Accessories	2,878	750	(2,128)
<b>Subtotal</b>	<b>5,878</b>	<b>3,750</b>	<b>(2,128)</b>
Account 1601 - Memberships			
ARFF Working Group	185	185	-
<b>Subtotal</b>	<b>185</b>	<b>185</b>	<b>-</b>
Account 1801`1810 - Office Expense			
Misc. Office Expense/Subscriptions	650	650	-
<b>Subtotal</b>	<b>650</b>	<b>650</b>	<b>-</b>



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**FY 2019/20 Proposed Budget**

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**OPERATIONS DEPARTMENT*****DIVISION 2*****ORG 0112 & 1033**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Rescue Tools	9,310	310	(9,000)
<b>Subtotal</b>	<b>9,310</b>	<b>310</b>	<b>(9,000)</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Annual FAA Training	54,430	68,580	14,150
Certifications - Crane, ARFF, EVOC-24, etc.	15,975	62,480	46,505
<b>Subtotal</b>	<b>70,405</b>	<b>131,060</b>	<b>60,655</b>
<b>S&amp;S: Aircraft Rescue Firefighting</b>	<b>111,274</b>	<b>178,873</b>	<b>67,599</b>
<b>Total S&amp;S and Equipment: Division 2</b>	<b>124,709</b>	<b>196,469</b>	<b>71,760</b>



**OPERATIONS DEPARTMENT**  
***DIVISION 3***  
**ORG 0113**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
Account 1402 - Maintenance/Repair - Buildings			
Cal Card	14,000	14,000	-
<b>Subtotal</b>	<b>14,000</b>	<b>14,000</b>	<b>-</b>
Account 1801`1810 - Office Expense			
Office Supplies	-	9,551	9,551
<b>Subtotal</b>	<b>-</b>	<b>9,551</b>	<b>9,551</b>
Account 2401`2409 - Special Department Expense			
Miscellaneous Expense	2,192	2,192	-
<b>Subtotal</b>	<b>2,192</b>	<b>2,192</b>	<b>-</b>
<b>Total S&amp;S: Division 3</b>	<b>16,192</b>	<b>25,743</b>	<b>9,551</b>



## FY 2019/20 Proposed Budget

### OPERATIONS DEPARTMENT

#### ***DIVISION 4***

ORG 0114 & 1160

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Division 4 (Admin) (Org 0114)</b>			
Account 1402 - Maintenance /Repair - Buildings			
Cal Card	13,000	13,000	-
<b>Subtotal</b>	<b>13,000</b>	<b>13,000</b>	<b>-</b>
Account 1801`1810 - Office Expense			
Office Supplies	-	7,528	7,528
<b>Subtotal</b>	<b>-</b>	<b>7,528</b>	<b>7,528</b>
Account 2401`2409 - Special Department Expense			
Miscellaneous Expenses	2,192	2,192	-
Chaplain's Stipend	2,593	2,593	-
Chaplain's Program	10,400	10,400	-
Fire Explorer Program	5,071	5,071	-
<b>Subtotal</b>	<b>20,256</b>	<b>20,256</b>	<b>-</b>
<b>S&amp;S: Division 4 (Admin)</b>	<b>33,256</b>	<b>40,784</b>	<b>7,528</b>
<b>Community Volunteer Services (CVS) (Org 1160)</b>			
Account 1001- Clothing and Personal Supplies			
Explorer Program PPE & Uniforms	-	5,000	5,000
<b>Subtotal</b>	<b>-</b>	<b>5,000</b>	<b>5,000</b>
Account 2401`2409 - Special Department Expense			
PERS Volunteer Length of Service Award	14,224	14,224	-
Miscellaneous Expense	13,596	38,596	25,000
<b>Subtotal</b>	<b>27,820</b>	<b>52,820</b>	<b>25,000</b>
<b>S&amp;S: Community Volunteer Services</b>	<b>27,820</b>	<b>52,820</b>	<b>25,000</b>
<b>Total S&amp;S: Division 4</b>	<b>61,076</b>	<b>98,604</b>	<b>37,528</b>



**OPERATIONS DEPARTMENT**  
***DIVISION 5***  
**ORG 0116**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
Account 1402 - Maintenance/Repair - Buildings			
Cal Card	9,000	9,000	-
<b>Subtotal</b>	<b>9,000</b>	<b>9,000</b>	<b>-</b>
Account 1801`1810 - Office Expense			
Office Supplies	-	3,874	3,874
<b>Subtotal</b>	<b>-</b>	<b>3,874</b>	<b>3,874</b>
Account 2401`2409 - Special Department Expense			
Miscellaneous Expense	2,191	2,191	-
<b>Subtotal</b>	<b>2,191</b>	<b>2,191</b>	<b>-</b>
<b>Total S&amp;S: Division 5</b>	<b>11,191</b>	<b>15,065</b>	<b>3,874</b>



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**FY 2019/20 Proposed Budget**

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**OPERATIONS DEPARTMENT*****DIVISION 6*****ORG 0117**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1402 - Maintenance/Repair - Buildings</b>			
Cal Card	10,000	10,000	-
<b>Subtotal</b>	<b>10,000</b>	<b>10,000</b>	<b>-</b>
<b>Account 1801'1810 - Office Expense</b>			
Office Supplies	-	4,900	4,900
<b>Subtotal</b>	<b>-</b>	<b>4,900</b>	<b>4,900</b>
<b>Total S&amp;S: Division 6</b>	<b>10,000</b>	<b>14,900</b>	<b>4,900</b>



**OPERATIONS DEPARTMENT**

***DIVISION 7***

**ORG 0115**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1402 - Maintenance/Repair - Buildings</b>			
Cal Card	7,000	7,000	-
<b>Subtotal</b>	<b>7,000</b>	<b>7,000</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Miscellaneous Expense	2,400	7,854	5,454
<b>Subtotal</b>	<b>2,400</b>	<b>7,854</b>	<b>5,454</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Training and Travel	2,000	2,000	-
<b>Subtotal</b>	<b>2,000</b>	<b>2,000</b>	<b>-</b>
<b>Total S&amp;S: Division 7</b>	<b>11,400</b>	<b>16,854</b>	<b>5,454</b>







ORANGE COUNTY FIRE AUTHORITY

**SPECIAL OPERATIONS DIVISION S&S/EQUIPMENT SUMMARY**

FY 2019/20 BUDGET

Divisions/Sections	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Special Operations Division Admin</b>			
Special Operations Division Admin [1]	41,042	91,042	50,000
<b>Total Special Operations Division Admin</b>	41,042	91,042	50,000
<b>Air &amp; Wildland Operations</b>			
Air Operations [2]	1,518,146	1,545,646	27,500
Wildland Operations Admin [2]	62,000	112,000	50,000
Crews & Equipment [1],[2],[3]	111,803	211,931	100,128
<b>Total Air &amp; Wildland Operations</b>	1,691,949	1,869,577	177,628
<b>Investigations</b>			
Investigations [3]	248,529	249,013	484
<b>Total Investigations</b>	248,529	249,013	484
<b>Urban Search &amp; Rescue</b>			
Urban Search & Rescue	104,107	104,107	-
<b>Total Urban Search &amp; Rescue</b>	104,107	104,107	-
<b>Hazardous Materials Program</b>			
Hazardous Materials Program	130,381	130,381	-
<b>Total Hazardous Materials Program</b>	130,381	130,381	-
<b>Department Total</b>	<b>2,174,966</b>	<b>2,353,078</b>	<b>178,112</b>

[1] One-time cost increases for camera equipment and small tools funded with CalFire augmentation funds.

[2] Includes one-time vehicle rental cost for Irvine seasonal hand crew and ongoing training, equipment rental, and tool cost increases.

[3] Increase due to transfer from Material Mgmt budget to decentralize office supplies.



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**FY 2019/20 Proposed Budget**

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**SPECIAL OPERATIONS DIVISION  
SPECIAL OPERATIONS DIVISION ADMIN  
ORG 0118**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
Account 1001- Clothing and Personal Supplies			
Clothing and Personal Supplies	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
Account 1101 - Food			
Emergency Food	15,042	15,042	-
<b>Subtotal</b>	<b>15,042</b>	<b>15,042</b>	<b>-</b>
Account 1801`1810 - Office Expense			
Misc. Office Expense/Subscriptions	4,000	4,000	-
<b>Subtotal</b>	<b>4,000</b>	<b>4,000</b>	<b>-</b>
Account 2701`2703 - Travel, Training and Meetings			
FIREScope / CICC / IMT Travel and Training	21,000	21,000	-
<b>Subtotal</b>	<b>21,000</b>	<b>21,000</b>	<b>-</b>
<b>Total S&amp;S: Special Operations Division Admin</b>	<b>41,042</b>	<b>41,042</b>	<b>-</b>
<b><u>EQUIPMENT EXPENSE:</u></b>			
Account 4000 Equipment			
CalFire Augmentation Funds: Camera Equipment	-	50,000	50,000
<b>Subtotal</b>	<b>-</b>	<b>50,000</b>	<b>50,000</b>
<b>Total Equipment: Special Operations Division Admin</b>	<b>-</b>	<b>50,000</b>	<b>50,000</b>
<b>Total S&amp;S and Equipment: Special Ops Division Admin</b>	<b>41,042</b>	<b>91,042</b>	<b>50,000</b>



**SPECIAL OPERATIONS DIVISION**  
**AIR & WILDLAND OPERATIONS**  
**ORG 1167, 1191, 4554, 1150 & 1152**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Air Operations (Org 1167)</b>			
<b>Account 1001 - Clothing and Personal Supplies</b>			
Flight Safety Equipment	42,000	42,000	-
<b>Subtotal</b>	<b>42,000</b>	<b>42,000</b>	<b>-</b>
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Miscellaneous Aviation Parts	502,099	502,099	-
Supplemental Maintenance Cost	19,673	19,673	-
Shop Rags/Uniforms (Service)	1,117	1,117	-
Waste Oil & Fuel Disposal	1,000	1,000	-
Parts Cleaner Solvent Tank	1,197	1,197	-
Component Overhaul	35,000	35,000	-
Avionics Repair	10,144	10,144	-
<b>Subtotal</b>	<b>570,230</b>	<b>570,230</b>	<b>-</b>
<b>Account 1402 - Maintenance/Repair - Buildings</b>			
Miscellaneous Maintenance	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
Helicopter Association	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Subscription & Manual	5,042	5,042	-
Office Supplies & Equipment	3,000	3,000	-
<b>Subtotal</b>	<b>8,042</b>	<b>8,042</b>	<b>-</b>
<b>Account 2301`2309 - Small Tools and Instruments</b>			
Specialized Maintenance Tools	3,750	8,250	4,500
Hand Tools & Shop Equipment	1,500	1,500	-
<b>Subtotal</b>	<b>5,250</b>	<b>9,750</b>	<b>4,500</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Fire Retardants	1,500	1,500	-
Safety Management System Template	6,000	6,000	-
Ropes & Rigging, Body Harness	15,000	15,000	-
<b>Subtotal</b>	<b>22,500</b>	<b>22,500</b>	<b>-</b>
<b>Account 2601`2602 - Transportation</b>			
Jet A Fuel	614,123	614,123	-
Jet Fuel Credit Cards	5,000	5,000	-
<b>Subtotal</b>	<b>619,123</b>	<b>619,123</b>	<b>-</b>



## FY 2019/20 Proposed Budget

### SPECIAL OPERATIONS DIVISION **AIR & WILDLAND OPERATIONS** ORG 1167, 1191, 4554, 1150 & 1152

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Interagency Air Attack Workshop	4,000	4,000	-
Travel for Helicopter Training	9,694	9,694	-
Flight Safety Training	111,307	134,307	23,000
<b>Subtotal</b>	<b>125,001</b>	<b>148,001</b>	<b>23,000</b>
<b>S&amp;S: Air Operations</b>	<b>1,394,146</b>	<b>1,421,646</b>	<b>27,500</b>

#### **EQUIPMENT EXPENSE:**

#### **Air Operations (Org 1167)**

<b>Account 4000 Equipment</b>			
Helicopter Components	124,000	124,000	-
<b>Subtotal</b>	<b>124,000</b>	<b>124,000</b>	<b>-</b>
<b>Equipment: Air Operations</b>	<b>124,000</b>	<b>124,000</b>	<b>-</b>
<b>Total S&amp;S and Equipment: Air Operations</b>	<b>1,518,146</b>	<b>1,545,646</b>	<b>27,500</b>

#### **Drone Program (Org 1191)**

<b>Account 2301~2309 Small Tools and Instruments</b>			
Drone Program - Hardware Acquisition	14,000	14,000	-
<b>Subtotal</b>	<b>14,000</b>	<b>14,000</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
Drone Program - Expertise Training	6,000	6,000	-
<b>Subtotal</b>	<b>6,000</b>	<b>6,000</b>	<b>-</b>
<b>S&amp;S: Drone Program</b>	<b>20,000</b>	<b>20,000</b>	<b>-</b>

#### **Wildland Operations Admin (Org 4554)**

<b>Account 1101 - Food</b>			
Food (COAST BBQ )	250	250	-
<b>Subtotal</b>	<b>250</b>	<b>250</b>	<b>-</b>
<b>Account 1301 - Maintenance/Repair - Equipment</b>			
Other Maintenance/Repair - Miscellaneous	16,000	16,000	-
<b>Subtotal</b>	<b>16,000</b>	<b>16,000</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
Memberships	750	750	-
<b>Subtotal</b>	<b>750</b>	<b>750</b>	<b>-</b>



**SPECIAL OPERATIONS DIVISION**  
**AIR & WILDLAND OPERATIONS**  
**ORG 1167, 1191, 4554, 1150 & 1152**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b>Account 1801`1810 - Office Expense</b>			
Misc. Office Supplies	10,000	10,000	-
<b>Subtotal</b>	<b>10,000</b>	<b>10,000</b>	<b>-</b>
<b>Account 1902`1908 - Prof. and Specialized Services</b>			
Misc. Professional and Specialized Services	5,000	5,000	-
<b>Subtotal</b>	<b>5,000</b>	<b>5,000</b>	<b>-</b>
<b>Account 2101 - Rents and Leases - Equipment</b>			
Misc. Rental Expense	-	50,000	50,000
<b>Subtotal</b>	<b>-</b>	<b>50,000</b>	<b>50,000</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Special Department Expense	20,000	20,000	-
Sand	10,000	10,000	-
<b>Subtotal</b>	<b>30,000</b>	<b>30,000</b>	<b>-</b>
<b>Total S&amp;S: Wildland Operations Admin</b>	<b>62,000</b>	<b>112,000</b>	<b>50,000</b>
<b><i>Santiago Crew (Org 1152)</i></b>			
<b>Account 1001 - Clothing and Personal Supplies</b>			
Crew Protective Clothing	10,300	10,300	-
<b>Subtotal</b>	<b>10,300</b>	<b>10,300</b>	<b>-</b>
<b>Account 1101 - Food</b>			
Hydration for Staff	3,000	3,000	-
<b>Subtotal</b>	<b>3,000</b>	<b>3,000</b>	<b>-</b>
<b>Account 1301`1305 - Maintenance/Repair - Equipment</b>			
Other Equipment Maintenance/Repair	10,000	10,000	-
<b>Subtotal</b>	<b>10,000</b>	<b>10,000</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Office Supplies	-	128	128
<b>Subtotal</b>	<b>-</b>	<b>128</b>	<b>128</b>
<b>Account 2101 - Rents and Leases - Equipment</b>			
Misc. Rental Expense	1,000	1,000	-
<b>Subtotal</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>
<b>Account 2301`2309 - Small Tools and Instruments</b>			
Hand Tools	22,000	22,000	-
CalFire Augmentation Funds - Small Tools	-	50,000	50,000
<b>Subtotal</b>	<b>22,000</b>	<b>72,000</b>	<b>50,000</b>



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**FY 2019/20 Proposed Budget**

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**SPECIAL OPERATIONS DIVISION**  
***AIR & WILDLAND OPERATIONS***  
**ORG 1167, 1191, 4554, 1150 & 1152**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Special Department Expense	10,000	10,000	-
<b>Subtotal</b>	<b>10,000</b>	<b>10,000</b>	<b>-</b>
<b>Account 2601`2602 - Special Department Expense</b>			
Crew Carrying Vehicle Rental (one-time)	40,000	90,000	50,000
<b>Subtotal</b>	<b>40,000</b>	<b>90,000</b>	<b>50,000</b>
<b>S&amp;S: Santiago Crew</b>	<b>96,300</b>	<b>196,428</b>	<b>100,128</b>
<b><i>Heavy Fire Equipment (Org 1150)</i></b>			
<b>Account 1301`1305 - Maintenance/Repair - Equipment</b>			
Maintenance - Specialized Equipment	5,000	5,000	-
<b>Subtotal</b>	<b>5,000</b>	<b>5,000</b>	<b>-</b>
<b>Account 2301`2309 - Small Tools and Instruments</b>			
Miscellaneous Small Tools	10,503	10,503	-
<b>Subtotal</b>	<b>10,503</b>	<b>10,503</b>	<b>-</b>
<b>S&amp;S: Heavy Fire Equipment</b>	<b>15,503</b>	<b>15,503</b>	<b>-</b>
<b>Total S&amp;S: Crews and Equipment</b>	<b>111,803</b>	<b>211,931</b>	<b>100,128</b>
<b>Total S&amp;S and Equipment: Air &amp; Wildland Operations</b>	<b>1,711,949</b>	<b>1,889,577</b>	<b>177,628</b>



**SPECIAL OPERATIONS DIVISION**  
**INVESTIGATION SERVICES PROGRAM**  
**ORG 4320**

<b>Item Description</b>	<b>2018/19 Base Budget</b>	<b>2019/20 Request</b>	<b>\$ Change fr 2018/19 Base Budget</b>
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1001`1003 - Clothing and Personal Supplies</b>			
Protection Clothing and Polo Shirts	5,000	5,000	-
<b>Subtotal</b>	<b>5,000</b>	<b>5,000</b>	<b>-</b>
<b>Account 1301`1305 - Maintenance/Repair - Equipment</b>			
Equipment Repair and Calibration	1,000	1,000	-
Investigation Equipment	1,000	1,000	-
<b>Subtotal</b>	<b>2,000</b>	<b>2,000</b>	<b>-</b>
<b>Account 1601 - Memberships</b>			
CA Conf. of Arson Investigators	360	360	-
6 Fire Arson Group, OCFCA	225	225	-
International Assoc. of Arson Investigators	900	900	-
<b>Subtotal</b>	<b>1,485</b>	<b>1,485</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
Misc. Office Supplies	2,250	2,734	484
<b>Subtotal</b>	<b>2,250</b>	<b>2,734</b>	<b>484</b>
<b>Account 1902`1908 - Prof. and Specialized Services</b>			
Sheriff - Range & Ammo Fees	800	800	-
Expert Services	8,194	8,194	-
Irvine Arson Abatement Officer Contract	190,000	190,000	-
Sheriff - CLET Fees	600	600	-
<b>Subtotal</b>	<b>199,594</b>	<b>199,594</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
Small Tools and Equipment	4,200	4,200	-
Books, Legal Updates	2,000	2,000	-
<b>Subtotal</b>	<b>6,200</b>	<b>6,200</b>	<b>-</b>
<b>Account 2701`2703 Travel, Training and Meetings</b>			
Officer Safety	8,000	8,000	-
CCAI Conference	4,000	4,000	-
Specialized Training	20,000	20,000	-
<b>Subtotal</b>	<b>32,000</b>	<b>32,000</b>	<b>-</b>
<b>Total S&amp;S: Investigation Services Program</b>	<b>248,529</b>	<b>249,013</b>	<b>484</b>



## FY 2019/20 Proposed Budget

**SPECIAL OPERATIONS DIVISION**  
**URBAN SEARCH & RESCUE**  
**ORG 1165 & 1171**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Urban Search and Rescue (Org 1165 - Funded by OCFA)</b>			
Account 1001 - Clothing and Personal Supplies			
Safety Clothing	13,500	13,500	-
<b>Subtotal</b>	<b>13,500</b>	<b>13,500</b>	<b>-</b>
Account 1301`1302 - Maintenance/Repair - Equipment			
Calibration-Monitor & Equip	1,200	1,200	-
Miscellaneous Equipment Repairs	5,000	5,000	-
Fabrication Materials/Supply	3,000	3,000	-
<b>Subtotal</b>	<b>9,200</b>	<b>9,200</b>	<b>-</b>
Account 2301`2309 - Small Tools and Instruments			
Small Tool Purchase/Replacement	32,000	32,000	-
<b>Subtotal</b>	<b>32,000</b>	<b>32,000</b>	<b>-</b>
Account 2401`2409 - Special Department Expense			
Miscellaneous Special Department Expense	3,300	3,300	-
<b>Subtotal</b>	<b>3,300</b>	<b>3,300</b>	<b>-</b>
Account 2701`2703 - Travel, Training and Meetings			
US&R Meetings and Training	17,000	17,000	-
<b>Subtotal</b>	<b>17,000</b>	<b>17,000</b>	<b>-</b>
<b>S&amp;S: US&amp;R (Funded by OCFA)</b>	<b>75,000</b>	<b>75,000</b>	<b>-</b>
<b>Swift Water Rescue (Org 1171)</b>			
Account 1001 - Clothing and Personal Supplies			
Replacement	1,500	1,500	-
<b>Subtotal</b>	<b>1,500</b>	<b>1,500</b>	<b>-</b>
Account 2401`2409 - Special Department Expense			
Miscellaneous Special Department Expense	23,607	23,607	-
<b>Subtotal</b>	<b>23,607</b>	<b>23,607</b>	<b>-</b>
Account 2701`2703 - Travel, Training and Meetings			
Transportation & Travel	4,000	4,000	-
<b>Subtotal</b>	<b>4,000</b>	<b>4,000</b>	<b>-</b>
<b>S&amp;S: Swift Water Rescue</b>	<b>29,107</b>	<b>29,107</b>	<b>-</b>
<b>Total S&amp;S: Urban Search &amp; Rescue</b>	<b>104,107</b>	<b>104,107</b>	<b>-</b>



**SPECIAL OPERATIONS DIVISION**  
**HAZARDOUS MATERIALS TEAM**  
**ORG 1170**

Item Description	2018/19 Base Budget	2019/20 Request	\$ Change fr 2018/19 Base Budget
<b><u>SERVICES &amp; SUPPLIES:</u></b>			
<b>Account 1001- Clothing and Personal Supplies</b>			
Safety Supply America Corp	4,058	4,058	-
Safety West	3,044	3,044	-
Biological Protective Equipment/WMD PPE	15,216	15,216	-
HMT Level "A" Suits	12,232	12,232	-
<b>Subtotal</b>	<b>34,550</b>	<b>34,550</b>	<b>-</b>
<b>Account 1301`1302 - Maintenance/Repair - Equipment</b>			
Repair/Maintenance of Haz Mat Equipment	40,213	40,213	-
<b>Subtotal</b>	<b>40,213</b>	<b>40,213</b>	<b>-</b>
<b>Account 1501`1509 - Medical Supplies and Equipment</b>			
Lab Supplies	9,900	9,900	-
<b>Subtotal</b>	<b>9,900</b>	<b>9,900</b>	<b>-</b>
<b>Account 1801`1810 - Office Expense</b>			
TOMES Database Program Subscription	3,080	3,080	-
<b>Subtotal</b>	<b>3,080</b>	<b>3,080</b>	<b>-</b>
<b>Account 2301`2309 - Small Tools and Instruments</b>			
Small Tools & Equipment	1,141	1,141	-
Tetracore Biological Tickets	3,964	3,964	-
<b>Subtotal</b>	<b>5,105</b>	<b>5,105</b>	<b>-</b>
<b>Account 2401`2409 - Special Department Expense</b>			
In-Suit Radios	6,480	6,480	-
<b>Subtotal</b>	<b>6,480</b>	<b>6,480</b>	<b>-</b>
<b>Account 2701`2703 - Travel, Training and Meetings</b>			
HMT Transportation and Travel	6,000	6,000	-
HMT Technician/Specialist Training	23,253	23,253	-
Ontario Training	1,800	1,800	-
<b>Subtotal</b>	<b>31,053</b>	<b>31,053</b>	<b>-</b>
<b>Total S&amp;S: Hazardous Materials Team</b>	<b>130,381</b>	<b>130,381</b>	<b>-</b>







# Capital Improvement Plan Overview

## **Introduction**

The Orange County Fire Authority's Capital Improvement Program (CIP) has been reviewed and updated through FY 2023/24 to coincide with the FY 2019/20 budget. The proposed FY 2019/20 CIP budget is \$29.7 million. Of this budget, about \$12.0M was rebudgeted from FY 2018/19 to FY 2019/20 due to a delay in the commencement schedule for several projects.

The proposed CIP budget for FY 2019/20 reflects a net decrease of about \$3.4 million compared to the prior five-year CIP budget. Projects scheduled for FY 2019/20 include RFOTC training grounds expansion and upgrade (\$2.5M), the replacement of Fire Stations 9 (Mission Viejo) and 10 (Yorba Linda) at \$2.0M each, CPR automatic continuous chest compression devices (\$1.5M), Enterprise phone and public address systems upgrade (\$1.2M), Fire Station 49 apparatus bay floor reconstruction (\$1.0M), Community Risk Reduction (CRR) Automation – Integrated Fire Prevention (IFP) application replacement (\$905K), the purchase of six Type I engines (\$4.0M), one Mobile 911 emergency command center (\$2.0M), one TDA 100' Quint (\$1.4M), one Hazardous Materials vehicle (\$1.0M), and two developer-funded vehicles (\$1.0M).

## **CIP Funds**

The OCFA's five-year CIP is organized into four funds. A description of each fund is located in each section. Major funding sources for the CIP include operating transfers from the General Fund, interest, developer contributions, and contracts with member cities. Lease Purchase Financing Agreements also provide cash flow funding for the CIP. Currently, projects are primarily funded through use of fund balances.



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## **CIP Highlights**

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### **Fund 12110 – General Fund CIP**

**FY 2019/20 Budget Request - \$7.0M includes:**

- \$1.5M for CPR automatic continuous chest compression devices
  - \$1.2M for Enterprise phone and public address systems upgrade
  - \$660K for fire station alarm systems upgrades
  - \$550K for thermal imaging cameras
  - \$430K for RFOTC and fire station data network upgrades
  - \$360K for station bathroom gender compliance
- 

### **Fund 123 – Fire Stations and Facilities**

**FY 2019/20 Budget Request - \$8.9M includes:**

- \$2.5M for RFOTC training grounds expansion and upgrade
  - \$2.0M for replacement of Fire Station 9 (Mission Viejo)
  - \$2.0M for replacement of Fire Station 10 (Yorba Linda)
  - \$1.0M for Fire Station 49 apparatus bay floor reconstruction
- 

### **Fund 124 – Communications & Information Systems**

**FY 2019/20 Budget Request - \$1.9M includes:**

- \$905K for replacement of the CRR – Integrated Fire Prevention application
  - \$500K for OCFA disaster recovery co-location facility
  - \$430K for OCFA Enterprise audio visual upgrades
- 

### **Fund 133 – Fire Apparatus**

**FY 2019/20 Budget Request - \$11.9M includes:**

- Emergency vehicles include six Type I engines (\$4.0M), one TDA 100' Quint (\$1.4M), one hazardous materials vehicle (\$1.0M), one heavy rescue (\$835K), one dozer (\$605K), two crew carrying vehicles (\$625K), one foam tender (\$600K)
  - Developer-funded vehicles of one Type 1 engine (\$775K) and one paramedic squad \$273K)
  - Support vehicles comprising nine vehicles for support staff (\$350K)
-



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## Capital Improvement Program Overview

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**ORANGE COUNTY FIRE AUTHORITY**  
**CAPITAL IMPROVEMENT PROGRAM**  
**FIVE-YEAR PLAN SUMMARY     FY 2019/20 - FY 2023/24**

<b>Fund</b>	<b>FY 2019/20</b>	<b>FY 2020/21</b>	<b>FY 2021/22</b>	<b>FY 2022/23</b>	<b>FY 2023/24</b>	<b>5-Year TOTAL</b>
<i>Fund 12110</i> <b>General Fund CIP</b>	\$6,954,600	\$6,805,100	\$5,959,000	\$2,758,300	\$2,866,300	\$25,343,300
<i>Fund 123</i> <b>Fire Stations and Facilities</b>	8,895,000	18,600,000	9,675,000	8,000,000	-	45,170,000
<i>Fund 124</i> <b>Communications and Information Systems</b>	1,935,117	3,774,898	1,950,000	851,394	600,000	9,111,409
<i>Fund 133</i> <b>Fire Apparatus</b>	11,894,710	9,217,037	7,765,682	6,201,720	8,627,790	43,706,939
<b>GRAND TOTAL</b>	<b>\$29,679,427</b>	<b>\$38,397,035</b>	<b>\$25,349,682</b>	<b>\$17,811,414</b>	<b>\$12,094,090</b>	<b>\$123,331,648</b>



# FY 2019/20 - FY 2023/24 Capital Improvement Plan Budget

## ORANGE COUNTY FIRE AUTHORITY CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN PROJECT LISTING

Item No.	Project Priority	Project	Internal Use Only - Adj'd FY 2018/19*
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### GENERAL FUND CIP - FUND 12110

#### IT-Communications and IT Infrastructure

1	A	Data Storage and Servers	96,000
2	A	Fire Station Alarm System Upgrades	354,761
3	A	RFOTC and Fire Station Data Network Upgrades	440,000
4	A	Enterprise Phone and Public Address Systems Upgrade	-
5	B	RFOTC Uninterruptible Power System (UPS) Replacement	100,000

#### IT-Communications and Workplace Support

6	A	800 MHz Radios	405,000
7	A	900 MHz Pagers/Small Equipment/Personal Communications	16,600
8	A	Personal Computer (PC)/Tablets/Printer Replacements	276,709
9	A	Mobile Data Computer (MDC) System	204,844
10	A	VHF Radios	197,680

#### IT-Geographic Information System

11	B	Digital Orthophotography	80,000
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#### Property Management

12	A	Station Bathroom Gender Accommodation	60,000
13	A	FS#26 Kitchen, Flooring and Bathroom Remodel	20,000
14	A	FS#53 Dormitory Privacy	20,000
15	A	FS#41 Dormitory Privacy Training Room, Kitchen	50,000
16	A	FS#51 Painting and Leak Repair	-
17	A	FS#44 Bathroom Modification	-
18	CY	FS#13 Bathroom Modification	250,000
19	CY	FS#6 Kitchen Remodel	200,000
20	CY	FS#41 Tarmac Repairs	150,000

#### Materiel Management (Service Center)

21	A	High Pressure Airbags	-
22	A	Thermal Imaging Cameras	550,000
23	A	SCBA (645 Airpacks)	-
24	A	Fire Shelters	-
25	A	Portable Fire Pumps	-

#### Emergency Command Center

26	CY	Weather/Fire EOC Upgrade	93,000
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#### Emergency Medical Services

27	A	CPR Automatic Continuous Chest Compression Devices	
28	CY	Cardiac Monitors and AED	126,000

#### Special Operations

29	A	Area RAE Hazmat Rapid Deployment Kits (RDK)	-
30	A	Gas Monitors	-
31	A	Hazmat Air Monitors	-
32	A	Carbon Monoxide Air Monitors	-
33	A	Helicopter Planned Inspection and Maintenance	-
34	CY	Weather/Fire Monitoring Equipment Remote Cameras	16,883
		<b>Total - Fund 12110</b>	<b>3,707,477</b>



## Capital Improvement Program Overview

Item No.	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	5-Year TOTAL
1	125,000	96,000	96,000	96,000	96,000	509,000
2	660,000	660,000	660,000	660,000	660,000	3,300,000
3	430,000	160,000	160,000	160,000	160,000	1,070,000
4	1,200,000	1,300,000	-	-	-	2,500,000
5	100,000	400,000	100,000	60,000	-	660,000
6	183,500	177,500	143,000	111,500	111,500	727,000
7	41,600	41,600	41,600	41,600	41,600	208,000
8	250,000	650,000	250,000	250,000	250,000	1,650,000
9	214,500	420,000	420,000	120,000	120,000	1,294,500
10	52,800	40,000	38,400	27,200	27,200	185,600
11	-	80,000	-	80,000	-	160,000
12	360,000	180,000	600,000	600,000	800,000	2,540,000
13	240,000	-	-	-	-	240,000
14	130,000	-	-	-	-	130,000
15	350,000	-	-	-	-	350,000
16	150,000	-	-	-	-	150,000
17	-	-	-	-	150,000	150,000
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-
21	170,000	-	-	-	-	170,000
22	550,000	-	-	-	-	550,000
23	-	2,500,000	2,000,000	-	-	4,500,000
24	100,000	100,000	100,000	140,000	-	440,000
25	-	-	-	12,000	-	12,000
26	-	-	-	-	-	-
27	1,500,000	-	-	-	-	1,500,000
28	-	-	-	-	-	-
29	122,200	-	-	-	-	122,200
30	25,000	-	-	-	-	25,000
31	-	-	150,000	-	-	150,000
32	-	-	-	-	50,000	50,000
33	-	-	1,200,000	400,000	400,000	2,000,000
34	-	-	-	-	-	-
	<b>6,954,600</b>	<b>6,805,100</b>	<b>5,959,000</b>	<b>2,758,300</b>	<b>2,866,300</b>	<b>25,343,300</b>



# FY 2019/20 - FY 2023/24 Capital Improvement Plan Budget

## ORANGE COUNTY FIRE AUTHORITY CAPITAL IMPROVEMENT PROGRAM FIVE-YEAR PLAN PROJECT LISTING

Item No.	Project Priority	Project	Internal Use Only - Adj'd FY 2018/19*
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### **FIRE STATIONS & FACILITIES - FUND 123**

1	A	Replacement of Fire Station 9 (Mission Viejo)	50,000
2	A	Replacement of Fire Station 10 (Yorba Linda)	-
3	A	RFOTC Training Grounds Expansion and Upgrade	300,000
4	A	Fire Station 49 Apparatus Bay Floor Reconstruction	100,000
5	A	Infrastructure Security Enhancements	120,243
6	A	Construction of New Fire Station 12 (Laguna Woods)	
7	A	Retrofit Existing Station Fire Life Safety Systems	-
8	B	RFOTC 2nd Emergency Generator	-
9	A	Construction of New Fire Station 52 (Irvine Business District)	-
10	CY	Fire Station 67 (Rancho Mission Viejo)	Dev-Build
11	CY	US&R Warehouse/Training Center Improvements	399,354
12	CY	123 CalFire Station 18 (Carport)	100,000
13	CY	RFOTC Emergency Power Circuit Ext	18,113
14	CY	Site Stabilization Fire Station 42 (Lake Forest)	985,852
		<b>Total - Fund 123</b>	<b>2,073,562</b>

### **COMMUNICATIONS & INFORMATION SYSTEMS - FUND 124**

#### *IT-Communications and IT Infrastructure*

1	B	OCFA Enterprise Audio Visual Upgrades	250,000
2	B	OCFA Disaster Recovery Co-Location Facility	500,000
3	CY	800 MHz Countywide Coordinated Comm. Sys. Upgrade	3,630,325
4	CY	RFOTC Data Center Fire Suppression System Upgrade	1,000,000

#### *IT-Systems Development & Support*

5	A	Community Risk Reduction Automation - IFP Replacement	20,000
6	B	TheHIVE Cloud Upgrade	-
7	B	Fleet Services Fuel Management Tracking System	-
8	CY	Incident Reporting Application Replacement	1,241,262
9	CY	Next Generation CAD2CAD	24,703
		<b>Total - Fund 124</b>	<b>6,666,290</b>

### **FIRE APPARATUS - FUND 133**

1	A/B	Emergency Vehicles	7,618,664
2	A	Developer Funded Vehicles	-
3	A/B	Support Vehicles	1,545,128
4	CY	Outfitting of vehicles	672,000
5	CY	Lease Purchase Financing: Principal & Interest	1,265,862
		<b>Total - Fund 133</b>	<b>11,101,654</b>

		<b>GRAND TOTAL - ALL CIP FUNDS</b>	<b>\$23,548,983</b>
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Project Priority: A=Essential; B=Important; C=Could Defer; CY=Current Year's project

\* Adjusted FY 2018/19 budget includes mid-year budget adjustments



## Capital Improvement Program Overview

Item No.	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	5-Year TOTAL
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1	2,000,000	7,500,000	-	-	-	9,500,000
2	2,000,000	7,500,000	-	-	-	9,500,000
3	2,525,000	1,100,000	2,675,000	-	-	6,300,000
4	1,000,000	-	-	-	-	1,000,000
5	600,000	500,000	-	-	-	1,100,000
6	500,000	2,000,000	6,500,000	-	-	9,000,000
7	270,000	-	-	-	-	270,000
8	-	-	500,000	-	-	500,000
9	-	-	-	8,000,000	-	8,000,000
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
	<b>8,895,000</b>	<b>18,600,000</b>	<b>9,675,000</b>	<b>8,000,000</b>	<b>-</b>	<b>45,170,000</b>

1	430,000	1,000,000	450,000	-	450,000	2,330,000
2	500,000	-	1,000,000	-	-	1,500,000
3	-	-	-	-	-	-
4	-	-	-	-	-	-

5	905,117	2,274,898	-	-	-	3,180,015
6	100,000	500,000	500,000	250,000	150,000	1,500,000
7	-	-	-	601,394	-	601,394
8	-	-	-	-	-	-
9	-	-	-	-	-	-
	<b>1,935,117</b>	<b>3,774,898</b>	<b>1,950,000</b>	<b>851,394</b>	<b>600,000</b>	<b>9,111,409</b>

1	10,495,855	6,257,684	6,705,936	6,081,243	8,325,046	37,865,764
2	1,048,573	2,626,729	822,770	-	-	4,498,072
3	350,282	332,624	236,976	120,477	302,744	1,343,103
4	-	-	-	-	-	-
5	-	-	-	-	-	-
	<b>11,894,710</b>	<b>9,217,037</b>	<b>7,765,682</b>	<b>6,201,720</b>	<b>8,627,790</b>	<b>43,706,939</b>

	<b>\$29,679,427</b>	<b>\$38,397,035</b>	<b>\$25,349,682</b>	<b>\$17,811,414</b>	<b>\$12,094,090</b>	<b>\$123,331,648</b>
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**Orange County Fire Authority  
Fire Stations by Member Agency**

**City of Aliso Viejo**

Station 57, 57 Journey, 92656

**City of Buena Park**

Station 61, 7440 La Palma Ave, 90620

Station 62, 7780 Artesia Blvd, 90621

Station 63, 9120 Holder St, 90620

**City of Cypress**

Station 17, 4991 Cerritos Ave, 90630

**City of Dana Point**

Station 29, 26111 Victoria Blvd, 92624

Station 30, 23831 Stonehill Dr, 92629

**City of Garden Grove, effective 8/16/19**

Station 80, 14162 Forsyth Ln, 92844

Station 81, 11301 Acacia Pkwy, 92840

Station 82, 11805 Gilbert St, 92841

Station 83, 12132 Trask Ave, 92843

Station 84, 12191 Valley View St, 92845

Station 85, 12751 Western Ave, 92841

Station 86, 12232 West St, 92840

**City of Irvine**

Station 4, 2 California Ave, 92612

Station 6, 3180 Barranca Pkwy, 92606

Station 20, 7050 Corsair, 92618

Station 26, 4691 Walnut Ave, 92604

Station 27, 12400 Portola Springs, 92618

Station 28, 17862 Gillette Ave, 92614

Station 36, 301 E. Yale Loop, 92604

Station 38, 26 Parker, 92618

Station 47, 47 Fossil, 92603

Station 51, 18 Cushing, 92618

Station 55, 4955 Portola Pkwy, 92620

**Cities of Laguna Hills and Laguna Woods**

Station 22, 24001 Paseo de Valencia, 92637

**City of Laguna Niguel**

Station 5, 23600 Pacific Island Dr, 92677

Station 39, 24241 Avila Rd, 92677

Station 49, 31461 St. of the Golden Lantern, 92677

**City of Lake Forest**

Station 19, 23022 El Toro Rd, 92630

Station 42, 19150 Ridgeline Rd, 92679

Station 54, 19811 Pauling Ave, 92610

**City of La Palma**

Station 13, 7822 Walker St, 90623

**City of Los Alamitos**

Station 2, 3642 Green Ave, 90720

**City of Mission Viejo**

Station 9, #9 Shops Blvd, 92691

Station 24, 25862 Marguerite Pkwy, 92692

Station 31, 22426 Olympiad Rd, 92692

**City of Placentia**

Station 34, 1530 N. Valencia, 92870

Station 35, 110 S. Bradford, 92870

**City of Rancho Santa Margarita**

Station 45, 30131 Aventura, 92688

**City of San Clemente**

Station 50, 670 Camino de los Mares, 92673

Station 59, 48 Avenida La Pata, 92673

Station 60, 121 Avenida Victoria, 92672

**City of San Juan Capistrano**

Station 7, 31865 Del Obispo, 92675

**City of Santa Ana**

Station 70, 2301 N. Old Grand St, 92705

Station 71, 1029 W. 17th St, 92706

Station 72, 1688 E. 4th St, 92701

Station 73, 419 Franklin St, 92703

Station 74 (Admin), 1439 S. Broadway St, 92707

Station 74, 1427 S. Broadway St, 92707

Station 75, 120 W. Walnut St, 92701

Station 76, 950 W. MacArthur Ave, 92707

Station 77, 2317 S. Greenville St, 92704

Station 78, 501 N. Newhope St, 92703

Station 79, 1320 E. Warner Ave, 92705

**City of Seal Beach**

Station 44, 718 Central Ave, 90740

Station 48, 3131 N. Gate Rd, 90740

**City of Stanton**

Station 46, 7871 Pacific St, 90680

**City of Tustin**

Station 37, 15011 Kensington Park Dr, 92780

Station 43, 11490 Pioneer Way, 92782



**Orange County Fire Authority  
Fire Stations by Member Agency**

**City of Villa Park**

Station 23, 5020 Santiago Canyon Rd, 92860

**City of Westminster**

Station 64, 7351 Westminster Blvd, 92683

Station 65, 6061 Hefley St, 92683

Station 66, 15061 Moran St, 92683

**City of Yorba Linda**

Station 10, 18422 E. Lemon Dr, 92886

Station 32, 20990 Yorba Linda Blvd, 92887

Station 53, 25415 La Palma Ave, 92887

**County of Orange, Unincorporated**

Station 8, 10631 Skyline Dr, Santa Ana, 92705

Station 11, 259 Emerald Bay, Laguna Beach, 92651

Station 14, 29402 Silverado Canyon , PO Box 12, Silverado, 92676

Station 15, 27172 Silverado Canyon Rd, Silverado, 92676

Station 16, 28891 Modjeska Canyon Rd, Silverado, 92676

Station 18, 30942 Trabuco Canyon Rd, PO Box 618, Trabuco Canyon, 92679

Station 21, 1241 Irvine Blvd, Tustin, 92780

Station 25, 8171 Bolsa Ave, Midway City, 92655

Station 33, 374 Paularino, Costa Mesa, 92626

Station 40, 25082 Vista del Verde, Cota de Caza 92679

Station 58, 58 Station Way, Ladera Ranch 92694

**Specialty Stations**

Helicopter Operations - Station 41, 3900 West Artesia Ave, Fullerton, 92833

Crews & Equipment – Camp 18, 30942 Trabuco Canyon Rd, PO Box 618, Trabuco Canyon, 92679

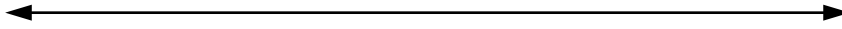






# Fund 12110

## General Fund - CIP



This fund is a sub-fund of the General Fund used to account for financial activity associated with maintenance and improvement projects that while considered “capital in nature”, do not meet the criteria to be included in a Capital Project Fund. This fund’s primary sources of revenue are operating transfers from the General Fund.







## **DATA STORAGE AND SERVERS**

**Project Priority:** A

**Project Org:** P339

**Project Type:** Equipment Replacement

**Project Management:** IT – Communications & IT Infrastructure

**Project Description:** This item is an annual, ongoing project to upgrade and/or replace outdated computer servers and expand the existing storage area network (SAN) to accommodate the ongoing move towards virtualized server-based centralized storage, and backup of critical department information. The OCFA currently has 170+ servers that support all of the business systems including: Exchange (E-mail), Fire Incident Reporting and Investigations Management Systems, Integrated Fire Prevention (IFP), Computer Aided Dispatch (CAD), Automatic Vehicle Location (AVL), Intranet, GIS, SharePoint, etc. The useful life of servers, SAN's, and other related hardware can range from three to five years.



**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$125,000	\$96,000	\$96,000	\$96,000	\$96,000	\$509,000

**Impact on Operating Budget:** The replacement of servers may help control maintenance costs in the operating budget and improve application performance.



## **FIRE STATION ALARM SYSTEM UPGRADES**

**Project Priority:** A

**Project Org:** P334

**Project Type:** Equipment Replacement

**Project Management:** IT – Communications & IT Infrastructure

**Project Description:** Acquisition and installation of new fire station alarm systems are necessary as the equipment becomes old, outdated, and parts are no longer available. The expected life of the fire station alarm systems is about fifteen years.

### **Fire Station Alerting/Sound Systems**

In 2013, Westnet Inc. was chosen thru the RFP process to upgrade and install new fire station alerting technology in all OCFA fire stations to integrate the new TriTech CAD system with the existing legacy fire station alerting systems. This project was completed in September 2014 in time for the go-live of the new TriTech CAD system.



During the FY 2013/14 integration project, a thorough evaluation of existing fire station alerting systems was completed. All OCFA fire stations were using outdated electro-mechanical relays and amplifiers that need to be upgraded with the full Westnet “Smart Station” alerting system. The cost per station upgrade varies significantly depending on the size of the fire station, number of crew, and apparatus that are deployed. The average price for the last 6 – fire station Westnet “Smart Station” upgrades was \$110,000 each. The “Smart Station” will also be installed when new Fire Stations are constructed. Staff plans to upgrade six fire stations per year.



**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$660,000	\$660,000	\$660,000	\$660,000	\$660,000	\$3,300,000

**Impact on Operating Budget:** The replacement of old equipment may help control maintenance costs included in the operating budget.



## **RFOTC AND FIRE STATION DATA NETWORK UPGRADES**

**Project Priority:** A

**Project Org:** P337

**Project Type:** Equipment Replacement/New Technology

**Project Management:** IT – Communications & IT Infrastructure

**Project Description:** This project replaces core network infrastructure components installed at the RFOTC and OCFA fire stations. It is a multi-year project and continues recent upgrades to the IDF's (Intermediate Distribution Facility – more commonly known as data/phone connection closets) located across the campus at the RFOTC, and other core network equipment installed in 2004. Also being upgraded are the core data center routers and firewalls and the fiber-optic network backbone.



Next steps include upgrading the wireless network infrastructure at the RFOTC and all OCFA fire stations to extend the coverage of the OCFA's wireless computer network.

**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>	\$430,000	\$160,000	\$160,000	\$160,000	\$160,000	\$1,070,000

**Impact on Operating Budget:** Replacement of the hardware may help control maintenance costs included in the operating budget.



## **ENTERPRISE PHONE AND PUBLIC ADDRESS SYSTEMS UPGRADE**

**Project Priority:** A

**Project Org:** P408

**Project Type:** New Equipment

**Project Management:** IT – Communications & IT Infrastructure

**Project Description:**

**OCFA RFOTC phones**

The OCFA's Regional Fire Operations and Training Center (RFOTC) administrative telephone system was placed in service in 2004. The system continues to function but repair parts are becoming difficult to obtain and it is reaching the end of its service life and must be replaced. Various key components were upgraded in FY 2015/16 to extend the life of the system a few more years. A state

of the art Voice over Internet Protocol (VoIP) phone system will be installed in FY 2019/20 and will integrate with the new VoIP systems to be installed afterwards in OCFA fire stations.



**OCFA Fire Station phones**

The current OCFA fire station phone systems vary widely in age and will also be replaced with VoIP phone systems. The new VoIP phone systems will begin installation in FY 2019/20 and complete in FY 2020/21. They will be fully integrated with the RFOTC's VoIP phone system yet retain the capability to operate independently if the data connection to the RFOTC fails.

This project will also add public address functionality that will utilize the new VoIP phone systems installed at the RFOTC and the fire stations. The system will be capable of addressing all fire stations and RFOTC offices and conference rooms from any installed VoIP phone external speaker.

OCFA will utilize 3<sup>rd</sup> party professional services to assist in the installation of the new phone systems.

**Project Status:** The fire station public address / paging equipment will be purchased and installed in FYs 2019/20 and 2020/21.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$1,200,000	\$1,300,000				\$2,500,000

**Impact on Operating Budget:** Ongoing annual maintenance costs are included in the General Fund.



## **RFOTC UNINTERRUPTIBLE POWER SYSTEM (UPS) REPLACEMENT**

**Project Priority:** B

**Project Org:** P409

**Project Type:** Equipment Replacement/New Technology

**Project Management:** IT – Communications & IT Infrastructure

**Project Description:** This item is to replace and upgrade the RFOTC data center Uninterruptible Power System (UPS) installed in the RFOTC data center, and the smaller UPS equipment installed in all fire stations, and other locations including network closets at the RFOTC to protect critical equipment.

The current RFOTC data center Uninterruptible Power System (UPS) was installed during the construction of the RFOTC facilities. The system is critical for managing the incoming power from the city as well as from the emergency power generator to ensure a smooth, constant power source for the critical data center computer systems that house the 9-1-1 safety systems, business systems, payroll, email, radios communications, and other very important systems that house OCFA data. In the case of a power outage, the UPS will power the entire data center until the emergency power generator starts up and is online. In the case of a failure of the emergency power generator, the current UPS can power the data center for less than an hour before its battery reserves are exhausted.



The budgetary amount is a preliminary estimate and may need revision as requirements are developed.

**Project Status:** This primary UPS is expected to be replaced in FY 2020/21, but additional funds are budgeted each year to upgrade fire station UPS equipment and other important locations (network closets at RFOTC).

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$100,000	\$400,000	\$100,000	\$60,000		\$660,000

**Impact on Operating Budget:** Annual maintenance estimated at \$10,000 with 5% annual increases.



## **800 MHZ RADIOS**

**Project Priority:** A

**Project Org:** P332

**Project Type:** Equipment Replacement

**Project Management:** IT – Communications & Workplace Support

**Project Description:** This purchase is for new 800MHz mobile radios to be installed in new apparatus, and additional portable radios for use in training, academies, and supplying equipment caches. Mobile radio purchases coincide with the vehicle replacement plan. Current pricing per mobile radio averages \$4,500 and adding dual head radios for command vehicles increases costs to approximately \$5,000. Portable 800MHz radios cost approximately \$6,000 each.

All radios purchased are P25 ready and are 100% compatible with the 800MHz CCCS that currently is underway and projected to go online in summer 2019.



**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$183,500	\$177,500	\$143,000	\$111,500	\$111,500	\$727,000

**Impact on Operating Budget:** Ongoing replacement of radios will help control maintenance costs in the operating budget.



## **900MHZ PAGERS / SMALL EQUIPMENT / PERSONAL COMMUNICATIONS**

**Project Priority:** A

**Project Org:** P330

**Project Type:** Equipment Replacement

**Project Management:** IT – Communications & Workplace Support

**Project Description:** The OCFA utilizes about 1,375 pagers, vehicle intercom headsets, portable radio lapel microphones, and several other related small equipment items. Replacement is required approximately every three to five years because of wear and exposure factors. The components in pagers break down over time and lose critical sensitivity capability needed for optimal performance. The OCFA reserve firefighter personnel use pagers as their primary alerting system for emergency incidents. Their responsibilities require that the pager be reliable 24 hours a day. The budget allows for the annual purchase of replacement equipment at a cost of about \$130 each.



Staff is actively reviewing other technologies to replace the OCFA's pagers which despite the "legacy" nature of the technology, are still an effective means of notification for OCFA Operations personnel.



**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$41,600	\$41,600	\$41,600	\$41,600	\$41,600	\$208,000

**Impact on Operating Budget:** The timely replacement of 900 MHz pagers, intercom headsets, lapel microphones, and other small equipment may result in fewer maintenance expenditures in the operating budget.



## **PERSONAL COMPUTER (PC)/TABLETS/PRINTER REPLACEMENTS**

**Project Priority:** A

**Project Org:** P331

**Project Type:** Equipment Replacement

**Project Management:** IT – Communications & Workplace Support

**Project Description:** The PC replacement budget is based on \$1,500 per unit, which includes adequate funding to replace associated printers and peripherals at the same time, as well as purchasing ruggedized iPad tablets. It also includes replacement of department-authorized, mission-critical computers and tablets on an as-needed basis. The replacement cycle is every three to four years for iPad tablets and up to six years for desktop PCs.

Additional funding has been added in FY 2020/21 to replace all of the OCMEDS electronic prehospital care reporting (ePCR) ruggedized iPad tablets that were deployed in 2016 and 2017.



**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$250,000	\$650,000	\$250,000	\$250,000	\$250,000	\$1,650,000

**Impact on Operating Budget:** Deferral of PC and tablet replacements beyond four years will increase repair and maintenance costs.



## **MOBILE DATA COMPUTER (MDC) SYSTEM**

**Project Priority:** A

**Project Org:** P303

**Project Type:** Equipment Replacement

**Project Management:** IT – Communications & Workplace Support

**Project Description:** The mobile data computers (MDC) provide emergency incident information such as address, patient status, premise information, etc. from the computer aided dispatch (CAD) system to Operations personnel in OCFA emergency apparatus.

The current modular “legacy” MDCs (separate CPU, keyboard, and monitor) were installed seven years ago and the manufacturer has ceased further production. The computer environment in OCFA’s emergency apparatus is also changing as multipurpose, computer tablets capable of running numerous computer applications (apps) are increasingly used. The OCFA’s CAD vendor is developing app type software tools to supplement the current Windows CAD/Mobile program, but has not released plans yet to replace the current CAD/Mobile with a tablet-based app. Therefore, after evaluating other MDC platforms including ruggedized laptops and tablets to replace the current “legacy” MDCs, staff have selected a new ruggedized Windows tablet MDC. It is detachable in anticipation of a future need to use the MDC outside the emergency apparatus.



Staff recommends only purchasing the new Windows tablet-type MDCs for new vehicles, or to replace failing “legacy” MDCs for another year and delaying overall replacement of the “legacy” MDCs until FY 2020/21 as the environment is changing so rapidly. Staff has provided additional iPads for use inside OCFA emergency apparatus that are capable of running multiple public safety apps to supplement the information available on the “legacy” MDCs.

The cost of the ruggedized Windows tablets with associated mounting accessories is approximately \$6,000 per unit.

**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$214,500	\$420,000	\$420,000	\$120,000	\$120,000	\$1,294,500

**Impact on Operating Budget:** Replacing the existing MDCs with ruggedized computer tablets will result in lower capital expense to purchase new MDCs as well as lower ongoing maintenance costs.



## **VHF RADIOS**

**Project Priority:** A

**Project Org:** P333

**Project Type:** Equipment Replacement

**Project Management:** IT – Communications & Workplace Support

**Project Description:** This project is for the purchase and replacement of VHF mobile and portable radios. These radios are used for state and mutual aid communications with agencies that are not part of the County 800 MHz radio system and are installed in all OCFA emergency apparatus. Use of VHF radios ensures communication and enhances the safety of firefighters on automatic and mutual aid responses with the California Department of Forestry, Fire Protection (CAL FIRE), and the United States Forest Service (USFS) in state and federal responsibility areas, as well as contracts with agencies outside Orange County. These radios have a useful life of nine years. Budgeted replacement costs are based on the useful life of the existing radio inventory, and are tied to the new vehicle replacement schedule. Average price per mobile radios is \$1,600.



**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$52,800	\$40,000	\$38,400	\$27,200	\$27,200	\$185,600

**Impact on Operating Budget:** The replacement of radios helps control maintenance costs included in the operating budget.



## **DIGITAL ORTHOPHOTOGRAPHY**

**Project Priority:** B

**Project Org:** P341

**Project Type:** Equipment Replacement

**Project Management:** IT – GIS

**Project Description:** Digital Orthophotography provides an accurate record of all physical data that exists in the County and area of service at a given point in time. It is important to the OCFA as a management tool for the effective and efficient operation of a number of business needs and for spatial data capture and verification. Some of the OCFA business needs supported by digital orthophotography include:

- Special Area Maps and preplans to guide first responders into difficult areas such as apartment complexes and shopping centers.
- Provide dispatchers a visual record to facilitate response assignments.
- Establish a default map viewing context for the Automatic Vehicle Location System (AVL).
- Facilitate vehicle routing to target locations.
- Assist in reconstructing and investigating crimes.
- More effectively manage urban and wildland interfaces.
- Quality control addresses for run maps.
- Verify pre-existing or non-conforming conditions for inspections.
- Include aerial imagery of new developments.



**Project Status:** The next GIS digital orthophotography will be purchased in FY 2020/21 and proceed every other year due to the increased development occurring in the County.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:		\$80,000		\$80,000		\$160,000

**Impact on Operating Budget:** No impact.



**STATION BATHROOM GENDER ACCOMMODATION****Project Priority:** A**Project Org:** P413**Project Type:** Facilities/Site Repair**Project Management:** Property Management

**Project Description:** This project would upgrade approximately 3 SFF fire stations over the next two years and plan for 10 City owned stations to accommodate gender needs. The impacted stations are: Fire Stations 14, 16, and 32. City owned stations: 35, 44, 70, 72, 73, 78, 82, 83, 84, 85. City owned stations are scheduled beginning FY 2021/22 pending funding agreements between the Authority and City.

**Project Status:** Project is scheduled to begin in FY 2019/20 for Fire Stations 14, 16. The upgrade is anticipated to begin in FY 2020/21 for Fire Station 32. City owned stations are dependent on funding availability and scheduling. City owned station costs are estimated at approximately \$200,000 per station, however cost estimates will be refined for each individual station when funding agreements are entered into.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$360,000	\$180,000	\$600,000	\$600,000	\$800,000	\$2,540,000

**Impact on Operating Budget:** No further operating budget impacts are anticipated for these modifications after the completion of this project.



**FIRE STATION 26 KITCHEN, FLOORING AND BATHROOM REMODEL****Project Priority:** A**Project Org:** P414**Project Type:** Station Improvement**Project Management:** Property Management

**Project Description:** This project will remodel the kitchen including new cabinets, countertops, appliances, lighting and flooring area in the station. Also included in the scope is remodeling of the crew bathrooms.

**Project Status:** Project commenced in FY 2018/19. Remodel work is anticipated to begin in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$240,000					\$240,000

**Impact on Operating Budget:** No anticipated impact.



**FIRE STATION 53 DORMITORY PRIVACY****Project Priority:** A**Project Org:** P416**Project Type:** Construction of Partitions in Sleeping Area**Project Management:** Property Management

**Project Description:** This project will remove existing temporary curtain partitions, lockers and furniture and replace with a more rigid permanent structure to provide better privacy in the sleeping quarters. The project will require construction of walls, doors, flooring, HVAC, electrical, lockers and additional furniture. This project will allow for more privacy in the sleeping quarters and will better accommodate the crews.

**Project Status:** Project commenced in FY 2018/19. Construction is anticipated to begin in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$130,000					\$130,000

**Impact on Operating Budget:** No anticipated impact.



**FIRE STATION 41 DORMITORY PRIVACY, TRAINING ROOM,  
KITCHEN****Project Priority:** A**Project Org:** P417**Project Type:** Facilities/Site Repair**Project Management:** Property Management

**Project Description:** Since the air operations program went to a 24/7 operation, there is a need for adequate areas to sleep the crews. This project would address the 24/7 operation in addition to another day shift crew and upstaffing when necessary. The project involved significant design, engineering and construction to accommodate the operation.

**Project Status:** Needs assessment is being evaluated and in process of getting an architect on board for design work and plan check through the City of Fullerton.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>	\$350,000					\$350,000

**Impact on Operating Budget:** No anticipated impact.



**FIRE STATION 51 PAINTING AND LEAK REPAIRS****Project Priority:** A**Project Org:** TBD**Project Type:** Facilities/Site Repair**Project Management:** Property Management

**Project Description:** Due to the nature of the style of building being a concrete tilt-up construction, it is common for water leakage to occur through the concrete walls. The repair involves an elastomer coating and painting of the entire structure both internal and external to seal the structure preventing water penetrations.

**Project Status:** Project is scheduled to begin in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$150,000					\$150,000

**Impact on Operating Budget:** No anticipated impact.



**FIRE STATION 44 BATHROOM REMODEL****Project Priority:** A**Project Org:** P419**Project Type:** Remodel Bathroom**Project Management:** Property Management

**Project Description:** This project will remodel and provide an additional shower facility to accommodate the transition from a three-person crew to a four-person crew. There is currently two stalls and one shower. There will be significant structural modifications required to provide the additional shower facility and may trigger ADA requirements for other parts of the station.

**Project Status:** Project is anticipated to commence pending City agreement.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:					\$150,000	\$150,000

**Impact on Operating Budget:** No anticipated impact.



## **HIGH-PRESSURE AIRBAGS**

**Project Priority:** A

**Project Org:** P410

**Project Type:** Service Enhancement/Replacement

**Project Management:** Operations

**Project Description:** The Operations Department projects a need to replace the aging high-pressure airbags based on current need. Priority is placed on truck companies. A small amount of additional airbags are also needed for engines stationed in remote locations with a high probability of traffic collisions, such as Ortega Highway.

The airbags needed are made in different sizes. Each size has different overall dimensions. This allows flexibility in their use. Larger airbags are ideal for lifting vehicles and heavy equipment. Smaller airbags are needed for more detailed rescue operations. As such, each OCFA truck will be receiving a set of six airbags, differing in size.

The purchase was originally scheduled to begin in FY 2018/19, but due to the extensive research required to ensure that the selection meets OCFA needs in the face of improved technology, staff recommended that the item be pushed out to FY 2019/20.

**Project Status:** Project scheduled to begin in FY 2019/20.



<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$170,000					\$170,000

**Impact on Operating Budget:** Potential cost with equipment failure after one year warranty expiration.



## **THERMAL IMAGING CAMERAS**

**Project Priority:** A

**Project Org:** P411

**Project Type:** Service Enhancement/Replacement

**Project Management:** Operations

**Project Description:** The majority of OCFA's current supply of thermal imaging cameras were purchased in 2007. There have been several technological improvements over that time period. The Operations Department projects a need to replace all of OCFA's thermal imaging cameras:

Thermal Imaging Camera (\$8,400 each with tax)

Battery (\$240 each with tax)

Battery Charger (\$1,000 each with tax)

The purchase of the requested thermal imaging cameras is based on current need and has a planned roll-out date for the FY 2019/20 budget year. Purchase of each camera is accompanied by a battery charge as well as several back-up batteries. Priority for replacement will be as follows:



1. Oldest units
2. Units whose batteries no longer hold an adequate charge
3. Trucks
4. Engines
5. Units that are in a relief status
6. Units primarily used for training purposes

**Project Status:** The first phase began in FY 2018/19. FY 2019/20 is the second and final phase of the planned replacement schedule.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$550,000					\$550,000

**Impact on Operating Budget:** Potential cost with equipment failure after one year warranty expiration.



## **SELF-CONTAINED BREATHING APPARATUS (SCBA)**

**Project Priority:** A

**Project Org:** TBD

**Project Type:** Service Enhancement/Replacement

**Project Management:** Operations

**Project Description:** The OCFA's Operations Department currently uses 833 Self Contained Breathing Apparatus. The Operations Department projects a need for service enhancement and replacement at the 10-year use of life in FY 2020/21 and FY 2021/22. The expected life of the SCBA will peak in 2020 and 2021. Service enhancements of the SCBA have already occurred and will likely increase before our next replacement giving us the ability to incorporate increased temperature tolerance on the facepiece mask, clearer use of the heads-up display, increased visibility of the remote air use gauge, and a more ergonomic harness for wearer. The need for replacement could occur over two fiscal years: \$2.5M in FY 2020/21 and \$2.0M in FY 2021/22.



The SCBA total is based on current need. Additional SCBA might be needed over the next 3-5 years due to expansion of the Fire Authority and new fire stations.

**Project Status:** Project is scheduled to begin in FY 2020/21.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>		\$2,500,000	\$2,000,000			\$4,500,000

**Impact on Operating Budget:** No anticipated impact.



## **FIRE SHELTERS**

**Project Priority:** A

**Project Org:** P412

**Project Type:** Service Enhancement/Replacement

**Project Management:** Operations

**Project Description:** The majority of OCFA's current supply of 1000 shelters were purchased between 2008 and 2012. The shelters have a shelf life of 10 years. The Operations Department projects a need to replace all OCFA's fire shelters over four fiscal years:

Fire Shelter (\$300 each with tax)

The purchase of the requested Fire Shelters is based on current need. Priority for replacement will be as follows:

1. Oldest units
2. Worn out units



The replacement was originally scheduled to begin in FY 2018/19. However, the sole manufacturer was still in the process of introducing an improved version of the fire shelters to the market. As such the replacement schedule was pushed out to ensure that the shelters procured meets the high standard of safety.

**Project Status:** Phase 1 of the project is scheduled to begin in FY 2019/20, with the completion of this replacement schedule in FY 2022/23.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$100,000	\$100,000	\$100,000	\$140,000		\$440,000

**Impact on Operating Budget:** Potential cost with equipment failure after one year warranty expiration.



## **PORTABLE FIRE PUMPS**

**Project Priority:** A

**Project Org:** TBD

**Project Type:** Service Enhancement/Replacement

**Project Management:** Operations

**Project Description:** OCFA purchased the current supply of 20 Waterax Mini-Striker pumps in 2012. The fire pumps have an estimated service life of 10 years. The Operations Department projects a need to replace all OCFA's portable fire pumps in FY 2022/23.

The Waterax Mini-Striker pump pairs a reliable single stage pump end with the Honda 4-stroke 2.5 HP engine to achieve pressures of up to 85 PSI (5.9 BAR) and offer volume supply of up to 80 GPM (303 L/Min). Extremely portable and lightweight, this mini powerhouse performs well when used by itself or in tandem with other pumps. It is also particularly suited to some of the latest fire control techniques where small, lightweight equipment is a requirement.



Cost of each portable pump is about \$600 plus tax.

The purchase of the requested portable fire pumps is based on current need and has a planned roll-out date in the FY 2022/23 budget year. Priority for replacement will be as follows:

1. Worn out units
2. Oldest units

**Project Status:** Project is scheduled for FY 2022/23.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:				\$12,000		\$12,000

**Impact on Operating Budget:** Potential cost with equipment failure after 90-day warranty expiration.



**CPR AUTOMATIC CARDIAC COMPRESSION DEVICE (ACCD)****Project Priority:** A**Project Org:** TBD**Project Type:** Service Enhancement/Replacement**Project Management:** Emergency Medical Services

**Project Description:** The Orange County Emergency Medical Service has mandated that all Advanced Life Support (ALS) units carry an Automatic Cardiac Compression Device (ACCD) by January 1, 2020. The ACCD has been proven in national studies to increase the return of spontaneous circulation (ROSC) and improve mental outcomes of cardiac arrest patients by providing continuous perfect CPR. The ACCD ability to allow for continuous perfect CPR to take place while paramedics move/transfer the patient will keep the cardiac output consistent and allow perfusion to take place.

The plan is to purchase 78 ACCDs for OCFA paramedic units. The cost also includes the initial purchase of the disposable one-time use Strap/Plunger for patient use, and ten battalion loaners if a device needs repairs and/or to meet surge capacity.

**Project Status:** Project to commence in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$1,500,000					\$1,500,000

**Impact on Operating Budget:** Potential cost with equipment failure after one year warranty expiration.



## **AREA RAE HAZMAT RAPID DEPLOYMENT KITS (RDK)**

**Project Priority:** A

**Project Org:** TBD

**Project Type:** Service Enhancement/Replacement

**Project Management:** Hazardous Material Response Team

### **Project Description:**

The current area monitoring system is deteriorating, and the manufacturer will no longer be supporting the system. Replacement is necessary in order to maintain an operable system.

The Area RAE System provides for GPS tracked remote monitoring of air to detect contaminants. These units are industry standard within the hazmat community, and are used as a force multiplier and to bridge the safety gap. They enable one responder to monitor multiple instruments over a large geographical area at the same time. They provide instant readouts, enable the team to categorize the environment, and direction of a chemical release. This system does all of this while safeguarding responders by not placing them in the path of contaminants. They have been used on multiple incidents throughout the county. This update is also required to maintain compatibility with the other hazmat teams in Orange County.



This is an estimate based on current needs. Due to development of technology, this estimate may change.

**Project Status:** Project is scheduled to begin in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$122,000					\$122,000

**Impact on Operating Budget:** None.



## **GAS MONITORS**

**Project Priority:** A

**Project Org:** TBD

**Project Type:** Service Enhancement/Replacement

**Project Management:** Operations

**Project Description:** OCFA's current supply of 25 Gas Monitors were purchased with grant funds from UASI to enhance the safety of responding fire personnel to potential chemical/biological hazard incidents. The Monitors were purchased in 2014 and will need to be replaced in FY 2019/20. The monitors have a shelf life of five years. The Operations Department projects a need to replace all OCFA's gas monitors in a single fiscal year. The unit cost of the Multi-RAE 6 gas monitor is estimated at \$900 each with tax.

The purchase of the requested monitors is based on a future need and has a planned roll-out date in the FY 2019/20 budget year. Replacement of the entire stock will be necessary.



**Project Status:** Project scheduled to begin in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$25,000					\$25,000

**Impact on Operating Budget:** Potential cost with equipment failure after 180-day warranty expiration.



## **HAZMAT AIR MONITORS**

**Project Priority:** A

**Project Org:** TBD

**Project Type:** Hazmat Air Monitor Replacement

**Project Management:** Operations

**Project Description:** The OCFA's Operations Department - Hazmat Section currently administrates 40 Handheld Gas Monitors. These monitors are placed on all truck companies as well as both hazmat and requisite units for the purpose of identifying toxic and hazardous atmospheres to ensure personnel safety. These devices are instrumental in compliance with Occupational Safety and Health and Safety Administration (OSHA) regulations on confined space incidents, technical rescues, hazardous materials incidents and fires. As these devices age, the cost of maintenance increases due to component replacement and the need for additional spares increases to compensate for downtime. With technological advances in development of this highly technical device, the manufacturer will discontinue its support of older equipment. It is forecasted that the effective service life expectancy of current units will be reached by FY 2021/22.



**Project Status:** Project is scheduled to begin in FY 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>			\$150,000			\$150,000

**Impact on Operating Budget:** No anticipated impact.



## **CARBON MONOXIDE MONITORS**

**Project Priority:** A

**Project Org:** TBD

**Project Type:** Service Enhancement/Replacement

**Project Management:** Operations

**Project Description:** This is the replacement of carbon monoxide monitors on each OCFA fire apparatus. The newly acquired Carbon Monoxide detectors are projected to have a 5 year life cycle concluding in FY 2023/24.

Carbon Monoxide is an insidious, colorless, odorless gas undetectable by the senses. During 2010-2015 a total of 2,224 deaths nationwide resulted from carbon monoxide poisoning. Sources of carbon monoxide include faulty heating and cooking appliances in homes and buildings. The ability to rapidly detect carbon monoxide by OCFA fire units is a valuable capability.

**Project Status:** Project is scheduled for FY 2023/24.



<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>					\$50,000	\$50,000

**Impact on Operating Budget:** No anticipated impact.



## **HELICOPTER PLANNED INSPECTION AND MAINTENANCE**

**Project Priority:** A

**Project Org:** TBD

**Project Type:** Helicopter Maintenance

**Project Management:** Special Operations Division/Air Operations Section

**Project Description:** Based on Hobbs Meter flight hours, the FAA requires scheduled inspections and maintenance of OCFA Bell 412 helicopter. This process is mandatory and can be accurately forecast based on aircraft use. Further, it involves the teardown and re-assembly of the airframe which is a very labor intensive process that involves OCFA aircraft mechanics as well as vendors for out of scope tasks.



**Project Status:** Ongoing

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:			\$1,200,000	\$400,000	\$400,000	\$2,000,000

**Impact on Operating Budget:** Ongoing forecasting of planned inspections and maintenance will help control maintenance costs in the operating budget.



# Fund 123

## Fire Stations and Facilities



This fund is a capital projects fund to be used for the significant acquisition, improvement, replacement, or construction of fire stations and facilities. Significant funding sources include operating transfer from the General Fund, and contributions or reimbursements from developers responsible for a share of new fire station development costs.







**REPLACEMENT OF FIRE STATION 9 (MISSION VIEJO)****Project Priority:** A**Project Org:** P536**Project Type:** Replacement Fire Station Construction**Project Management:** Property Management

**Project Description:** This project contemplates planning, design, demolition and replacement of Fire Station 9, constructed in 1974. The station occupies about 0.6 of an acre. The project includes replacement construction of approximately a 10,000 square foot two-story station on the current site. The project includes all demolition, placement of a temporary fire station, planning, design, and new station construction. The station will house two companies.

**Project Status:** There are discussions of possible alternate locations to accommodate. Project delivery is anticipated to be Design-Build.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$2,000,000	\$7,500,000				\$9,500,000

**Impact on Operating Budget:** Replacement Fire Station 9 (Mission Viejo) will alleviate current significant overcrowding and improve the operational readiness of the station.



**REPLACEMENT OF FIRE STATION 10 (YORBA LINDA)****Project Priority:** A**Project Org:** P503**Project Type:** Replacement Fire Station Construction**Project Management:** Property Management

**Project Description:** This project contemplates planning, design, demolition and replacement of Fire Station 10, constructed in 1972 along with the adjacent Old Fire Station 10, constructed in 1938. Both facilities currently occupy a combined site comprising 0.74 of one acre. Studies are underway to find alternate locations for the construction of a new 12,000-15,000 square foot, two company, three apparatus bay fire station with added standard modules to support a Division Chief and a station training room.

**Project Status:** Project delivery is anticipated to be Design-Build.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$2,000,000	\$7,500,000				\$9,500,000

**Impact on Operating Budget:** Replacement Fire Station 10 (Yorba Linda) will improve Division 4 Operational Control and Service Delivery.



## **RFOTC TRAINING GROUNDS EXPANSION AND UPGRADE**

**Project Priority:** A

**Project Org:** P251

**Project Type:** Facilities/Site Repair

**Project Management:** Property Management

**Project Description:** Although the OCFA has grown in size by 25%, the current RFOTC drill ground has not been upgraded or expanded. The current tower was out of service greater than 50% of the time in FY 2016/17, and the service vendor struggled to find timely solutions. The live-burn training system, designed in 1992, is obsolete and no longer has repair parts available. Exacerbating the down-time issues is that the system was designed so that when one burn prop (out of seven in the tower) goes down, the whole system is inoperable.

The OCFA has also increased the size of our recruit academies from an average of 30 recruits in 2010 to 50 recruits today. Large academies results in more instructors (5:1 ratio) and results in greater need for office space, classroom space, and bathrooms.

To address these shortcomings, the project will be handled in stages.

- In FY 2019/20, the plan is to upgrade the concrete deck and water recirculating system to provide large volume water training capabilities; this portion of the project is estimated at \$1,000,000. Additionally, the plan is to add large metal buildings in the existing drill grounds to house existing training engines and provide additional storage. Utilities, concrete, and buildings are estimated to be \$1,525,000.
- In FY 2020/21, the plan is to replace the burn props, safety sensor system, and computer operating system in the current tower at an estimated cost of \$1,100,000.
- In FY 2021/22, the plan is to build a new burn tower (\$1,000,000) along with construction of portable classrooms (\$1,100,000). Grading and utilities are estimated to be an additional \$575,000.

**Project Status:** Temporary classrooms were installed during FY 2018/19. Project will continue subject to negotiations with City of Irvine.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$2,525,000	\$1,100,000	\$2,675,000			\$6,300,000

**Impact on Operating Budget:** Annual maintenance contracts for burn props at approximately \$40,000 per year.



**FIRE STATION 49 APPARATUS BAY FLOOR RECONSTRUCTION**

**Project Priority:** A

**Project Org:** P253

**Project Type:** Facilities/Site Repair

**Project Management:** Property Management

**Project Description:** The apparatus bay floor is cracking, spalling and deteriorating due to possible settling of the ground. Analysis of the structure and subgrade needs to be performed along with development of a repair plan.

**Project Status:** Project commenced in late FY 2018/19 with initial design planning, with construction scheduled in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>	\$1,000,000					\$1,000,000

**Impact on Operating Budget:** No further funding or operating budget impacts are anticipated for these modifications after the completion of this project.



**INFRASTRUCTURE SECURITY ENHANCEMENTS****Project Priority:** A**Project Org:** P247**Project Type:** Facilities/Site Repair**Project Management:** Property Management

**Project Description:** This project is part of a larger security upgrade effort at the RFOTC. This particular project will provide additional separation and security in the board room by building walls, access doors and card reading systems to separate board members from the general public areas. Recently a contract was awarded to a consultant project manager to develop projects and prioritize them for implementation. Additional projects as deemed necessary by the board or executive management can be included in the scope of this project.

**Project Status:** This project began in FY 2018/19 and will continue through FY 2020/21.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$600,000	\$500,000				\$1,100,000

**Impact on Operating Budget:** Security enhancements will add to existing features and systems which assist in safeguarding OCFA staff and critical infrastructure. No further funding or operating budget impacts are anticipated for these modifications after the completion of this project.



**CONSTRUCTION OF NEW FIRE STATION 12 (LAGUNA WOODS)****Project Priority:** A**Org Number:** TBD**Project Type:** New fire station construction**Project Management:** Property Management

**Project Description:** This project contemplates planning, design, and construction of a new Fire Station 12. Station size and equipment compliment to be determined by operations.

**Project Status:** Available sites are being evaluated in the geographical area for construction.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$500,000	\$2,000,000	\$6,500,000			\$9,000,000

**Impact on Operating Budget:** Construction of this the Fire Station 12 (Laguna Woods) will require additional personnel and operating budget to ensure facility is maintained.



**RETROFIT EXISTING STATION FIRE LIFE SAFETY SYSTEMS****Project Priority:** A**Project Org:** P258**Project Type:** Facilities/Site Repair**Project Management:** Property Management

**Project Description:** This project would upgrade approximately six existing stations without hard wired fire detection systems. In an effort to have more robust detection and notification fire life safety systems this will include installation of smoke detectors that connect to the existing alerting system which are monitored by Emergency Communications Center.

**Project Status:** The project was originally scheduled to commence in FY 2018/19, but now postponed to begin in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$270,000					\$270,000

**Impact on Operating Budget:** Ongoing annual operational costs of about \$25,000 is projected effective FY 2019/20.



## **RFOTC 2ND EMERGENCY POWER GENERATOR**

**Project Priority:** B

**Project Org:** TBD

**Project Type:** Facilities/Site Repair

**Project Management:** Property Management

**Project Description:** This project is to add a 2<sup>nd</sup> backup Emergency Power Generator to supply the RFOTC facilities critical emergency power in the case of a long term power outage. The RFOTC facilities currently have one Emergency Power Generator that supplies emergency power in the case of a power outage to the RFOTC 'B' building including the 9-1-1 Dispatch Emergency Command Center (ECC), the Data Center, and other designated power outlets throughout the RFOTC facilities. The current Emergency Power Generator was installed during the construction of the RFOTC in 2004. Space for a 2<sup>nd</sup> backup Emergency Power Generator is available next to the current Emergency Power Generator.

If there is a mechanical or other issue with the current Emergency Power Generator during a power outage, the Data Center and 9-1-1 ECC would be inoperable until a portable Emergency Power Generator can be brought in from a supplier, a process that could take several hours at minimum.

This project will provide critical redundancy to the current Emergency Power Generator in the case of a prolonged power outage, ensuring ongoing emergency operations capability for the 9-1-1 ECC Dispatch center and the OCFA Data Center, as well as supplying emergency power to additional offices and classrooms at the RFOTC.



The budget is a preliminary estimate, and may need revision as requirements are further developed.

**Project Status:** This project is scheduled to begin in FY 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>			\$500,000			\$500,000

**Impact on Operating Budget:** No anticipated impact.



**CONSTRUCTION OF NEW FIRE STATION 52 (IRVINE BUSINESS DISTRICT)****Project Priority:** A**Project Org:** TBD**Project Type:** New Fire Station Construction**Project Management:** Property Management

**Project Description:** This project contemplates planning, design, and construction of a new Fire Station 52. The project includes construction of a new station, size and equipment compliment to be determined by operations. There may be additional costs associated with land purchase.

**Project Status:** Project delivery is anticipated to be Design-Build.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:				\$8,000,000		\$8,000,000

**Impact on Operating Budget:** Construction of this the Fire Station 52 (Irvine Business District) will require additional personnel and operating budget to ensure facility is maintained.







# Fund 124

## Communications & Information Systems



This fund is a capital projects fund used for the significant acquisition, improvement, or replacement of specialized communications and information systems and/or equipment. Its primary funding sources are the operating transfers from the General Fund and the use of reserves.







## OCFA ENTERPRISE AUDIO VISUAL UPGRADES

**Project Priority:** B

**Project Org:** P350

**Project Type:** Equipment Replacement / New Technology

**Project Management:** IT – Communications & IT Infrastructure

**Project Description:**

In FY 2016/17, the Audio Visual (AV) systems in the OCFA's Board Room and five classrooms were upgraded, which included new displays, projectors, cameras, recorders, microphones, video-streaming/conferencing, wireless connectivity, touch-screen LCD controllers, and a new voting system.



Most of the AV technology projects except for the US&R Warehouse were delayed in FY 2018/19 due to insufficient resources, so the project was deferred to later years. The plan for FY 2019/20 is the AV technology upgrade in classrooms at one fire station in each OCFA Battalion, for a total of 10 classrooms, plus selected conference rooms at the RFOTC. The Audio Visual Wall upgrade to the Emergency Command Center (ECC) is scheduled to be completed in FY 2020/21.



In FYs 2021/22 and 2023/24, AV technology will be upgraded at one additional fire station in each Battalion, and remaining conference rooms at the RFOTC per budget year. This project is scheduled to be completed by 2024, such that at least three fire stations in each OCFA Battalion will have the upgraded AV technology. The upgraded AV technology will enable RFOTC staff and fire station crews to access video and other electronic training materials more efficiently at their local stations utilizing video conferencing with other fire stations and HQ, minimizing the time crews have to leave their response areas for training or meetings.

**Project Status:** The project began in FY 2018/19 and will continue through FY 2023/24.

Fiscal Years:	2019/20	2020/21	2021/22	2022/23	2023/24	Total
Budget:	\$430,000	\$1,000,000	\$450,000		\$450,000	\$2,330,000

**Impact on Operating Budget:** The budgetary amount is a preliminary estimate and may need revision as requirements are further developed.



## **OCFA DISASTER RECOVERY CO-LOCATION FACILITY**

**Project Priority:** B

**Org Number:** P349

**Project Type:** New Technology

**Project Management:** IT – Communications & IT Infrastructure

**Project Description:** Disaster Recovery (DR) facilities must be secure and have redundant power and high-speed data connections. A DR facility may be a leased space within a dedicated facility located in another city/county/state. It may also be an appropriate OCFA facility, or a part of one that is secure and located away from the RFOTC facilities, or it could be a secure co-location facility shared with other PSAPs.



This project will develop Disaster Recovery (DR) co-location capabilities to store and replicate critical OCFA backup emergency 9-1-1 and business systems and data in order to maintain continuity of operations in an extended emergency scenario.

OCFA and OCSO staff have been working to develop co-location capabilities at each agencies Dispatch Centers as a first level co-location capability. Staff is continuing to develop out-of-county co-location capabilities to provide additional DR capabilities in the event of a regional disaster.

The OCFA currently backs up and maintains multiple versions of critical business, financial, and public safety systems data and stores it offsite with 3<sup>rd</sup> party vendors that specialize in secure data storage. The data storage can be recalled to restore to OCFA systems as needed.

The budgetary amount is a preliminary estimate and may need revision as requirements are developed.

**Project Status:** Project is currently in process and continues through FY 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>	\$500,00		\$1,000,000			\$1,500,000

**Impact on Operating Budget:** Annual facility lease expense of \$60,000 starting FY 2022/23 for 2<sup>nd</sup> out-of-state co-location facility with 5% annual increases thereafter.



## **COMMUNITY RISK REDUCTION AUTOMATION – IFP REPLACEMENT**

**Project Priority:** A

**Project Org:** P326

**Project Type:** Application Replacement

**Project Management:** IT – Systems Development & Support

**Project Description:** This project is to replace the Integrated Fire Prevention (IFP) system which is part of the larger Records Management Systems (RMS) replacement project. The RMS replacement project was originally planned to be replaced concurrently with the OCFA's Computer Assisted Dispatch (CAD) system with both projects collectively referred to as the Public Safety Systems (PSS) replacement project. RMS replacement was split off the PSS project as separate projects to expedite replacement of the CAD system which was completed in September 2014.

**Project Status:** Commercially available RMS solutions were reviewed extensively, but none were found to meet the needs of the OCFA. Developing a custom built RMS using commercial off the shelf (COTS) Microsoft technology and modern web-based design elements was approved by Executive Management in 2016. Staff and contracted 3<sup>rd</sup> party professional software developers have been actively developing workflows and coding for the new Incident Reporting and Investigations System (IRIS) since early 2018 and will deploy the completed system in summer 2019.

Staff is also reviewing a customized and configured cloud-based solution as a possible replacement for IFP that Orange County Public Works (OCPW) is developing with multiple technology vendors including Salesforce, BasicGov, Deloitte, and Carahsoft. This innovative solution may meet the needs of OCFA Community Risk Reduction (CRR) department IFP system replacement, and staff is closely monitoring OCPW's planned go-live scheduled in early 2019 in multiple phases of deployment. For this reason, CIP funds for this project have been re-budgeted to FY 2019/20 and FY 2020/21 pending further review.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$905,117	\$2,274,898				\$3,180,015

**Impact on Operating Budget:** If the OCFA chooses a 3<sup>rd</sup> party solution, application maintenance, license, and user fees for the customized and configured cloud-based solution is estimated at \$600,000 beginning in FY 2022/23 with 5% annual increases thereafter.



## **THEHIVE CLOUD UPGRADE**

**Project Priority:** B

**Project Org:** TBD

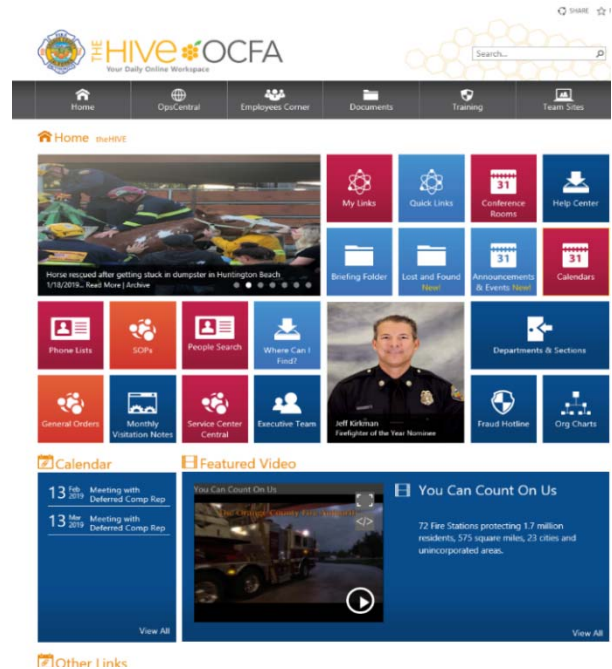
**Project Type:** Application Replacement

**Project Management:** IT – Systems Development & Support

**Project Description:** This item is to upgrade the OCFA's Microsoft SharePoint on-premises implementation of **TheHIVE**, the OCFA's intranet system, to Office 365 Cloud-based technology.

Upgrading to Cloud technology will realize several major advantages including improved system redundancy, 24X7 up-time, the latest monthly software and security updates applied by Microsoft, and reducing the amount of in-house support to maintain TheHIVE system environment. The OCFA will also benefit from a more native and integrated solution with other Office 365 products like One Drive for business.

Project funds will be expended for 3<sup>rd</sup> party professional services to assist staff to transition TheHIVE from on-premises to the Cloud.



**Project Status:** Project is scheduled to begin in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$100,000	\$500,000	\$500,000	\$250,000	\$150,000	\$1,500,000

**Impact on Operating Budget:** Application Maintenance/License Costs are largely included in the OCFA's existing Microsoft Enterprise Agreement (EA). Any increase in the Microsoft EA will be included in the Information Technology operating budget.



**FLEET SERVICES FUEL MANAGEMENT TRACKING SYSTEM****Project Priority:** B**Project Org:** TBD**Project Type:** Application Replacement**Project Management:** IT – Systems Development & Support

**Project Description:** This item is to add Fuel Module functionality to the Fleet Management system.

The current Fleet Management system has the capability to track fuel usage of all OCFA vehicles and all OCFA fuel dispensing locations. This project adds an additional software module to the Fleet system as well as additional hardware to the fuel ‘islands’ and tracking devices on each OCFA vehicle. Professional services for installation and testing are included in the budget.

The implementation of this module to the Fleet application for the Fleet Services Section will improve accountability for consumable assets, pump control, card lockout, less shrinkage of inventory, and overall fuel consumption savings.

**Project Status:** This project has been delayed to begin in FY 2022/23 after reprioritizing projects.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:				\$601,394		\$601,394

**Impact on Operating Budget:** Application Maintenance/License Costs are expected to be 20% - 25% of the new software costs, or \$60,000 annually beginning in FY 2023/24.

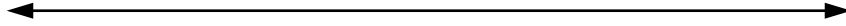






# Fund 133

## Fire Apparatus



This fund is a capital projects fund used for the planned acquisition, improvement, or replacement of fire apparatus, including vehicles, trailers, and helicopters. Funding sources for this fund include operating transfers from the General Fund, contributions from cash contract member cities, and proceeds from lease purchase agreements.







## Fund 133 - Fire Apparatus

### ORANGE COUNTY FIRE AUTHORITY FUND 133 - FIRE APPARATUS LIST OF VEHICLES TO BE REPLACED

Existing Vehicle Number	Current Vehicle Type	Dept/Section Assigned to:	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	5-Year Total	Mileage @ Jan 2019
<b>EMERGENCY VEHICLES</b>									
<b>Air Utility</b>									
5415	Air Utility	Operations	-	-	527,878	-	-	527,878	129,000
<b>Battalion Chief Command</b>									
2185	BC Command Vehicle	Operations	-	-	107,675	-	-	107,675	21,834
2186	BC Command Vehicle	Operations	-	-	107,675	-	-	107,675	19,514
2187	BC Command Vehicle	Operations	-	-	107,675	-	-	107,675	15,560
2188	BC Command Vehicle	Operations	-	-	-	110,905	-	110,905	14,391
2189	BC Command Vehicle	Operations	-	-	-	110,905	-	110,905	18,518
2190	BC Command Vehicle	Operations	-	-	-	110,905	-	110,905	19,542
<b>Compressed Air Foam System Patrol Vehicle</b>									
3687	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	266,632	-	266,632	35,000
3689	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	266,632	-	266,632	50,000
3796	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	266,632	-	266,632	30,500
3690	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	-	274,630	274,630	35,000
3798	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	-	274,630	274,630	50,000
3684	CAFS-Patrol Veh. (Type 6)	Operations	-	-	-	-	274,630	274,630	30,500
<b>Brush Chipper</b>									
New	Brush Chipper	Spec Opers.	90,000	-	-	-	-	90,000	
<b>Crew Cab-Swift Water Vehicle</b>									
3800	Swift Water Vehicle	Operations	-	-	84,000	-	-	84,000	23,151
3803	Swift Water Vehicle	Operations	-	-	84,000	-	-	84,000	38,289
3806	Swift Water Vehicle	Operations	-	-	84,000	-	-	84,000	43,172
<b>Crew Carrying Vehicle</b>									
New	Crew Carrying Vehicle	Spec Opers.	312,432	-	-	-	-	312,432	
New	Crew Carrying Vehicle	Spec Opers.	312,432	-	-	-	-	312,432	
<b>Mini Compact Track Loader</b>									
New	Mini Compact Track Loader	Operations	55,000	-	-	-	-	55,000	
<b>Compact Track Loader</b>									
New	Compact Track Loader	Operations	150,000	-	-	-	-	150,000	
<b>Dozer</b>									
New	Dozer	Operations	605,000	-	-	-	-	605,000	
<b>Dozer Transport Tractor</b>									
New	Dozer Transport Tractor	Operations	216,520	-	-	-	-	216,520	
<b>Dozer Transport Trailer</b>									
New	Dozer Transport Trailer	Operations	92,564	-	-	-	-	92,564	
6146	Dozer Transport Trailer	Operations	-	-	98,201	-	-	98,201	
<b>Engine - Type I</b>									
5229	Engine - Type I	Operations	663,946	-	-	-	-	663,946	123,000
5161	Engine - Type I	Operations	663,946	-	-	-	-	663,946	120,000
5214	Engine - Type I	Operations	663,946	-	-	-	-	663,946	120,000
5210	Engine - Type I	Operations	663,946	-	-	-	-	663,946	115,000
5240	Engine - Type I	Operations	663,946	-	-	-	-	663,946	117,000
5227	Engine - Type I	Operations	663,946	-	-	-	-	663,946	120,000
5213	Engine - Type I	Operations	-	683,864	-	-	-	683,864	111,000



# FY 2019/20 - FY 2023/24 Capital Improvement Plan Budget

**ORANGE COUNTY FIRE AUTHORITY**  
**FUND 133 - FIRE APPARATUS**  
**LIST OF VEHICLES TO BE REPLACED**

Existing Vehicle Number	Current Vehicle Type	Dept/Section Assigned to:	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	5-Year Total	Mileage @ Jan 2019
5241	Engine - Type I	Operations	-	683,864	-	-	-	683,864	111,000
5216	Engine - Type I	Operations	-	683,864	-	-	-	683,864	109,000
5159	Engine - Type I	Operations	-	683,864	-	-	-	683,864	107,000
5154	Engine - Type I	Operations	-	683,864	-	-	-	683,864	105,000
5215	Engine - Type I	Operations	-	683,864	-	-	-	683,864	106,000
5200	Engine - Type I	Operations	-	-	704,379	-	-	704,379	104,000
5211	Engine - Type I	Operations	-	-	704,379	-	-	704,379	103,000
5155	Engine - Type I	Operations	-	-	704,379	-	-	704,379	101,000
5219	Engine - Type I	Operations	-	-	704,379	-	-	704,379	98,000
5151	Engine - Type I	Operations	-	-	704,379	-	-	704,379	98,000
5153	Engine - Type I	Operations	-	-	704,379	-	-	704,379	95,000
5226	Engine - Type I	Operations	-	-	-	725,510	-	725,510	77,000
5242	Engine - Type I	Operations	-	-	-	725,510	-	725,510	73,000
5243	Engine - Type I	Operations	-	-	-	725,510	-	725,510	76,000
5180	Engine - Type I	Operations	-	-	-	725,510	-	725,510	85,000
5182	Engine - Type I	Operations	-	-	-	725,510	-	725,510	51,000
5181	Engine - Type I	Operations	-	-	-	725,510	-	725,510	51,000
5162	Engine - Type I	Operations	-	-	-	-	747,275	747,275	55,300
5163	Engine - Type I	Operations	-	-	-	-	747,275	747,275	44,000
5164	Engine - Type I	Operations	-	-	-	-	747,275	747,275	44,600
5165	Engine - Type I	Operations	-	-	-	-	747,275	747,275	61,000
5166	Engine - Type I	Operations	-	-	-	-	747,275	747,275	60,000
<b>Engine - Type III</b>									
5140	Engine - Type III	Operations	-	-	-	-	624,000	624,000	45,000
5141	Engine - Type III	Operations	-	-	-	-	624,000	624,000	44,000
5144	Engine - Type III	Operations	-	-	-	-	624,000	624,000	46,000
5147	Engine - Type III	Operations	-	-	-	-	624,000	624,000	54,000
5149	Engine - Type III	Operations	-	-	-	-	624,000	624,000	50,000
<b>Foam Tender</b>									
5168	Foam Tender	Operations	600,000	-	-	-	-	600,000	7,778
<b>Full-Size 4-Door</b>									
New	Full-Size 4-Door 4x4	Operations	60,475	-	-	-	-	60,475	
<b>Full-Size 4-Door Exec Mgmt</b>									
New	Full-Size 4-Door 4x4	Operations	37,000	-	-	-	-	37,000	
New	Full-Size 4-Door 4x4	Operations	37,000	-	-	-	-	37,000	
New	Full-Size 4-Door 4x4	Operations	37,000	-	-	-	-	37,000	
2350	Full-Size 4-Door 4x4	Operations	-	-	66,864	-	-	66,864	60,500
2353	Full-Size 4-Door 4x4	Operations	-	-	66,864	-	-	66,864	56,500
2354	Full-Size 4-Door 4x4	Operations	-	-	39,253	-	-	39,253	65,000
2351	Full-Size 4-Door 4x4	Operations	-	-	-	68,869	-	68,869	47,642
2352	Full-Size 4-Door 4x4	Operations	-	-	-	68,869	-	68,869	48,000
2355	Full-Size 4-Door 4x4	Operations	-	-	-	40,500	-	40,500	41,500
<b>Hazardous Materials Vehicle</b>									
5323	Haz Mat Vehicle	Operations	1,042,973	-	-	-	-	1,042,973	31,794
5253	Haz Mat Vehicle	Operations	-	-	1,105,577	-	-	1,105,577	30,158
<b>Hazardous Materials Support Vehicle</b>									
5322	Haz Mat Support Vehicle	Operations	415,000	-	-	-	-	415,000	26,832
<b>Heavy Rescue</b>									
5320	Heavy Rescue	Operations	835,000	-	-	-	-	835,000	34,000



## Fund 133 - Fire Apparatus

**ORANGE COUNTY FIRE AUTHORITY**  
**FUND 133 - FIRE APPARATUS**  
**LIST OF VEHICLES TO BE REPLACED**

Existing Vehicle Number	Current Vehicle Type	Dept/Section Assigned to:	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	5-Year Total	Mileage @ Jan 2019
<b>Paramedic Squad</b>									
3662	Paramedic Squad	Operations	-	-	-	208,667	-	208,667	16,341
3664	Paramedic Squad	Operations	-	-	-	208,667	-	208,667	10,000
3661	Paramedic Squad	Operations	-	-	-	-	214,927	214,927	16,079
3663	Paramedic Squad	Operations	-	-	-	-	214,927	214,927	8,000
3660	Paramedic Squad	Operations	-	-	-	-	214,927	214,927	2,000
<b>Pick-Up Utility 3/4 Ton</b>									
New	Pick-Up Utility 3/4 Ton	Operations	48,461	-	-	-	-	48,461	
3029	Pick-Up Utility 3/4 Ton	Operations	48,461	-	-	-	-	48,461	105,348
<b>Superintendent Vehicle</b>									
New	Superintendent Vehicle	Operations	150,000	-	-	-	-	150,000	
3039	Superintendent Vehicle	Operations	-	154,500	-	-	-	154,500	
<b>TDA 100' Quint</b>									
5235	TDA 100' Quint	Operations	1,366,861	-	-	-	-	1,366,861	111,200
<b>Mobile 911 Emergency Command Center</b>									
New	Mobile 911 ECC	Operations		2,000,000	-	-	-	2,000,000	
<b>Total Emergency Vehicles</b>			<b>10,495,855</b>	<b>6,257,684</b>	<b>6,705,936</b>	<b>6,081,243</b>	<b>8,325,046</b>	<b>37,865,764</b>	
<b>DEVELOPER FUNDED VEHICLES</b>									
<b>Engine - Type I</b>									
Station 67	Engine - Type I	Operations	775,540	-	-	-	-	775,540	
Station 52	Engine - Type I	Operations	-	798,806	-	-	-	798,806	
Station 12	Engine - Type I	Operations	-	-	822,770	-	-	822,770	
<b>Paramedic Squad</b>									
Station 67	Paramedic Squad	Operations	273,033	-	-	-	-	273,033	
<b>TDA 100' Quint</b>									
Station 67	TDA 100' Quint	Operations	-	1,827,923	-	-	-	1,827,923	
<b>Total Developer Funded Vehicles</b>			<b>1,048,573</b>	<b>2,626,729</b>	<b>822,770</b>	<b>-</b>	<b>-</b>	<b>4,498,072</b>	



# FY 2019/20 - FY 2023/24 Capital Improvement Plan Budget

**ORANGE COUNTY FIRE AUTHORITY**  
**FUND 133 - FIRE APPARATUS**  
**LIST OF VEHICLES TO BE REPLACED**

Existing Vehicle Number	Current Vehicle Type	Dept/Section Assigned to:	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	5-Year Total	Mileage @ Jan 2019
<b>SUPPORT VEHICLES</b>									
<b>Mid-Size 4-Door</b>									
3123	Mid-Size 4-Door	CRR	39,964	-	-	-	-	39,964	54,000
<b>Mid-Size Pickup - 1/2 Ton</b>									
2341	Mid-Size Pickup - 1/2 Ton	Comm Educ.	35,053	-	-	-	-	35,053	
3111	Mid-Size Pickup - 1/2 Ton	Comm Educ.	35,053	-	-	-	-	35,053	
4102	Mid-Size Pickup - 1/2 Ton	Comm Educ.	35,053	-	-	-	-	35,053	
2120	Mid-Size Pickup - 1/2 Ton	Property Mgt.	35,053	-	-	-	-	35,053	
3113	Mid-Size Pickup - 1/2 Ton	CRR	35,053	-	-	-	-	35,053	
3121	Mid-Size Pickup - 1/2 Ton	CRR	35,053	-	-	-	-	35,053	
2171	Mid-Size Pickup - 1/2 Ton	CRR	-	36,104	-	-	-	36,104	
2172	Mid-Size Pickup - 1/2 Ton	CRR	-	36,104	-	-	-	36,104	
2173	Mid-Size Pickup - 1/2 Ton	CRR	-	36,104	-	-	-	36,104	
3116	Mid-Size Pickup - 1/2 Ton	CRR	-	36,104	-	-	-	36,104	
3115	Mid-Size Pickup - 1/2 Ton	CRR	-	36,104	-	-	-	36,104	
3120	Mid-Size Pickup - 1/2 Ton	CRR	-	36,104	-	-	-	36,104	
2175	Mid-Size Pickup - 1/2 Ton	CRR	-	-	38,992	-	-	38,992	
2176	Mid-Size Pickup - 1/2 Ton	CRR	-	-	38,992	-	-	38,992	
3118	Mid-Size Pickup - 1/2 Ton	CRR	-	-	38,992	-	-	38,992	
3117	Mid-Size Pickup - 1/2 Ton	CRR	-	-	-	40,159	-	40,159	
3119	Mid-Size Pickup - 1/2 Ton	CRR	-	-	-	40,159	-	40,159	
3112	Mid-Size Pickup - 1/2 Ton	CRR	-	-	-	40,159	-	40,159	
3114	Mid-Size Pickup - 1/2 Ton	CRR	-	-	-	-	41,372	41,372	
3111	Mid-Size Pickup - 1/2 Ton	CRR	-	-	-	-	41,372	41,372	
<b>Passenger Van</b>									
New	Passenger Van	Fleet Svcs	50,000					50,000	
New	Passenger Van	Fleet Svcs	50,000					50,000	
<b>Service Truck - Light</b>									
3047	Service Truck - Light	Fleet Svcs	-	-	-		110,000	110,000	
3048	Service Truck - Light	Fleet Svcs	-	-	-	-	110,000	110,000	
<b>Step Van</b>									
4000	Step Van	Service Ctr.	-	58,000	-	-	-	58,000	
4002	Step Van	Service Ctr.	-	58,000	-			58,000	
4001	Step Van	Service Ctr.			60,000			60,000	
4003	Step Van	Service Ctr.	-	-	60,000	-		60,000	
<b>Total Support Vehicles</b>			<b>350,282</b>	<b>332,624</b>	<b>236,976</b>	<b>120,477</b>	<b>302,744</b>	<b>1,343,103</b>	
<b>TOTAL VEHICLES</b>			<b>11,894,710</b>	<b>9,217,037</b>	<b>7,765,682</b>	<b>6,201,720</b>	<b>8,627,790</b>	<b>43,706,939</b>	



## **AIR UTILITY VEHICLE**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The air utility vehicle brings to the fire scene a cache of self-contained breathing apparatus, air cylinders and provides on-scene lighting. This apparatus has a built-in compressor that can fill the self-contained breathing apparatus cylinders at the emergency scene. This project is for the replacement of one air utility vehicle with one new air utility vehicle in FY 2021/22.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for air utility vehicles are 15 years and/or 120,000 miles. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:			\$527,878			\$527,878

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.



## **BATTALION CHIEF (BC) COMMAND VEHICLES**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** Each of the ten battalions is assigned a command vehicle. Approximately forty percent of the vehicle cost is for equipment which includes cell phones, Mobile Data Computers (MDCs), and a slide-out working station to manage any large incident. This project is for the replacement of six command vehicles; three in FY 2021/22 and three in FY 2022/23.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for BC command vehicles are five years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2021/22 and FY 2022/23.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:			\$323,025	\$332,715		\$655,740

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **COMPRESSED AIR FOAM SYSTEM (CAFS)-PATROL UNIT**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The CAFS unit carries hose, water and a skid mounted pump. The system injects air into making a very rich foam allowing the crews to pretreat buildings and vegetation in the line of fire. This unit also has the ability to pump and roll. The CAFS unit is primarily for urban interface firefighting and rescue operations. These units are smaller by design to maneuver on truck trails and rural areas. This project is for the replacement of six CAFS units; three in FY 2022/23, and three in FY 2023/24.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for CAFS units are 20 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2022/23 and FY 2023/24.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:				\$799,896	\$823,890	\$1,623,786

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **BRUSH CHIPPER**

**Project Priority:** B

**Project Type:** Vehicle Addition

**Project Management:** Fleet Services Manager

**Project Description:** The brush chipper is used for weed-abatement, landscaping, tree care, and wood waste processing. This apparatus is operated by Crews and Equipment or Hand Crews for brush and tree removal. This project is for the addition of one brush chipper in FY 2019/20.

This apparatus is an addition to the fleet, and requested by Operations for fuel modification and brush mitigation in the open spaces in the City of Irvine and other areas throughout Orange County as needed.



Future replacement evaluation will be based on the following criteria:

- Actual hours of operation of the brush chipper
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and hour targets for brush chipper is about 20 years and/or 5,000 hours.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$90,000					\$90,000

**Impact on Operating Budget:** The addition of this apparatus to the fleet will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance cost will be \$3,000 per unit.



## **CREW CAB –SWIFT WATER VEHICLE**

**Project Priority:** B

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** Crew cab swift water vehicles are used to support our US&R truck companies. These units are outfitted with all tools and equipment needed in swift water rescue event, and to tow the necessary boats and equipment needed for such rescues. These units are also sent out of the county to support large scale emergencies. Approximately twenty five percent of the cost of this vehicle is for outfitting the vehicle i.e., the service body and code III lighting. This project is for the replacement of three swift water vehicles in FY 2021/22.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for service trucks are 15 years and/or 120,000 miles. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:			\$252,000			\$252,000

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **CREW CARRYING VEHICLES**

**Project Priority:** A

**Project Type:** Vehicle Addition

**Project Management:** Fleet Services Manager

**Project Description:** Crew carrying vehicles carry 9 passengers and are used to transport fire crews to brush fires. Fire crews can perform fire line construction. This project is for the addition of two crew carrying vehicles in FY 2019/20.

The purpose of adding these two vehicles to the fleet is to better meet the California State mission by mitigating hazardous wildland brush conditions in an effort to save life and property.

Future replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for crew carrying vehicles are 10 years and/or 120,000 miles.

**Project Status:** Purchases to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$624,864					\$624,864

**Impact on Operating Budget:** The addition of vehicles to the fleet will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance cost will be \$6,000 per unit.





## **MINI COMPACT TRACK LOADER**

**Project Priority:** B

**Project Type:** Vehicle Addition

**Project Management:** Fleet Services Manager

**Project Description:** The mini compact track loader is a smaller maneuverable piece of equipment that will allow the OCFA staff to more effectively meet their mission throughout the county. Examples include fuels maintenance, fire roads, trails and a variety of miscellaneous projects throughout the organization. This project is for the purchase of one compact mini track loader and attachments. The goal is to have a mini track loader for the smaller confined tasks meeting the needs of the changing pre-fire environment. With the variety of attachments, the operators will be able to address projects which currently require the hand crew. The purchase is scheduled for FY 2019/20.



This apparatus is an addition to the fleet and requested by Operations. It will be used for fuel modification and brush mitigation in the open spaces in the City of Irvine and other areas throughout Orange County as needed.

Future replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age target for a mini compact track loader is 10 years. However, the service and repair costs will be reviewed before a replacement is made, and may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$55,000					\$55,000

**Impact on Operating Budget:** The addition of this apparatus to the fleet will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance cost will be \$3,000 per unit.



## **COMPACT TRACK LOADER**

**Project Priority:** B

**Project Type:** Vehicle Addition

**Project Management:** Fleet Services Manager

**Project Description:** The compact track loader is a small maneuverable piece of equipment that will allow the OCFA staff to more effectively meet their mission throughout the county. Examples include fuels maintenance, fire roads, and a variety of miscellaneous projects throughout the organization. This project is for the purchase of one compact track loader and attachments, including a grappling bucket, mulcher, brushcutter, and stump grinder to replace an older and larger track loader and dozer in the current fleet. The goal is to reduce the size of the current heavy equipment fleet and better focus on the changing pre-fire environment. With the variety of attachments, the heavy equipment operators will be able to address projects which currently require the hand crew. Purchase will occur in FY 2019/20.



This apparatus is an addition to the fleet and requested by Operations. It will be used for fuel modification and brush mitigation in the open spaces in the City of Irvine and other areas throughout Orange County as needed.

Future replacement evaluation is based on the following criteria:

- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age target for compact track loaders is 20 years. However, the service and repair costs will be reviewed before a replacement is made, and may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$150,000					\$150,000

**Impact on Operating Budget:** The addition of apparatus to the fleet will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance cost will be \$8,000 per unit.



## **DOZER**

**Project Priority:** A

**Project Type:** New Vehicle

**Project Management:** Fleet Services Manager

**Project Description:** The bulldozer, equipped with protective equipment to ensure the safety of the operator, is used to construct a line around a fire, build firebreaks and roads to incidents/wildland areas, and assists in other operations as needed. The addition of a dozer adds depth to the fleet for continuity of service in the event of a drawdown of committed equipment. This request is for a new dozer in FY 2019/2020.



The vehicle replacement evaluation is based on the following criteria:

- Actual hours of operation of the vehicle
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and hours of operation are the primary targets for dozers and our replacement interval is 20 years. The projection for the replacement of this vehicle is based on age. However, operation hours will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$605,000					\$605,000

**Impact on Operating Budget:** The addition of a dozer to the vehicle fleet is considered a significant, non-recurring expenditure, which will increase annual service and maintenance costs in the operating budget by approximately \$1,000 per year during the three-year warranty period. After the warranty period, the annual service and maintenance costs are expected to increase to approximately \$3,000 per year.



## **DOZER TRANSPORT TRACTOR**

**Project Priority:** A

**Project Type:** New Vehicle

**Project Management:** Fleet Services Manager

**Project Description:** The dozer transport tractor is designed for hauling heavy equipment, specifically bulldozers. The addition of a tractor adds depth to the fleet for continuity of service in the event of a drawdown of committed equipment. This project is for a new dozer transport tractor in FY 2019/20.

The vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager



The age and mileage targets for dozer transport tractors are 20 years. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$216,520					\$216,520

**Impact on Operating Budget:** The addition of a dozer transport tractor to the vehicle fleet is considered a significant, non-recurring expenditure, which will increase annual service and maintenance costs in the operating budget by approximately \$1,500 per year during the three-year warranty period. After the warranty period, the annual service and maintenance costs are expected to increase to approximately \$4,300 per year.



## **DOZER TRANSPORT TRAILER**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The dozer transport trailer is designed for hauling heavy equipment, specifically bull dozers. This project is for the addition of a dozer transport trailer to the fleet in FY 2019/20 as well as the replacement of one dozer transport trailer in FY 2021/22.

Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager



The age and mileage targets for dozer transport trailers are 20 years. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2019/20 and FY 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$92,564		\$98,201			\$190,765

**Impact on Operating Budget:** The addition of a dozer transport trailer to the vehicle fleet is considered a significant, non-recurring expenditure, which will increase annual service and maintenance costs in the operating budget by approximately \$500 per year during the 3-year warranty period. After the warranty period, the annual service and maintenance costs are expected to increase to approximately \$1,900 per year. The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.



## **ENGINE – TYPE I**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The Type I engine carries hose, water, and a pump used primarily for structure fires. Most fire stations contain one or more of these units. This project is for the replacement of twenty-nine (29) Type I engines as follows: six in FY 2019/20, six in FY 2020/21, six in FY 2021/22, six in FY 2022/23, and five in FY 2023/24.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for Type I engines are 13 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur annually.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$3,983,676	\$4,103,184	\$4,226,274	\$4,353,060	\$3,736,375	\$20,402,569

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **ENGINE – TYPE III**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The Type III engine carries hose, water and a skid mounted pump giving the apparatus the capability to pump while driving. The unit's primary objective is for off-road wildland firefighting and rescue operations. These engines are smaller by design to maneuver on truck trails and rural areas. This project is for the replacement of five Type III engines in FY 2023/24.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for Type III engines are 20 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2023/24.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:					\$3,120,000	\$3,120,000

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.



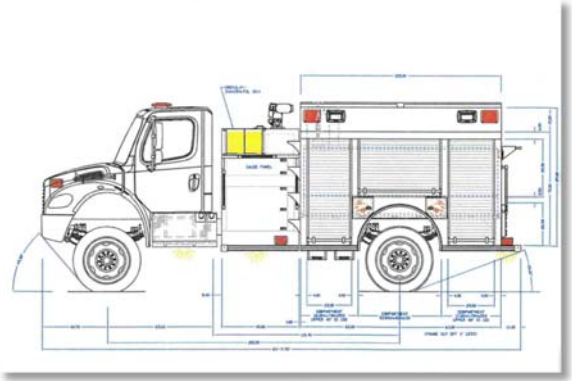
## **FOAM TENDER**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The foam tender carries 1000 gallons of class B foam and has the ability to pump raw foam to replenish an Aircraft Rescue and Firefighting (ARFF) truck on an extended incident or pump finish foam independently if needed. Used primarily for Aircraft and large fuel incidents. This project is for the replacement of one foam tender in FY 2019/20.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage target for a foam tender are 20 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$600,000					\$600,000

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **FULL-SIZE 4-DOOR VEHICLES**

**Project Priority:** A

**Project Type:** Vehicle Addition

**Project Management:** Fleet Services Manager

**Project Description:** The full-size 4-door vehicle is used by all staff Battalion Chiefs and Division Chiefs. These vehicles are frequently used in Battalion Command situations similar to BC Command Vehicles.

This project is for the addition of one full-size 4-door vehicle scheduled in FY 2019/20. The vehicle is an addition to the fleet as requested by Operations for the newly developed Division Chief position in the Command and Emergency Planning Division.



Future replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for full-size 4-door vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a replacement is made, and may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$60,475					\$60,475

**Impact on Operating Budget:** The addition of this vehicle to the fleet will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance cost will be \$2,000 per unit.



## **FULL-SIZE 4-DOOR EXECUTIVE MANAGEMENT**

**Project Priority:** A

**Project Type:** Vehicle Replacement and Addition

**Project Management:** Fleet Services Manager

**Project Description:** The full-size 4-door vehicles are used by all Executive Management, Fire Chief and Assistant Chiefs. These vehicles are frequently used in Command situations on large scale events. This project is for the replacement of six and the addition of three full-size 4-door vehicles scheduled as follows: three FY 2019/20, three FY 2021/22, and three in FY 2022/23.

The addition of three vehicles to the fleet is requested for new positions in the Executive Management level.



Future vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for full-size 4-door vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a replacement is made, and may be deferred if warranted.

**Project Status:** Purchases to occur in FYs 2019/20, 2021/22 and 2022/23.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$111,000		\$172,981	\$178,238		\$462,219

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget. Addition of two vehicles will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance costs will be \$2,500 per unit.



## **HAZARDOUS MATERIALS VEHICLE**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The Hazardous Materials vehicle's primary role is to identify and mitigating hazardous incidents that threaten the environment and the public. These vehicles carry the specialists and all the needed equipment to identify and mitigate such hazards. This project is for the replacement of two Hazardous Materials vehicles as follows: one in FY 2019/20, and one in FY 2021/22.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for Hazardous Materials vehicles are 20 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2019/20 and FY 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$1,042,973		\$1,105,577			\$2,148,550

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



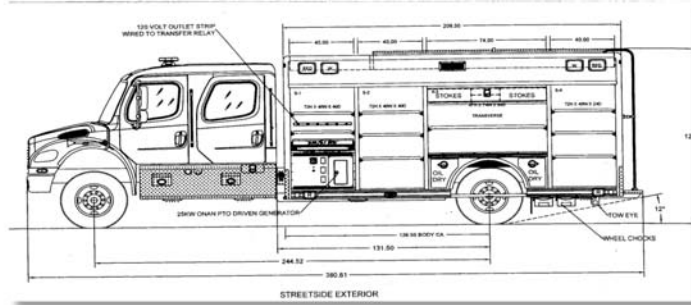
## **HAZARDOUS MATERIALS SUPPORT VEHICLE**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The Hazardous Materials Support vehicle's primary role is to support the Hazardous Materials units bringing the needed specialized equipment to the scene to assist in the mitigation of hazards. This project is for the replacement of one Hazardous Materials Support vehicle in FY 2019/20.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for Hazardous Materials Support vehicles are 20 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$415,000					\$415,000

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **HEAVY RESCUE**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The Heavy Rescue vehicle primary role is to deal with natural disasters from earthquakes, building collapse, confined space rescues, technical rescues. This vehicle carries a multitude of specialty rescue, trenching, shoring and rigging equipment. This project is for the replacement of one Heavy Rescue vehicle in FY 2019/20.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for Heavy Rescue vehicle are 20 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$835,000					\$835,000

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **PARAMEDIC SQUAD**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** This unit carries a full complement of (ALS) paramedic equipment. This project is for the replacement of five paramedic squads, two scheduled to be purchased in FY 2022/23, and three in FY 2023/24.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for paramedic squads are five years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2022/23 and FY 2023/24.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>				\$417,334	\$644,781	\$1,062,115

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **PICKUP UTILITY – ¾ TON VEHICLES**

**Project Priority:** A

**Project Type:** Vehicle Replacement and Addition

**Project Management:** Fleet Services Manager

**Project Description:** The pickup utility – ¾ ton unmarked units are used by investigations staff for the daily operations in investigations and for undercover operations when needed. This project is for the purchase of two pickup utility vehicles in FY 2019/20 – one is the replacement of an existing vehicle, and the other is a new addition to the fleet.



Increasing the fleet by one additional vehicle was the request of Operations to meet the needs of the Investigations section.

Future replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for pickup utility – ¾ ton vehicles are eight years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$96,922					\$96,922

**Impact on Operating Budget:** The addition of a vehicle will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance cost will be \$2,000 per unit. The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **SUPERINTENDENT VEHICLE**

**Project Priority:** B

**Project Type:** Vehicle Replacement/Addition

**Project Management:** Fleet Services Manager

**Project Description:** The superintendent vehicles have a multitude of uses for Crews and Equipment. The primary use is to support and supervise the hand crews with the construction fire line construction and brush clearing operations. These units are also sent out of the county to support the section on large campaign fires. This project is for the addition of one superintendent vehicle in FY 2019/20 and the replacement of one in FY 2020/21.



The addition of one extra superintendent vehicle to the fleet was requested by Operations to allow OCFA to better meet the California State mission by mitigating hazardous wildland brush conditions to save life and property

Replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for service trucks are 10 years and/or 120,000 miles. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2019/20 and FY 2020/21.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$150,000	\$154,500				\$304,500

**Impact on Operating Budget:** The addition of a vehicle will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance cost will be \$4,000 per unit. The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **TRACTOR-DRAWN AERIAL (TDA) 100' QUINT**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The 100' quint apparatus is used to provide search and rescue, roof ventilation, elevated water streams, salvage, overhaul operations, and carry all the applicable tools needed for these tasks. This apparatus also has a 100' aerial, 300-gallon water tank, and a fire pump similar to a fire engine. This project is for the replacement of one 100' quint in FY 2019/20.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for TDA - 100' Quints are 17 years and/or 120,000 miles.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$1,366,861					\$1,366,861

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.



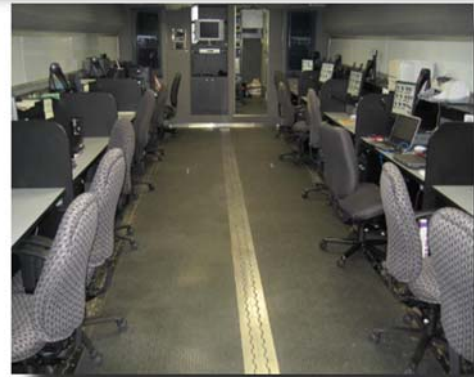
## **MOBILE 911 EMERGENCY COMMAND CENTER**

**Project Priority:** B

**Project Type:** New Vehicle

**Project Management:** Information Technology

**Project Description:** This project will fund a new Mobile Emergency Command Center (ECC) trailer and tractor to be used for 9-1-1 dispatching in emergency situations when the OCFA's ECC is unavailable. The Current OCFA Logistics and Communications Trailer (LCT) can be used for manual 9-1-1 dispatching and was put in service in 2003. It requires a physical computer cable connection to the ECC 'B' building at the RFOTC campus to enable it to receive 9-1-1 phone calls. Emergency responses are dispatched via radio. The trailer must be in close proximity (< 50 feet) to the ECC 'B' building to connect to the 9-1-1 phone system. The LCT does not have true emergency dispatch capabilities as it requires a physical connection to the RFOTC Data Center, nor can dispatchers use the OCFA CAD system that is used in the OCFA ECC.



The new Mobile ECC trailer and tractor will have fully operational versions of the OCFA Computer Assisted Dispatch (CAD) and VESTA 9-1-1 Phone Systems for up to 8 – dispatcher console positions. It is planned to have diverse connection capabilities including hard lines, wireless, microwave, satellite, 800MHz and VHF radio communications. In a natural disaster event where the RFOTC facilities are unusable, the new Mobile ECC Trailer can be moved to a parking lot or other open area to continue emergency 9-1-1 dispatch services.

The budgetary amount is a preliminary estimate and may need revision as requirements are developed. The life of the new Mobile ECC trailer and tractor is expected to be about 15 years.

**Project Status:** This project is deferred to FY 2020/21 after reprioritizing projects.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:		\$2,000,000				\$2,000,000

**Impact on Operating Budget:** Annual maintenance is likely to be minimal since the Mobile ECC trailer and tractor will be used only in emergency situations and semi-annual training drills.



**ENGINE-TYPE 1 (DEVELOPER FUNDED)****Project Priority:** A**Project Type:** New Vehicle**Project Management:** Fleet Services Manager

**Project Description:** The Type 1 engine carries hose, water, and a pump used primarily for structure fires. Most fire stations contain one or more of these units. This apparatus is the same as our replacement Type I engines; however, this apparatus is funded by a local developer including hose and other equipment. This project is for the purchase of three Type 1 engines: one in FY 2019/20 for Fire Station 67 (Rancho Mission Viejo), one in FY 2020/21 for Fire Station 52 (Irvine Business District), and one in FY 2021/22 for Fire Station 12 (Laguna Woods).

**Project Status:** Purchases to occur in FYs 2019/20, 2020/21 and 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$775,540	\$798,806	\$822,770			\$2,397,116

**Impact on Operating Budget:** The addition of a Type 1 engine to the vehicle fleet is considered a significant, non-recurring expenditure, which will increase annual service and maintenance costs in the operating budget by approximately \$3,500 per year during the five-year warranty period. After the warranty period, the annual service and maintenance costs are expected to increase to approximately \$7,000 per year.



## **PARAMEDIC SQUAD (DEVELOPER FUNDED)**

**Project Priority:** A

**Project Type:** New Vehicle

**Project Management:** Fleet Services Manager

**Project Description:** The paramedic van platform will be changing from a van to a pickup truck with a utility body. This platform change will increase storage capability while reducing vehicle cost. This unit carries a full complement of paramedic equipment. This project is for the addition of one paramedic squad that will be funded by a local developer including all the advanced life support equipment (ALS) needed for the unit to go into service. Purchase of this one paramedic squad will be made in FY 2019/20 for Fire Station 67 (Rancho Mission Viejo).



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for paramedic squads are five years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$273,033					\$273,033

**Impact on Operating Budget:** The addition of a Paramedic Squad to the vehicle fleet is considered a significant non-recurring expenditure, which will increase annual service and maintenance costs in the operating budget by approximately \$3,500 per year during the five-year warranty period. After the warranty period, the costs are expected to increase to approximately \$7,000 per year.



## **TRACTOR-DRAWN AERIAL (TDA) 100' QUINT (DEVELOPER FUNDED)**

**Project Priority:** A

**Project Type:** New Vehicle

**Project Management:** Fleet Services Manager

**Project Description:** The TDA apparatus is used to provide search and rescue, roof ventilation, elevated water streams, salvage, overhaul operations and carry all the applicable tools needed for these tasks. This apparatus also has a 100' aerial ladder, 300-gallon water tank, and a fire pump similar to a fire engine. This apparatus, including hose and other equipment, is funded by local developers. This project is for the addition of one new TDA 100' Quint in FY 2020/21 for Fire Station 67 (Rancho Mission Viejo).



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for TDA 100' Quints are 17 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2020/21.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:		\$1,827,923				\$1,827,923

**Impact on Operating Budget:** The addition of a TDA 100' Quint to the vehicle fleet is considered a significant, non-recurring expenditure, which will increase annual service and maintenance costs in the operating budget by approximately \$3,500 per year during the five-year warranty period. After the warranty period, the costs are expected to increase to approximately \$7,000 per year.



## **MID-SIZE 4-DOOR VEHICLES**

**Project Priority:** A

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** The mid-size 4-door vehicles are used by management and supervisory staff in a variety of support staff positions that need the versatility of a 4-door vehicle to complete their specific assignments and support the operations of their specific sections. This project is for the replacement of one mid-size 4-door vehicle in FY 2019/20.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for mid-size 4-door vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchase to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
<b>Budget:</b>	\$39,964					\$39,964

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.



## **MID-SIZE PICKUP-1/2 TON VEHICLES**

**Project Priority:** B

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** These vehicles are primarily used by the Fire Prevention, Property Management, and Community Education Departments to conduct off-site inspections and conduct education. This project is for the replacement of twenty (20) mid-size pickup-1/2-ton vehicles as follows: six in FY 2019/20, six in FY 2020/21, three in FY 2021/22, three in FY 2022/23 and two in FY 2023/24.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for mid-size pickup-1/2 ton vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur annually.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$210,318	\$216,624	\$116,976	\$120,477	\$82,744	\$747,139

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **PASSENGER VAN**

**Project Priority:** B

**Project Type:** Vehicle Addition

**Project Management:** Fleet Services Manager

**Project Description:** These vehicles are available in the OCFA pool fleet for general use. These are used for transporting larger groups of staff for off-site classes and training events, and for switching out fire crews on extended incidents as needed.

The addition of these (2) two vehicles to the pool fleet was requested by Operations, and will allow the movement of larger groups of staff in a single vehicle.

Future replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for these passenger vans vehicles are ten years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a replacement purchase is made, and may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2019/20.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:	\$100,000					\$100,000

**Impact on Operating Budget:** The addition of two vehicles to the fleet will increase maintenance costs in the operating budget. Once off warranty, the annual estimated maintenance cost will be \$1,300 per unit.





## **SERVICE TRUCK - LIGHT VEHICLE**

**Project Priority:** B

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** Service trucks – light vehicles are used for field service throughout the department for both heavy and light apparatus in the fleet for fleet services and communication services. These units are also sent out of county if technicians are requested on large campaign fires. This project is for the replacement of two service trucks - in FY 2023/24.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for service truck - light vehicles are 10 years and/or 120,000 miles. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2023/24.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:					\$220,000	\$220,000

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.



## **STEP VANS**

**Project Priority:** B

**Project Type:** Vehicle Replacement

**Project Management:** Fleet Services Manager

**Project Description:** These vehicles are used by the Material Management section for the interdepartmental mail delivery and pick-up. Project costs include the replacement of four step vans with new step vans, two in FY 2020/21 and two in FY 2021/22.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for step vans are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

**Project Status:** Purchases to occur in FY 2020/21 and FY 2021/22.

<b>Fiscal Years:</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>Total</b>
Budget:		\$116,000	\$120,000			\$236,000

**Impact on Operating Budget:** The replacement of older vehicles with high mileage reduces downtime and maintenance costs in the operating budget.











## OCFA -- MASTER POSITION CONTROL LIST

Changes for FY 2019/20 Budget

Position to Unfreeze:	Reclassify to:	Assignment:	Number:
AFTO Fire Captain	--	EMS	1
Administrative Fire Captain	--	Operations Division 1	1
Fire Communications Dispatcher – Limited Term	Fire Communications Dispatcher	Emergency Command Center	1
Fire Communications Supervisor – Limited Term	Fire Communications Dispatcher	Emergency Command Center	1
Management Analyst	--	Logistics	1
Total Positions Unfrozen			5

Position(s) to Add:	Assignment:	Number:
Battalion Chief(s)	Operations	3
Firefighter/Paramedic(s)	Operations	45
Fire Apparatus Engineer(s)	Operations	21
Fire Captain(s)	Operations	21
EMS Nurse Educator II	Emergency Medical Services	1
EMS Nurse Educator Supervisor	Emergency Medical Services	1
Fire Communications Dispatcher(s)	Emergency Command Center	2
Administrative Assistant	Special Ops – Investigations	1
Day Investigator Fire Captain	Special Ops – Investigations	1
Sr. Fire Prevention Specialist	Community Risk Reduction	1
Fire Prevention Specialist(s)	Community Risk Reduction	4
Assistant Fire Marshall	Community Risk Reduction	1
Office Services Specialist	Community Risk Reduction	1
Fire Comm. Relations/Education Specialist	Community Risk Reduction	1
Facilities Maintenance Coordinator	Logistics	1
Fire Equipment Technician	Logistics	1
Fire Delivery Driver	Logistics	1
Senior Fire Apparatus Technician	Logistics	1
Fire Apparatus Technician	Logistics	1
Communications Installer	Logistics	1
GIS Technician(s)	Logistics	2
Information Technology Analyst	Logistics	1
I.T. Help-Desk Technician(s)	Logistics	3
Buyer	Business Services	1
Administrative Assistant	Business Services	1
Sr. Accounting Support Specialist	Business Services	1
Human Resources Analyst II	Human Resources	1
Administrative Assistant	Human Resources	1
Diversity & Inclusion Coordinator	Human Resources	1
Total Added Positions		122



# **OCFA's FY 2019/20 Proposed Budget**

**Board of Directors  
May 23, 2019**

Orange County Fire Authority





# **Areas for Review**

- **Proposed 2019/20 General Fund Budget**
- **Proposed Five-Year Capital Improvement Program**
- **Updated Five-Year Financial Forecast**
- **Progress Update - Pension Paydown Plan**





# Multiple Budget Reviews

**Executive Management**

**2/19 & 3/13**

**CIP Ad Hoc Committee Review**

**4/10**

- Directors Hasselbrink, Hernandez, Muller, Steggell

**City Manager Budget & Finance Committee**

**4/15**

- City Managers Cervantez, Denny, Manfro, Wilberg

**Labor Groups**

**4/22**

- OCEA, OCFAMA, COA, OCPFA

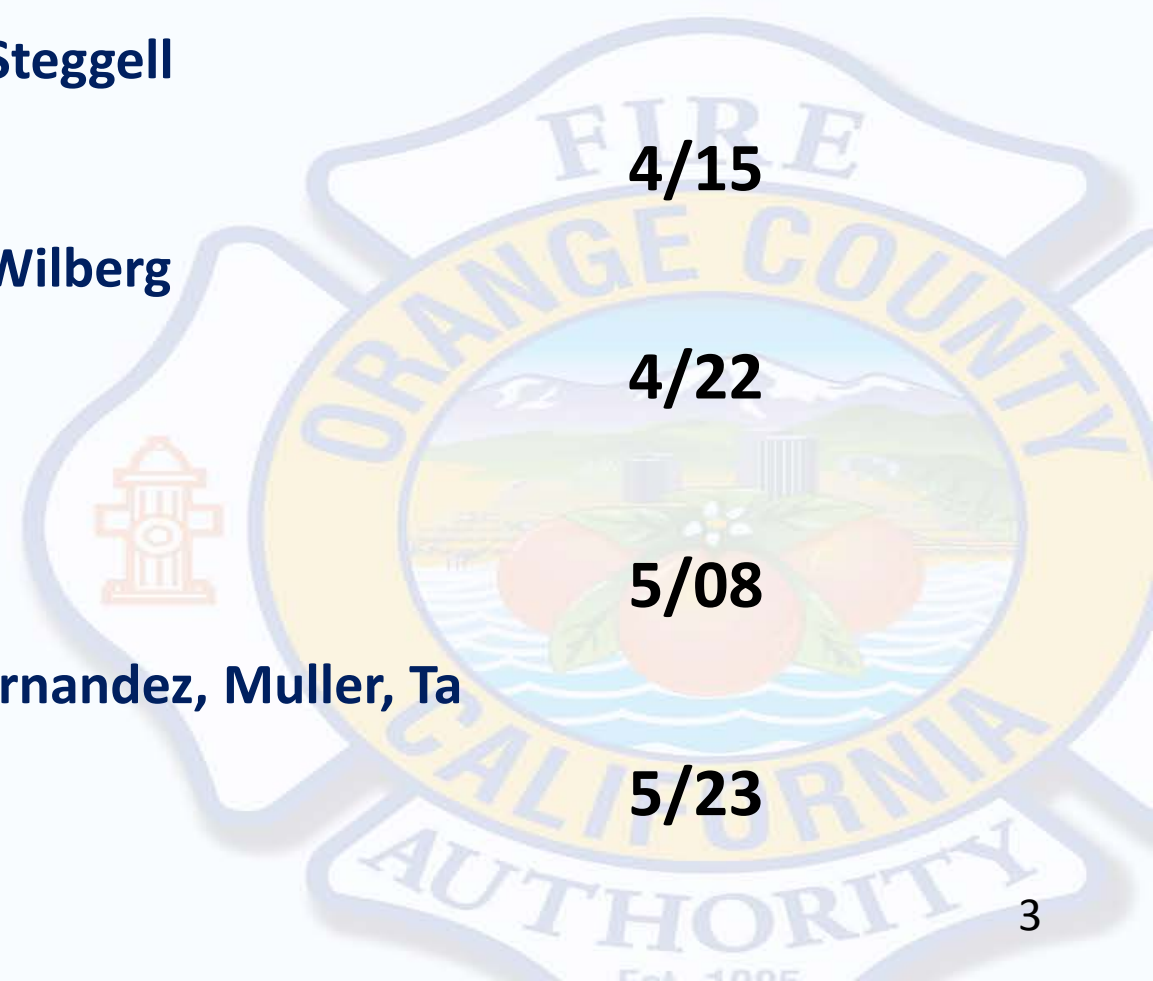
**OCFA Budget & Finance Committee**

**5/08**

- Directors Hasselbrink, Sedgwick, Farias, Hernandez, Muller, Ta

**OCFA Board of Directors**

**5/23**





# **General Fund Overview**

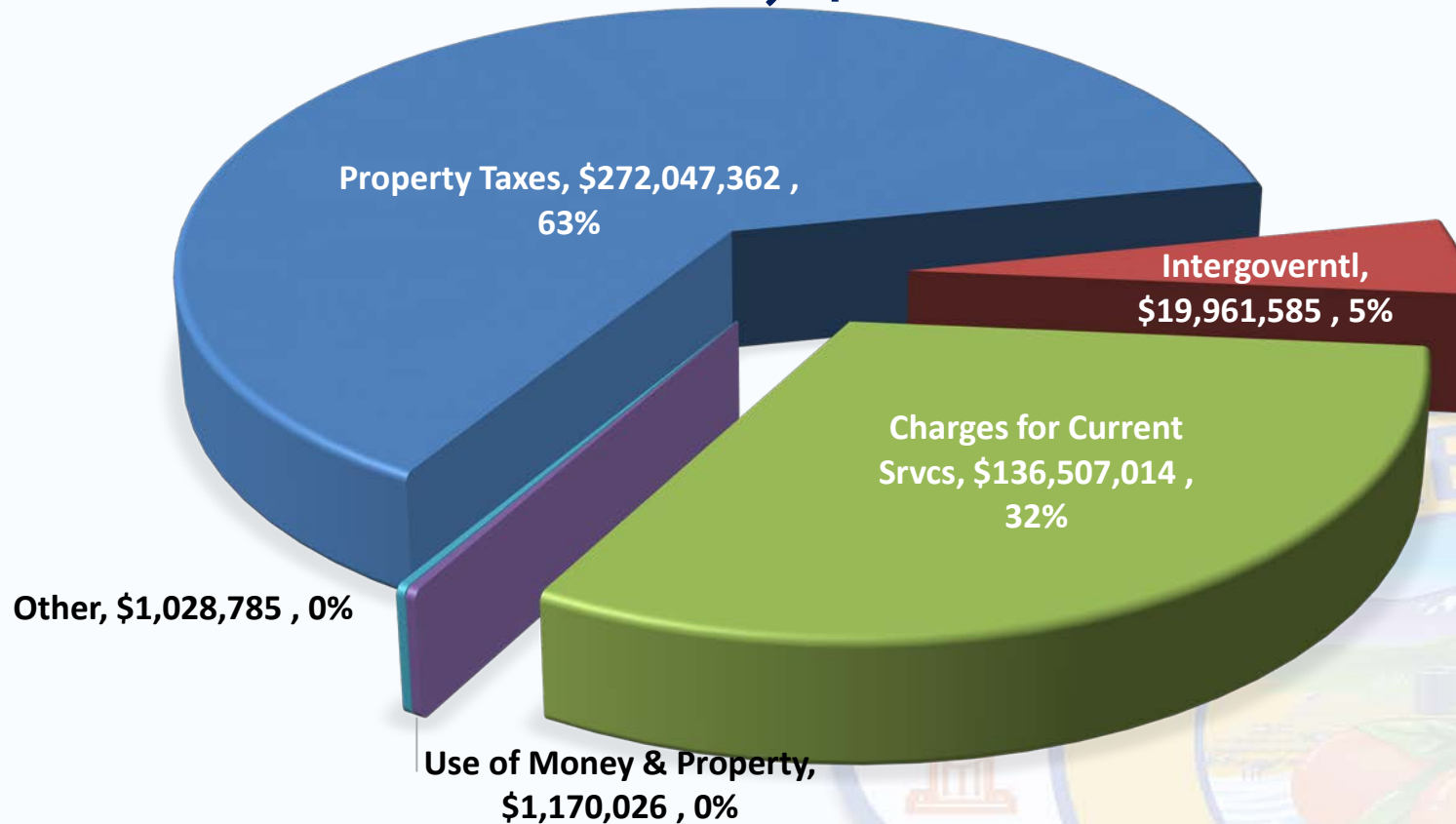
- **Ongoing Revenues** are projected at \$430.7 million, a 9.21% increase over FY 2018/19
- **Ongoing Expenditures** are projected at \$407.2 million, a 9.60% increase over FY 2018/19
  - Total expenditures including one-time grant-projects, accelerated pension paydown, transfer to Irvine settlement agreement fund and the contingency reserve are \$429 million

***Overall, revenues are exceeding expenditures and required transfers by \$1.5 million for FY 2019/20***



# General Fund Revenue

**9.21% Growth, \$430.7M**



## Revenue Increases

- **Property Taxes = 4.49%, \$11.7M**
- **Charges for Services (Cash Contracts, JWA, CRR Fees) = 21.9%, \$24.5M**



# General Fund Revenue

## Property Tax Projections

- Secured property taxes are projected to grow as follows:

– 2019/20	4.75%
– 2020/21	4.21%
– 2021/22	3.49%
– 2022/23	3.14%
– 2023/24	8.12%

*Average growth rate of 4.7%  
for the next five years*

- For comparison, the past 5 years actual growth has been:

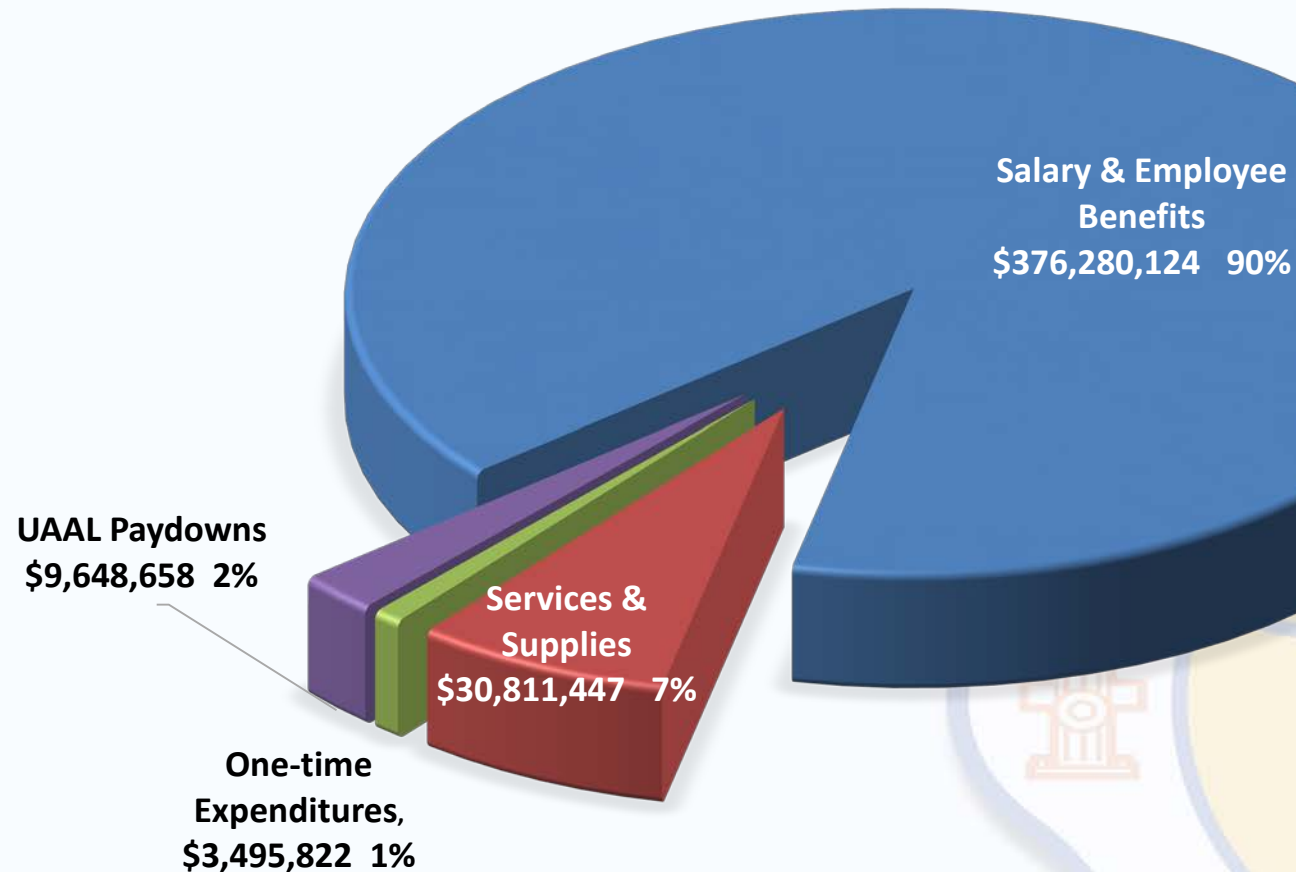
– 2014/15	7.15%
– 2015/16	7.74%
– 2016/17	6.00%
– 2017/18	6.58%
– 2018/19	6.43%

*Average growth rate of 6.78%  
for the last five years*



# General Fund Expenditures

**9.6% Growth, \$407.2M (ongoing expenditures)**



## Expenditure Increases

- Salary & Employee Benefits (S&EB) = 10.5%, \$36M



# General Fund Expenditures

## Firefighter Unit – Salary & Benefit Changes

- 1.25% COLA in Sept. 2019 offset by a 0.54% increase in employees' (EE) retirement contribution
- EE retirement contributions increase from 19.99% to 20.53%, NTE each EEs individual rate based on age of entry, which ranges from 15.01% to 21.33% for 3@50 members *(PEPRA EEs already pay full share)*

## Fire Management Unit – Salary & Benefit Changes

- 2.16% COLA in July 2019 offset by a 0.93% increase in the EEs retirement contribution
- EE retirement contributions increase from 19.29% to 20.22%, NTE each EEs individual rate based on age of entry, which ranges from 15.01% to 21.33% for 3@50 members *(PEPRA EEs already pay full share)*

## OCEA, OCFAMA – Salary & Benefit Changes per MOU

- 2% COLA in August 2019
- These EEs already pay their full retirement contributions, ranging from 10.06% to 16.61% based on age of entry for 2.7@55 members



# **General Fund Expenditures**

- The proposed budget seeks to fund 16 new positions (unrelated to the Garden Grove transition), 15 of which are funded by Structural Fire Fund property taxes:
  - 1 Nurse Educator Supervisor
  - 12 Safety employees to provide constant staffing for the Heavy Rescue Truck
  - 3 Firefighter/Paramedics to convert a Paramedic Assessment Engine in Yorba Linda (E53) to an Advanced Life Support Engine
- The proposed budget also seeks to convert outsourced Information Technology work to in-house (7 employees) by transferring funds from Services & Supplies to Salary & Employee Benefits:
  - 1 Communications installer
  - 2 GIS Technicians
  - 1 IT Analyst
  - 3 Help-desk technicians



# **General Fund Expenditures**

## **Additional Garden Grove Transition Positions and Overall OCFA Augmented Support Positions (104 total):**

**3 Battalion Chiefs  
36 Firefighter/Paramedic  
18 Fire Apparatus Engineers  
18 Fire Captains  
1 Admin. Captain – Div 1  
1 Nurse Educator  
1 Training Captain  
1 Investigator  
4 Dispatchers**

**1 Sr. Fire Prev. Specialist  
4 Fire Prev. Specialists  
1 Assistant Fire Marshal  
1 Sr. Accounting Support Specialist  
1 Community Educator  
1 Facilities Maintenance Coord.  
1 Sr. Fire Apparatus Technician  
1 Fire Apparatus Technician**

**1 Fire Equipment Technician  
1 Fire Delivery Driver  
1 Office Services Specialist  
1 Diversity & Inclusion Officer  
1 Human Resources Analyst II  
1 Management Analyst  
1 Buyer  
3 Administrative Assistants**

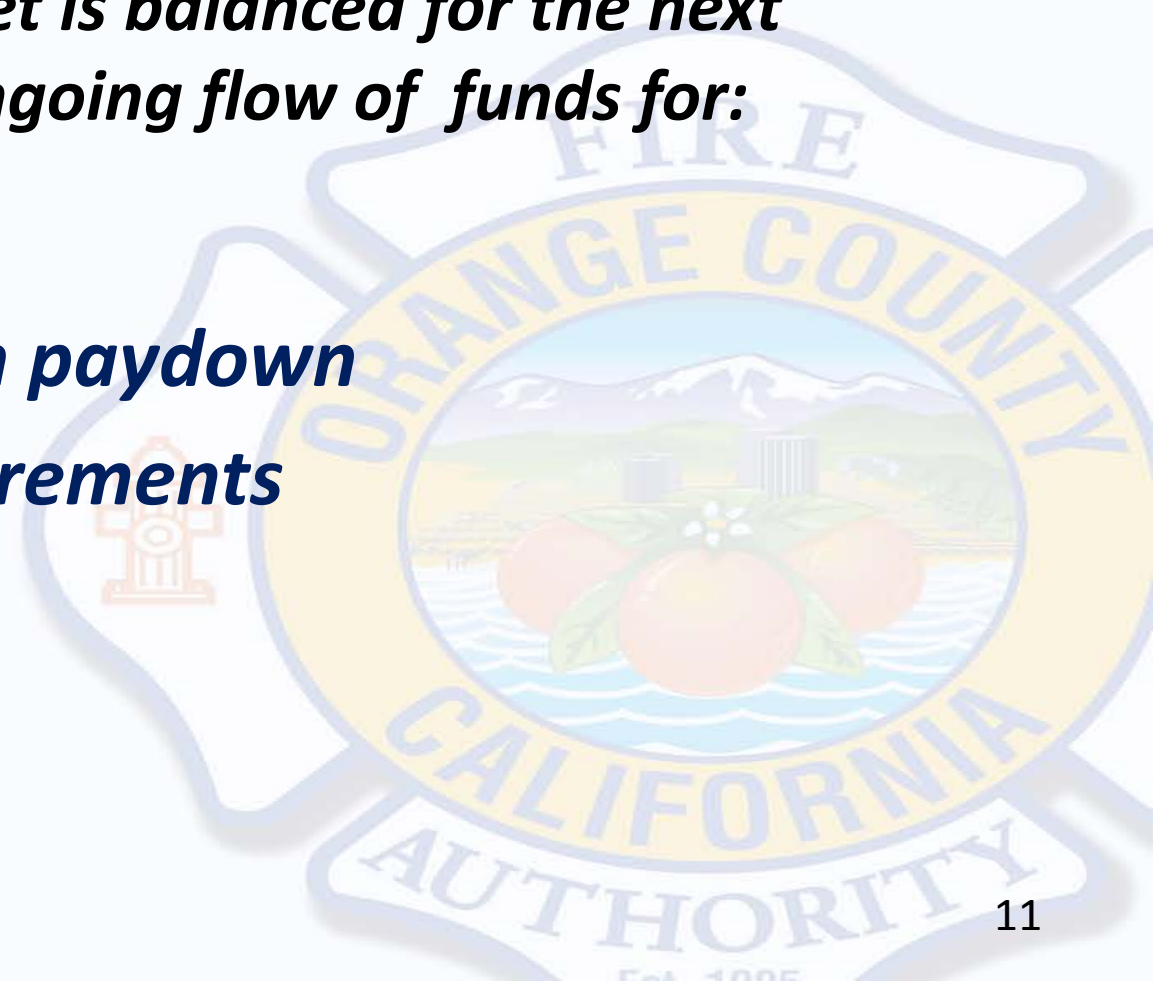




# General Fund Summary

*Overall, FY 2019/20 revenues exceed expenditures by \$1.5 million, the proposed General Fund budget is balanced for the next 5 years, and it is providing an ongoing flow of funds for:*

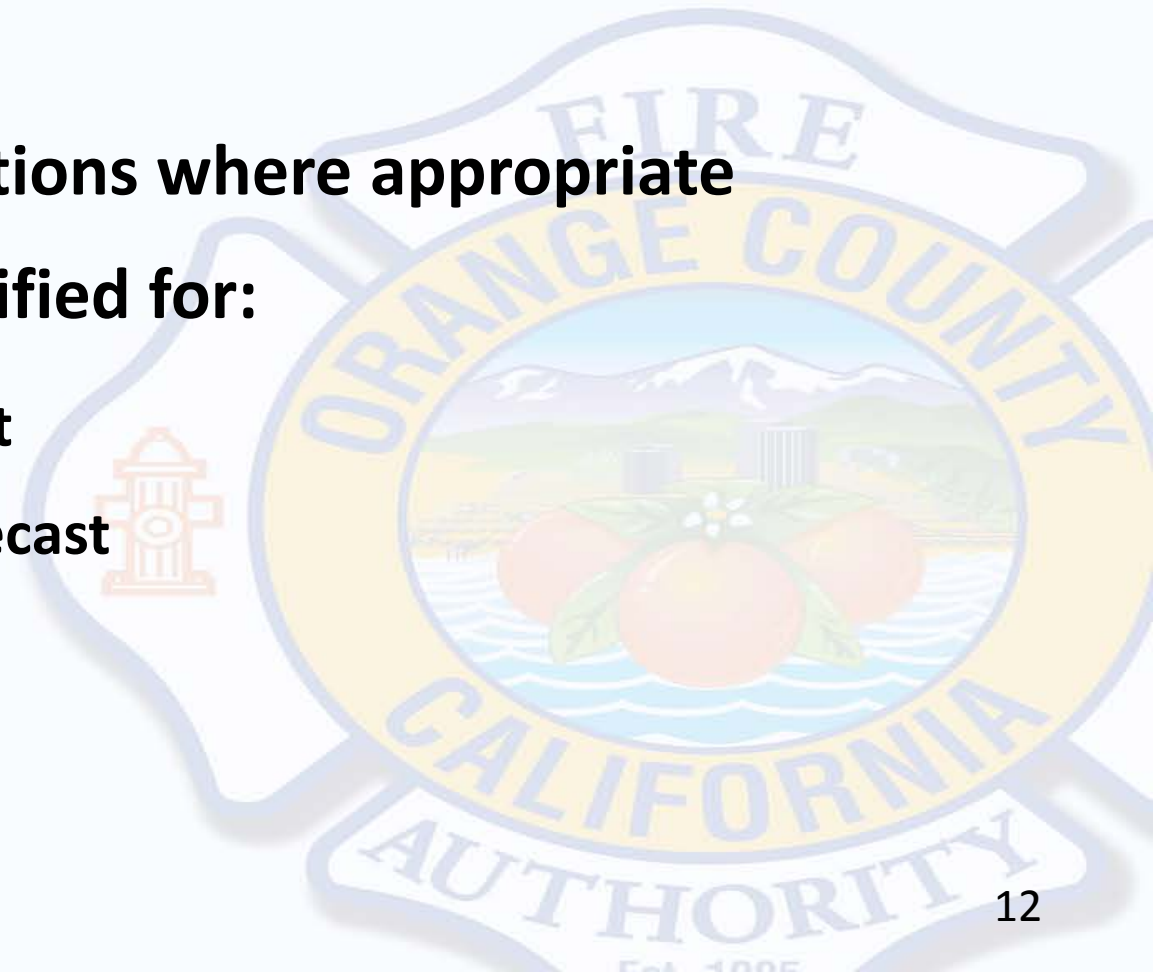
- *capital needs*
- *accelerated pension paydown*
- *reserve policy requirements*





# **CIP Planning Process**

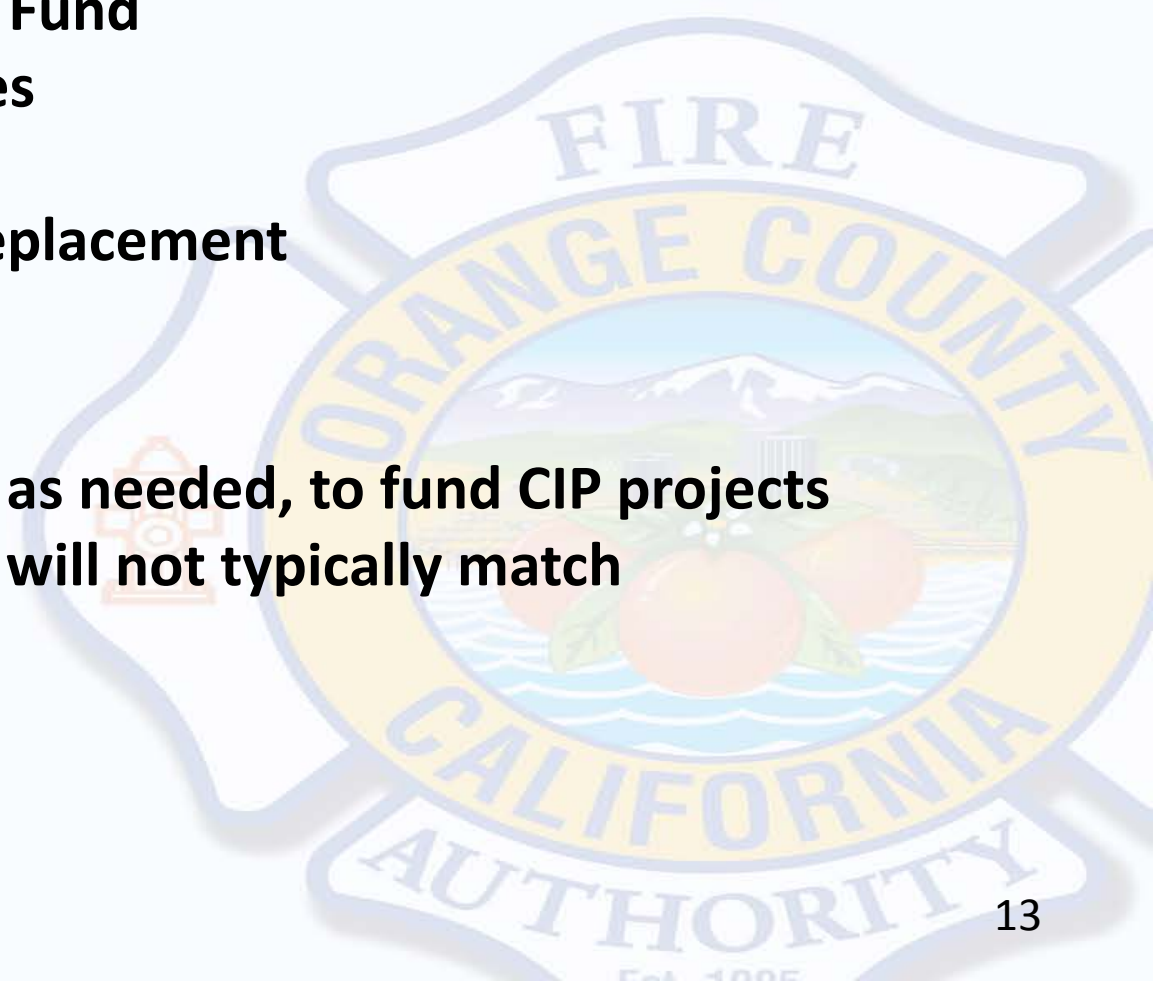
- Each year, all known CIP projects are identified for the next 5 years
- Project plans are refreshed annually
- Price escalators are built into projections where appropriate
- Associated operating costs are identified for:
  - Inclusion in General Fund budget
  - Inclusion in 5-Year Financial Forecast





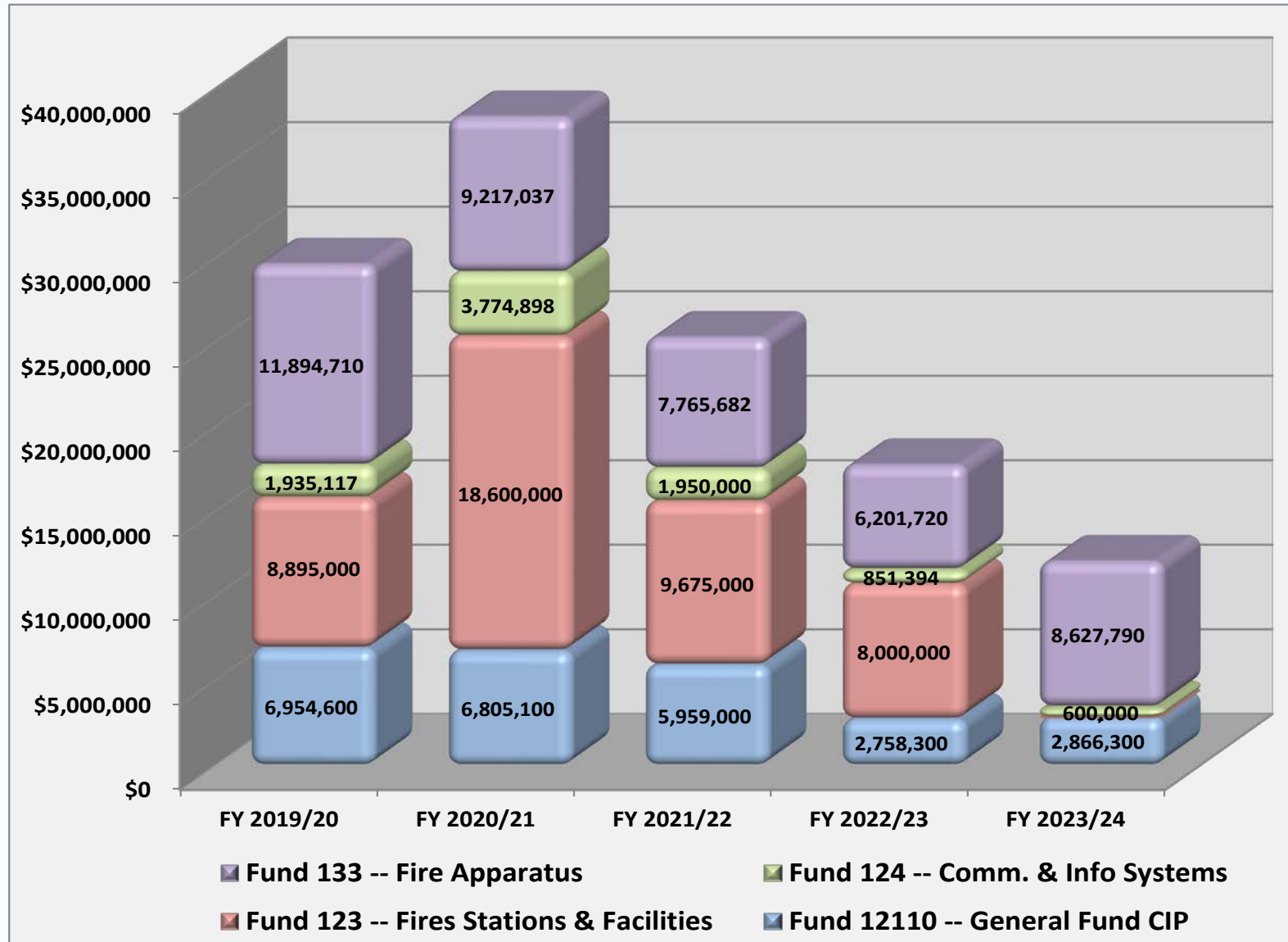
# CIP Funding

- **CIP funding sources:**
  - Operating transfers from the General Fund
  - Interest earnings on CIP Fund balances
  - Developer contributions
  - Cash contract payments for vehicle replacement
- **CIP funding goals:**
  - Accumulate capital reserve balances, as needed, to fund CIP projects
  - Timing of CIP revenues and expenses will not typically match





# 5-Year CIP Overview





# Five-Year Financial Forecast

## 0% increased salaries after MOU expirations

	<i>Year 1</i> FY 2019/20	<i>Year 2</i> FY 2020/21	<i>Year 3</i> FY 2021/22	<i>Year 4</i> FY 2022/23	<i>Year 5</i> FY 2023/24
Beginning Fund Balance	186,181,457	175,234,905	172,110,116	186,994,637	196,859,527
General Fund Revenues	430,714,772	450,286,168	466,888,071	482,417,725	505,976,047
General Fund Expenditures	414,879,393	416,774,237	428,630,775	438,649,110	445,904,115
Paydown of UAAL	9,648,658	12,368,859	14,279,280	17,787,217	20,772,547
Total General Fund Expenditures	424,528,051	429,143,096	442,910,055	456,436,327	466,676,662
Net General Fund Revenue	6,186,721	21,143,073	23,978,017	25,981,399	39,299,385
Less Incremental Increase in 10% GF Op. Cont.	4,681,860	339,484	1,185,654	1,268,634	725,501
<b>General Fund Surplus / (Deficit)</b>	<b>1,504,861</b>	<b>20,803,588</b>	<b>22,792,363</b>	<b>24,712,765</b>	<b>38,573,885</b>
Operating Transfer to CIP Funds	1,504,861	20,803,588	22,792,363	12,356,383	19,286,942
Paydown of UAAL from General Fund Surplus	-	-	-	12,356,383	19,286,942
CIP/Other Revenues	28,650,060	48,146,715	53,452,046	42,113,497	49,213,462
CIP/Other Expenses	44,278,472	51,610,988	39,753,179	33,517,241	29,225,728
CIP Surplus / (Deficit)	(15,628,412)	(3,464,273)	13,698,867	8,596,256	19,987,734
Ending Fund Balance	175,234,905	172,110,116	186,994,637	196,859,527	217,572,761



# Five-Year Financial Forecast

## 1% increased salaries after MOU expirations

	<i>Year 1</i> FY 2019/20	<i>Year 2</i> FY 2020/21	<i>Year 3</i> FY 2021/22	<i>Year 4</i> FY 2022/23	<i>Year 5</i> FY 2023/24
Beginning Fund Balance	186,181,457	175,234,905	169,288,856	178,263,710	190,958,344
General Fund Revenues	430,714,772	450,288,478	466,895,199	482,430,365	505,994,725
General Fund Expenditures	414,879,393	419,563,183	434,408,123	448,008,152	458,879,821
Paydown of UAAL	9,648,658	12,368,859	14,279,280	17,787,217	20,772,547
Total General Fund Expenditures	424,528,051	431,932,042	448,687,403	465,795,369	479,652,368
Net General Fund Revenue	6,186,721	18,356,436	18,207,796	16,634,997	26,342,357
Less Incremental Increase in 10% GF Op. Cont.	4,681,860	618,379	1,484,494	1,626,803	1,087,167
<b>General Fund Surplus / (Deficit)</b>	<b>1,504,861</b>	<b>17,738,057</b>	<b>16,723,302</b>	<b>15,008,194</b>	<b>25,255,190</b>
Operating Transfer to CIP Funds	1,504,861	17,738,057	16,723,302	15,008,194	16,770,983
Paydown of UAAL from General Fund Surplus	-	-	-	-	8,484,207
CIP/Other Revenues	28,650,060	45,046,560	47,243,538	44,585,072	46,516,896
CIP/Other Expenses	44,278,472	51,610,988	39,753,179	33,517,241	29,225,728
CIP Surplus / (Deficit)	(15,628,412)	(6,564,428)	7,490,360	11,067,831	17,291,168
Ending Fund Balance	175,234,905	169,288,856	178,263,710	190,958,344	209,336,679



# Five-Year Financial Forecast

## 2% increased salaries after MOU expirations

	<i>Year 1</i> FY 2019/20	<i>Year 2</i> FY 2020/21	<i>Year 3</i> FY 2021/22	<i>Year 4</i> FY 2022/23	<i>Year 5</i> FY 2023/24
Beginning Fund Balance	186,181,457	175,234,905	166,463,658	169,461,798	172,288,473
General Fund Revenues	430,714,772	450,290,792	466,902,385	482,443,222	506,013,898
General Fund Expenditures	414,879,393	422,356,021	440,251,660	457,561,448	472,251,303
Paydown of UAAL	9,648,658	12,368,859	14,279,280	17,787,217	20,772,547
Total General Fund Expenditures	424,528,051	434,724,880	454,530,941	475,348,665	493,023,850
Net General Fund Revenue	6,186,721	15,565,912	12,371,445	7,094,558	12,990,048
Less Incremental Increase in 10% GF Op. Cont.	4,681,860	897,663	1,789,564	1,997,779	1,468,985
<b>General Fund Surplus / (Deficit)</b>	<b>1,504,861</b>	<b>14,668,249</b>	<b>10,581,881</b>	<b>5,096,779</b>	<b>11,521,063</b>
Operating Transfer to CIP Funds	1,504,861	14,668,249	10,581,881	5,096,779	11,521,063
Paydown of UAAL from General Fund Surplus	-	-	-	-	-
CIP/Other Revenues	28,650,060	41,942,078	40,961,755	34,346,139	40,758,530
CIP/Other Expenses	44,278,472	51,610,988	39,753,179	33,517,241	29,225,728
CIP Surplus / (Deficit)	(15,628,412)	(9,668,910)	1,208,576	828,897	11,532,802
Ending Fund Balance	175,234,905	166,463,658	169,461,798	172,288,473	185,290,261



# **Pension Paydown Plan**

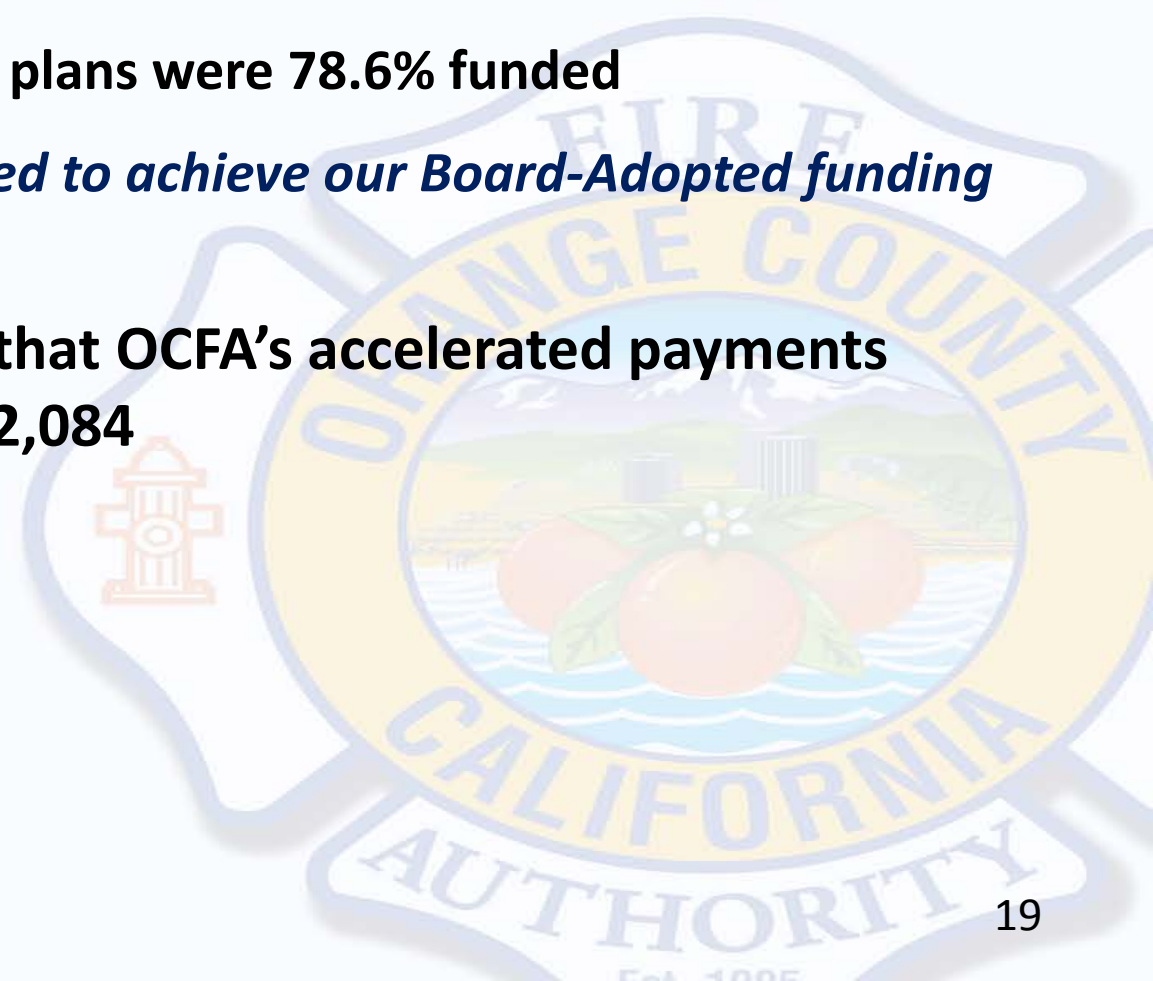
- In September 2013, the Board of Directors adopted OCFA's Accelerated Pension Paydown Plan (*"the Snowball Plan"*):
  - At that time, OCFA's unfunded pension liability was \$473.8M
  - Our original Plan called for voluntary payments totaling \$34.5M during the first 6 years that have lapsed since Plan adoption
  - Our actual voluntary payments during these 6 years have totaled \$94.5M

***OCFA has exceeded the original Plan targets by \$60.0M in 6 years***



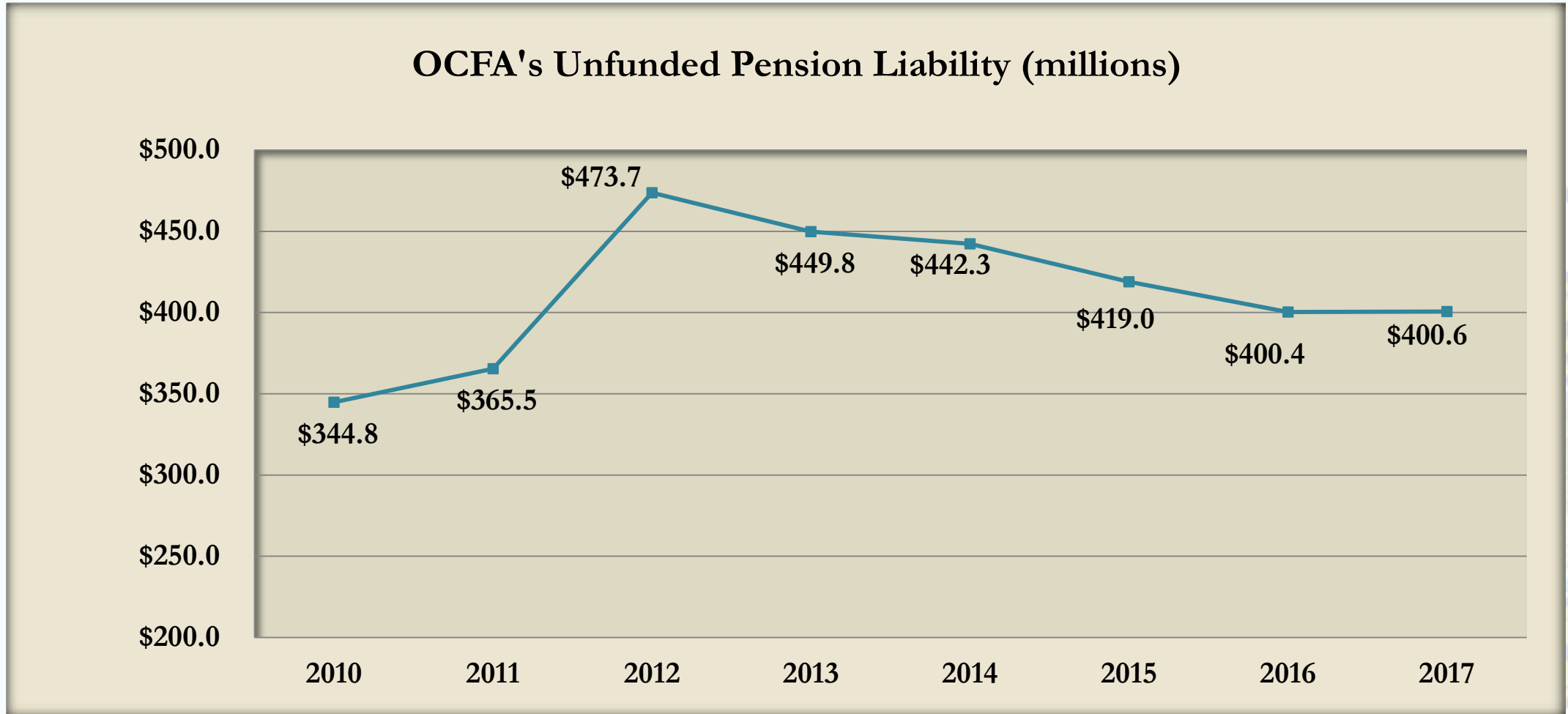
# Pension Paydown Plan

- The December 2017 Actuarial Study indicated:
  - OCFA's unfunded pension liability had been reduced to \$400.6M
  - OCFA's combined Safety & General pension plans were 78.6% funded
  - *OCFA's accelerated payments were estimated to achieve our Board-Adopted funding goal of 85% by December 2020*
- OCERS' actuary, The Segal Company, indicated that OCFA's accelerated payments have produced interest savings totaling \$18,332,084
  - 2014 = \$1,337,082
  - 2015 = \$2,565,428
  - 2016 = \$3,781,337
  - 2017 = \$4,625,500
  - 2018 = \$6,022,737



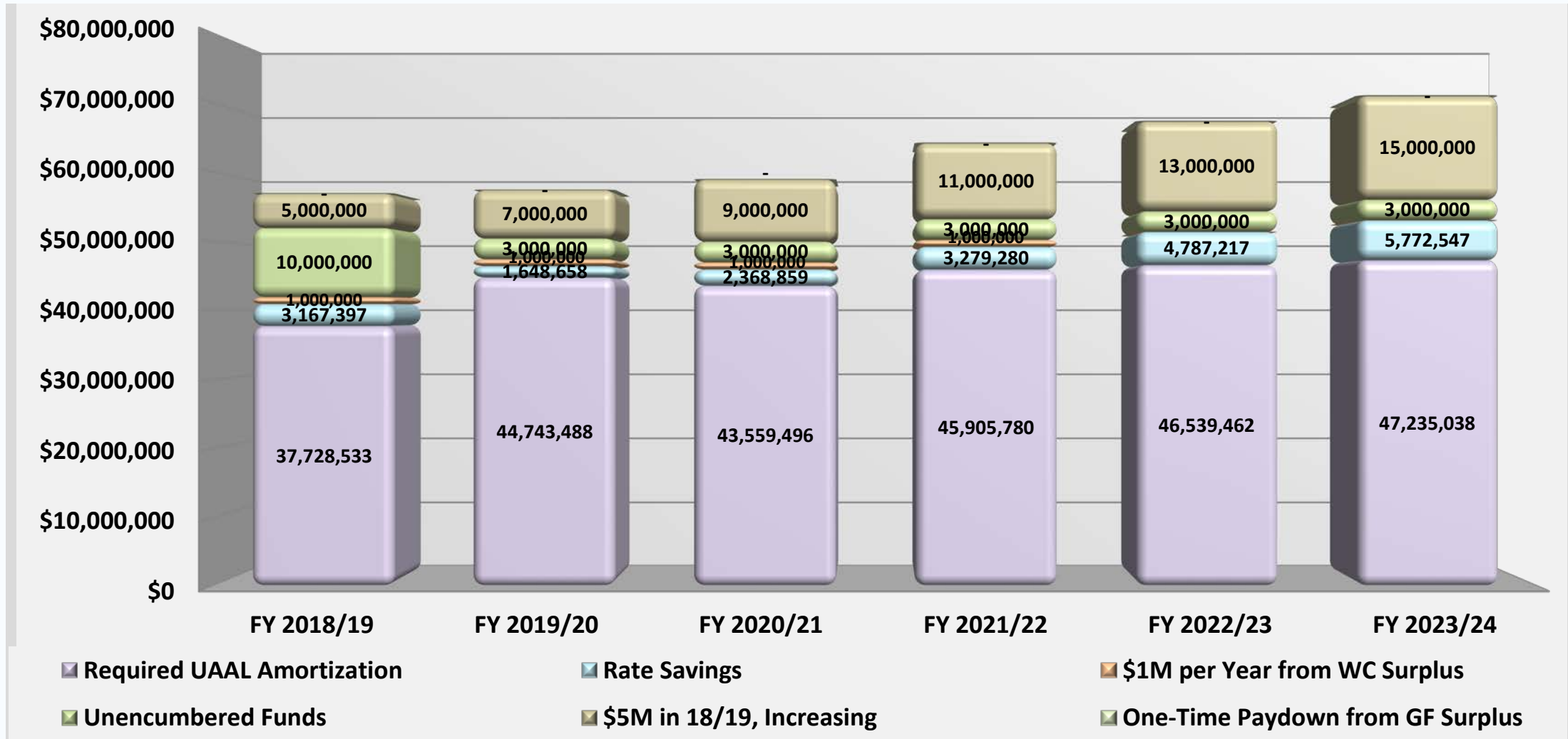


# Pension Paydown Plan





# Pension Paydown Plan



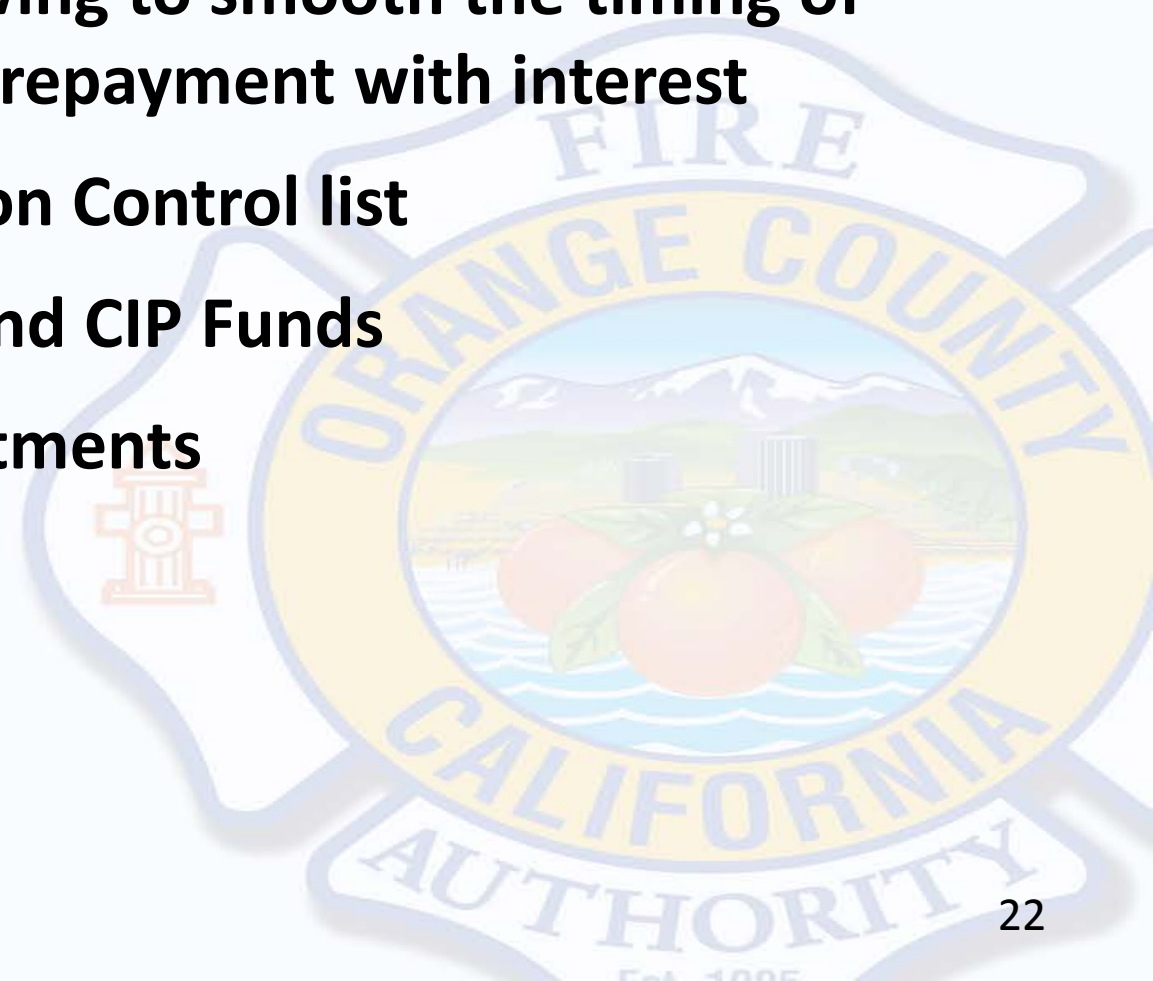
Total required payments above = \$265.7M and accelerated payments = \$109.0M

***Total payments = \$374.7M or 93.5% of OCFA's total UAAL***



# **Key Actions Requested for Approval**

- **Adopt the proposed FY 2019/20 Budget**
- **Authorize temporary interfund borrowing to smooth the timing of General Fund cashflow, and authorize repayment with interest**
- **Approve changes to the Master Position Control list**
- **Authorize transfers from/to General and CIP Funds**
- **Authorize final year-end budget adjustments**







**Orange County Fire Authority**  
**AGENDA STAFF REPORT**

**Board of Directors Meeting**  
**May 23, 2019**

**Agenda Item No. 5A**  
**Discussion Calendar**

**Second Amendment to Fire Chief Employment Agreement  
and Resolution Approving Non-Base Building Merit Increase**

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**Contact(s) for Further Information**

Lori Zeller, Deputy Chief  
Administration and Support Bureau

[lorizeller@ocfa.org](mailto:lorizeller@ocfa.org)

714.573.6020

**Summary**

This agenda item is submitted to request approval of an amendment to the Fire Chief's employment agreement and approval of a Resolution to approve a non-base building merit increase as authorized in the Fire Chief's existing employment agreement.

**Prior Board/Committee Action**

Not Applicable.

**RECOMMENDED ACTION(S)**

Following the Closed Session negotiation of amendment terms:

1. Approve and authorize the Board Chair to execute the proposed Second Amendment to the Fire Chief's employment agreement.
2. Approve and adopt the proposed Resolution entitled A RESOLUTION OF THE ORANGE COUNTY FIRE AUTHORITY BOARD OF DIRECTORS APPROVING A NON-BASE BUILDING MERIT INCREASE FOR FIRE CHIEF BRIAN FENNESSY.

**Impact to Cities/County**

Not Applicable.

**Fiscal Impact**

The Fire Chief Employment Agreement is funded by appropriations in the FY 2018/19 budget for salaries and benefits for the Fire Chief position.

**Background**

On April 16, 2018, Brian Fennessy was appointed the Authority's Fire Chief and an initial employment agreement was approved by the Board (Attachment 1). On July 26, 2018, the Board approved Amendment No. 1 to the Fire Chief's employment agreement (Attachment 2). Amendment No. 2 to the Fire Chief's employment agreement will be circulated after the conclusion of Closed Session negotiations, which will take place prior to the consideration of this item.

Pursuant to the Fire Chief's employment agreement approved on April 16, 2018, after completion of Fire Chief's first full year of service, the Fire Chief will receive a non-base building merit increase of \$20,000, which must be approved by a Resolution of the Board. The Fire Chief's first year of service concluded on April 16, 2019. The attached proposed Board Resolution (Attachment 4) would approve the non-base building merit increase in the Fire Chief's approved employment agreement.



**Attachment(s)**

1. Fire Chief Employment Agreement (Posted on-line at OCFA.org)
2. First Amendment to Employment Agreement (Posted on-line at OCFA.org)
3. Proposed Second Amendment to the Employment Agreement (to be circulated after Closed Session negotiations conclude)
4. Proposed Resolution



**AGREEMENT BETWEEN  
ORANGE COUNTY FIRE AUTHORITY  
AND  
BRIAN FENNESSY  
FOR EMPLOYMENT AS FIRE CHIEF**

THIS EMPLOYMENT AGREEMENT (the "Agreement") is made, entered into, and effective this 16<sup>th</sup> day of April 2018 ("Effective Date"), by and between the Orange County Fire Authority ("OCFA"), a California Joint Powers Authority and Brian Fennessy, an individual (hereinafter referred to as "Fire Chief"). OCFA and Fire Chief are sometimes hereinafter individually referred to as "party" and are hereinafter collectively referred to as the "parties."

**RECITALS**

WHEREAS, OCFA desires to appoint Brian Fennessy as its Fire Chief effective April 16, 2018; and

WHEREAS, Brian Fennessy, by virtue of his training, education, and experience, is fully qualified to fill the position and desires to serve as OCFA's Fire Chief; and

WHEREAS OCFA and Brian Fennessy therefore desire to enter into this Agreement to specify the terms and conditions of Fire Chief's employment with the OCFA.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein and other good and valuable consideration, receipt of which is hereby acknowledged, the parties agree as follows:

**AGREEMENT**

Section 1: Term

- A. Brian Fennessy's date of appointment as Fire Chief shall be April 16, 2018. Fire Chief shall serve at the sole pleasure of OCFA. OCFA, acting through the Board of Directors, may terminate Fire Chief's employment at any time and without cause or reason by giving him written notice of that termination at least thirty (30) days in advance of the date of termination. Subject to OCFA's right to terminate Fire Chief's at-will employment at any time with or without cause, the Term of this Agreement is two years from the Effective Date, and shall automatically be extended for one additional twelve month period on each annual anniversary of the Effective Date of the Agreement (commencing with April 16, 2019), unless OCFA notifies Fire Chief of its intent not to extend the Agreement at least seven (7) months prior to expiration of the original Term or any subsequent automatic extensions of the Term.



- B. Fire Chief may resign from his employment at any time upon thirty (30) days written notice to the Board of Directors; provided, however, that notice shall not be required in the event Fire Chief resigns pursuant to a request for resignation by the Board of Directors.

Section 2: General Duties

Fire Chief shall perform the duties of Fire Chief as set forth in the job description for the position and in compliance with all applicable state and federal laws. Fire Chief shall also perform such other functions and duties, not inconsistent with the terms of this Agreement, as the OCFA, by and through its Board of Directors, may legally assign.

Section 3: Devotion to OCFA Business and Hours of Work

- A. Brian Fennessy's position as Fire Chief is considered a full-time position. Fire Chief shall devote his time, ability, and attention to the business of OCFA during the term of this Agreement.
- B. Fire Chief shall not engage in any other business, educational, or professional pursuits whatsoever, or directly or indirectly render any service of a business, commercial, or professional nature to any other person or organization, whether for compensation or otherwise, without the prior consent of the Board of Directors. However, the expenditure of reasonable amounts of time for educational, charitable, or personal, activities shall not be deemed a breach of this Agreement if those activities do not conflict or interfere with the professional services required under this Agreement; such limited activities shall not require the prior consent of the Board of Directors.
- C. Nothing in this Agreement prohibits Fire Chief from making passive personal investments or conducting private business affairs if those activities are not deemed to be a conflict of interest under local, state or Federal law or conflict or materially interfere with the professional services required under this Agreement.
- D. Fire Chief's duties may involve expenditures of time in excess of the regularly established workday or in excess of a forty-hour workweek and may also include time outside normal office hours (including but not limited to attendance at Board meetings). Fire Chief is classified as an exempt employee under the Fair Labor Standards Act ("FLSA") and shall not be entitled to any additional compensation for hours worked in excess of forty (40) in a work week.

Section 4: Performance Evaluation

The Board of Directors, in closed session, shall review and evaluate the performance of Fire Chief at least once each year during the term of this Agreement. Upon execution of this Agreement by both parties, the Board shall schedule time, and allocate the funds if necessary, to develop mutually agreeable goals, objectives, and performance standards which will be applied during such annual performance evaluations. The review and evaluation are to be completed in



accordance with criteria developed jointly by the Board of Directors and Fire Chief. Such review is to include a written statement of the findings provided to Fire Chief, and an adequate opportunity for Fire Chief to discuss this evaluation with the Board of Directors. The Board of Directors may retain, at its sole discretion, the services of a professional facilitator or qualified labor negotiator to assist the Board in completing this annual performance evaluation process. Failure of the Board to review and evaluate the performance of Fire Chief pursuant to this section shall not affect the right of the OCFA to terminate Fire Chief's employment and shall not be considered a breach of this Agreement.

Section 5:     Salary

- A.     As compensation for the services to be performed hereunder, effective April 16, 2018, OCFA agrees to provide Fire Chief an annual base salary of \$240,000 payable in equal installments at the same time and in the same manner that OCFA employees are paid. The OCFA shall also deduct from his annual base salary any applicable sums that Fire Chief is obligated to pay because of participation in plans or programs described in Section 6 of this Agreement.
- B.     After completion of Fire Chief's first full year of service, Fire Chief will receive a non-base building increase equal to \$20,000, which must be approved by Resolution of the Board.
- C.     After the first year, future annual non-base building increases will be awarded automatically to ensure that the Fire Chief's salary when combined with this increase will equal five percent (5%) above the salary of Fire Chief's highest paid subordinate, excluding overtime. Such increases will be subject to deductions and withholdings of any and all sums required for federal or state income tax, and other deductions or withholdings required by then-current state, federal or local law.
- D.     Any increases in the annual base salary of Fire Chief, to the extent provided, may be made effective at any time and shall be made at the sole discretion of the Board of Directors. Increases in Fire Chief's annual base salary approved by the Board of Directors shall not require an amendment to this Agreement to be effective. Such increases may be set forth in an annual personnel and salary resolution or other Resolution approved by the Board.
- E.     Fire Chief's compensation as discussed under this Section 5 is not tied to the compensation of any other OCFA employee or group of OCFA employees, except as expressly provided in this Agreement.

Section 6:     Benefits and Leaves of Absence

A.     Executive Management Benefits

Except as otherwise provided herein, Fire Chief shall receive all benefits provided to Executive Management employees as set forth in the Personnel and Salary Resolution (and any



changes thereto adopted by the Board of Directors) and provided consistent with the Public Employment Pension Reform Act. This provision shall be automatically amended whenever the Board of Directors adopts a new resolution or takes action to modify these benefits for Executive Management employees.

Sick Leave. Fire Chief shall be advanced forty (40) hours of sick leave upon commencement of employment. Fire Chief will not begin to accrue sick leave until such time as the advanced forty (40) hours would have been earned according to the Personnel and Salary Resolution for Executive Management. At that time, sick leave accrual will resume at the rate specified in the Personnel and Salary Resolution for Executive Management Employees.

Paid Annual Leave. In the pay period which includes April 16, 2018, Fire Chief shall receive the pro-rated equivalent of Paid Annual Leave based on a calendar year allotment of one hundred sixty (160) hours. In the first pay period of each subsequent calendar year, Fire Chief will receive Paid Annual Leave hours in an amount which will bring his total hours to no more than one hundred sixty (160). Paid Annual Leave may not be cashed-out during employment, but any remaining hours will be cashed out upon separation of employment.

Vacation. Fire Chief shall not accrue vacation time.

B. Retirement Benefits

The Board of Directors has authorized enrollment in the Orange County Employment Retirement System ("OCERS") in the retirement safety plan of 2.7% at age 57 for safety employees hired after January 1, 2013. OCFA is responsible for paying the entire employer cost of Fire Chief's benefit in accordance with the rate determined by OCERS. Fire Chief is responsible for paying the employee/member contribution toward his OCERS retirement benefit (currently based on age of entry). Fire Chief shall always be responsible for full payment of the employee/member contribution as may be amended from time to time by OCERS.

C. Personal Vehicle Business Mileage Reimbursement

Employee shall be entitled to the use of an OCFA vehicle primarily for OCFA purposes. Any limited personal use shall conform with Part 3, Section 8 of the OCFA Personnel and Salary Resolution. Where the term "Fire Chief" is used in that provision, for purposes of this Agreement only, it shall be replaced with Board of Directors.

D. Professional Development

OCFA acknowledges its interest in the continuing professional development of Fire Chief and agrees to pay all reasonable and appropriate expenses associated with professional dues and subscriptions and/or attendance at conferences, training opportunities, and meetings of organizations concerned with Fire Chief /fire-rescue services profession. Such expenses shall be approved in advance by the Board of Directors during its annual budget process.



E. General Business Expenses

The OCFA recognizes that Fire Chief may incur expenses of a non-personal, job-related nature that are reasonably necessary to Fire Chief's service to the OCFA. The OCFA agrees to either pay such expenses in advance or to reimburse the expenses, so long as the expenses are incurred and submitted according to the OCFA's normal expense reimbursement procedures or such other procedure as may be designated by the Board of Directors. To be eligible for reimbursement, all expenses must be supported by documentation meeting the OCFA's normal requirements and must be submitted within time limits established by the OCFA.

F. Relocation Costs

The OCFA agrees to reimburse Fire Chief in an amount not to exceed seven thousand five dollars (\$7,500.00) for costs and expenses associated with relocating to Orange County.

G. Administrative Leave Pending an Investigation

Because Fire Chief is an "at-will" employee, the OCFA is not obligated to pay Fire Chief pending an investigation into any alleged misconduct by Fire Chief. Notwithstanding the foregoing, in the event that the Authority determines, in its sole discretion, that it is in the best interest of the OCFA for Fire Chief to be placed on paid administrative leave pending such an investigation, Fire Chief shall fully reimburse any salary provided for that purpose if the misconduct for which Fire Chief was under investigation results in Fire Chief being convicted of a crime involving an abuse of his office or position as defined in Section 7.A.2 of this Agreement. Fire Chief shall fully reimburse such salary no later than six (6) months after the date such conviction becomes final and no longer subject to appeal.

Section 7: Termination and Separation Pay

A. Termination by OCFA for Reasons Other Than "Cause"

1. If OCFA terminates this Agreement (thereby terminating Fire Chief's employment) without cause or for reasons other than "cause" as defined in Paragraph B below, and if Fire Chief timely executes and delivers to OCFA an original "Separation Agreement and General Release" in the form attached hereto as Attachment 1, and does not thereafter timely exercise his right to revoke said Separation Agreement and General Release, the OCFA shall pay Fire Chief a lump sum severance benefit equal to the monthly salary of Fire Chief at the time of separation multiplied by six (6).

2. Such Separation Pay is considered a cash settlement related to the termination of Fire Chief and shall therefore be fully reimbursed to the OCFA by Fire Chief if Fire Chief is convicted of a crime involving an abuse of his office or position. Abuse of office or position shall have the meaning set forth in Government Code section 53243.4, as may be amended, of either (1) an abuse of public authority, including, but not limited to, waste, fraud, and violation of the law under color of authority, or (2) a crime against



public justice, including, but, not limited to, a crime described in Title 7 (commencing with Section 92 of Part 1 of the Penal Code). Fire Chief shall fully reimburse such Separation Pay no later than six (6) months after the date such conviction becomes final and no longer subject to appeal.

B. Termination by OCFA With Cause

If the OCFA terminates this Agreement (thereby terminating Fire Chief's employment) with cause, Fire Chief shall not be entitled to any Separation Pay. As used in this Agreement, "cause" shall mean any of the following:

1. Conviction of a felony; or
2. Conviction of a misdemeanor arising out of Fire Chief's duties or performance under this Agreement; or
3. Misappropriation of public funds; or
4. Willful abandonment of duties consisting of the failure to report to work for five (5) consecutive working days (for reasons not medically related) and not notifying staff or the Board of Directors of his leave status; or
5. A willful and intentional failure to carry out materially significant and legally constituted policy decisions made by the Board of Directors; or
6. Any other intentional or grossly negligent action or inaction by Fire Chief that: (a) materially and substantially impedes or disrupts the operations of the OCFA or its organizational units; (b) is materially detrimental to employees or public safety; (c) violates properly established rules or procedures of the OCFA causing a material and substantial adverse impact on the OCFA; or (d) has a material and substantial adverse effect on the OCFA's interests as clearly delineated by properly established Board of Directors action, policy, regulations, ordinances, or OCFA Code provisions.

C. Termination by Fire Chief

Fire Chief may resign from his employment as Fire Chief and terminate this Agreement at any time upon giving at least thirty (30) days advance written notice to the Board of Directors during the term of this Agreement. Fire Chief shall not be entitled to any Separation Pay if he resigns.

Section 8: Confidential Information

Fire Chief acknowledges that in the course of his employment contemplated herein, Fire Chief will be given or will have access to confidential and proprietary documents and information relating to the OCFA, its residents, businesses, employees, and customers ("Confidential Information"). Such Confidential Information may include, but is not limited to, all information



given to or otherwise accessible to Fire Chief that is not public information or would be exempt from public disclosure as confidential, protected, exempt, or privileged information. Fire Chief shall hold the Confidential Information in trust for the OCFA's benefit and shall not disclose the Confidential Information to others not otherwise entitled to receive it without the express written consent of the OCFA. All Confidential Information shall be promptly returned to the OCFA immediately upon the effective date of any termination or resignation.

Section 9: Indemnification

A. Except for an act of misappropriation of public funds, or an indictment, the filing of an information, a plea of guilty or a plea of *nolo contendere* for a crime involving moral turpitude, OCFA shall defend, hold harmless and indemnify Fire Chief against any tort, professional liability claim or demand or other legal action, whether groundless or otherwise, arising out of an alleged act or omission occurring within the scope of his employment as Fire Chief, using legal counsel of the OCFA's choosing in its sole discretion, in accordance with the provisions of California Government Code section 825, applicable provisions of the Tort Claims Act, and other applicable law. In the event there is a conflict of interest between the OCFA and Fire Chief in such a case such that independent counsel is required for Fire Chief, the OCFA shall pay the reasonable fees of such independent counsel as determined in the sole discretion of the Board of Directors. OCFA may compromise and settle any such claim or suit and pay the amount of any settlement or judgment rendered therefrom.

B. In the event that the OCFA provides funds for the legal criminal defense of Fire Chief, Fire Chief shall fully reimburse said funds to the OCFA if Fire Chief is convicted of a crime involving an abuse of his office or position as defined in Section 7.A.2 of this Agreement. Fire Chief shall fully reimburse to OCFA such criminal legal defense fees no later than six (6) months after the date such conviction becomes final and no longer subject to appeal.

Section 10: Notices

Any notices to be given hereunder by either party to the other shall be in writing and may be transmitted by personal delivery or by registered or certified mail, return receipt requested. Notices delivered personally shall be deemed communicated as of the date of actual receipt. Mailed notices shall be deemed communicated as of the date they are delivered.

Any notices required by this Agreement shall be addressed as follows:

IF TO OCFA:

Orange County Fire Authority  
ATTN: Board of Directors  
1 Fire Authority Road  
Irvine, California 92602

IF TO FIRE CHIEF:



Brian Fennessy  
[Address on File with Human Resources Department]

Section 11: Entire Agreement

This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the employment of Fire Chief by OCFA and contains all of the covenants and agreements between the parties with respect to that employment in any manner whatsoever. Each party to this Agreement acknowledges that no representation, inducement, promise, or agreement, orally or otherwise, have been made by any party, or anyone acting on behalf of any party, which is not embodied herein, and that no other agreement, statement, or promise not contained in this Agreement shall be valid or binding on either party.

Section 12: Modifications

Any modification of this Agreement shall be effective only if it is in writing and signed by the parties.

Section 13: Effect of Waiver

The failure of either party to insist on strict compliance with any of the terms, covenants, or conditions of this Agreement by the other party shall not be deemed a waiver of that term, covenant, or condition, nor shall any waiver or relinquishment of any right or power at any one time or times be deemed a waiver or relinquishment of that right or power for all or any other times.

Section 14: Partial Invalidity

If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired or invalidated in anyway.

Section 15: Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the State of California and all applicable OCFA Codes, Ordinances, Policies and Resolutions.

Section 16: Bonding

OCFA shall bear the full cost of any fidelity or other bonds required of Fire Chief under any law or ordinance, or any insurance policies in lieu thereof.

Section 17: OCFA's Policies and Procedures

The terms and conditions of Fire Chief's employment, including additional employment benefits of Fire Chief not specifically provided for in this Agreement, shall be governed by



OCFA's personnel policies and procedures and administrative regulations, to the extent not inconsistent with the provisions of this Agreement. In the event of any such inconsistency or conflict, the provisions of this Agreement shall govern.

Section 18: Fire Chief's Independent Review

Fire Chief acknowledges that he has had the opportunity to conduct, and has conducted, an independent review of the financial and legal effects of this Agreement. Fire Chief acknowledges that he has made an independent judgment upon the financial and legal effects of the Agreement and has not relied upon any representation of the OCFA, its elected or appointed officers and officials, agents or employees other than those expressly set forth in this Agreement. Fire Chief acknowledges that he has been advised to obtain, and has to the full extent of his choosing, availed himself of, legal counsel of his choosing with respect to the terms and provisions of this Agreement.

**IN WITNESS WHEREOF**, the parties have caused this Agreement to be executed as of the date reflected above.

"OCFA"

Orange County Fire Authority,  
a California Joint Powers Authority

By: \_\_\_\_\_

  
Ed Sachs


Chairman, OCFA Board of Directors

ATTEST:

  
Sherry A.F. Wentz  
Clerk of the Authority

**APPROVED AS TO FORM:**

WOODRUFF, SPRADLIN & SMART, APC

  
David E. Kendig  
OCFA General Counsel

"FIRE CHIEF"

  
Brian Fennessy



**ATTACHMENT 1**  
**Separation Agreement and General Release**

This Separation Agreement and General Release ("Separation Agreement") is entered into by Brian Fennessy ("Fire Chief") and Orange County Fire Authority ("Employer"), in light of the following facts:

**RECITALS**

- A. Fire Chief's employment by Employer, and the Employment Agreement under which he was employed, have been terminated effective \_\_\_\_\_, 20\_\_.
- B. Fire Chief is hereby informed that he has twenty-one (21) days from the effective date of the termination when he received this Agreement to consider it. Employer hereby advises Fire Chief to consult with an attorney before signing this Agreement.
- C. Fire Chief acknowledges that for a period of seven (7) days following the signing of this Separation Agreement ("Revocation Period"), he may revoke this Separation Agreement. This Separation Agreement shall not become effective or enforceable until the Revocation Period has expired.
- D. Fire Chief acknowledges that the Salary Payment referenced in paragraph 1 of this Separation Agreement represents all compensation due and payable to him through his termination. Fire Chief also acknowledges that Employer has made this Salary Payment without regard to whether he signs this Separation Agreement. The Salary Payment does not constitute consideration for this Separation Agreement.
- E. Fire Chief acknowledges that the Separation Pay referenced in paragraph 2 of this Separation Agreement is in excess of all amounts that are due and owing to him as a result of his employment by Employer.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein and other good and valuable consideration, receipt of which is hereby acknowledged, the parties agree as follows:

**AGREEMENT**

- 1. Receipt of Salary Payment. Fire Chief hereby acknowledges receipt of a check for all salary owing ("Salary Payment") from Employer.
- 2. Separation Pay. Following return to Employer of this Separation Agreement signed by Fire Chief and expiration of the Revocation Period, not having been revoked by Fire Chief, Employer shall make the applicable Separation Pay provided for under his Employment Agreement with Employer.



3. General Release. In consideration of the Separation Pay to be given to Fire Chief, and other good and valuable consideration, Fire Chief hereby releases and discharges Employer and its past and present elected and appointed officials and officers, employees, representatives, agents and attorneys, from all rights, claims, causes of action, and damages, both known and unknown, in law or in equity, concerning and/or arising out of his employment with Employer which he now has, or ever had, including but not limited to any rights, claims, causes of action, or damages arising under Title VII of the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, the Fair Labor Standards Act of 1938, the Americans with Disabilities Act, the Meyers-Milias Brown Act, the Vocational Rehabilitation Act of 1973, the Family and Medical Leave Act of 1993, the California Moore-Brown-Roberti Family Rights Act, the California Unruh Civil Rights Act, the California Fair Employment and Housing Act, the California Labor Code, under any other federal, state, or local employment practice legislation, or under federal or state common law, including wrongful discharge, express or implied contract, breach of public policy, or violation of due process rights.

Fire Chief hereby waives and relinquishes all rights and benefits afforded by Section 1542 of the Civil Code of California. Fire Chief understands and acknowledges the significance and consequences of this specific waiver of Section 1542. Section 1542 of the Civil Code of California states as follows:

"A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor."

Notwithstanding the provisions of Section 1542, and for the purpose of implementing a full and complete release and discharge of Employer and its past and present elected and appointed officials and officers, employees, representatives, agents and attorneys, Fire Chief expressly acknowledges that this General Release is intended to include in its effect, without limitation, all claims which he does not know or suspect to exist in his favor.

Fire Chief further acknowledges that he has read this General Release, that he understands that this is a general release, and that he intends to be legally bound by the same.

4. Complete Agreement. Except for the applicable provisions of the parties' Employment Agreement, which are referenced herein, this is the entire agreement between Fire Chief and Employer with respect to the subject matter hereof and this Separation Agreement supersedes all prior and contemporaneous oral and written agreements and discussions. It may only be amended in writing.



**IN WITNESS WHEREOF**, the parties have caused this Agreement to be executed as of the dates reflected below.

"FIRE CHIEF"

Dated: \_\_\_\_\_

By: \_\_\_\_\_

ORANGE COUNTY FIRE AUTHORITY

Dated: \_\_\_\_\_

By: \_\_\_\_\_



**FIRST AMENDMENT TO THE EMPLOYMENT AGREEMENT  
BETWEEN ORANGE COUNTY FIRE AUTHORITY AND BRIAN FENNESSY**

This First Amendment ("Amendment") to the Agreement for Appointment of Brian Fennessy to the Position of Fire Chief ("Agreement") is entered into this 26<sup>th</sup> day of July, 2018, by and between Brian Fennessy and the Orange County Fire Authority ("Authority").

**RECITALS**

**WHEREAS**, the Authority's Board of Directors (the "Board") has appointed Chief Fennessy to the position of Fire Chief in accordance with the terms and conditions set forth in the Agreement which was entered into and effective April 16, 2018, and Chief Fennessy desires to continue to serve in this capacity and under the terms set forth therein;

**WHEREAS**, the parties desire to amend the Agreement on the terms and conditions set forth in this Addendum;

**NOW, THEREFORE**, in consideration of the mutual covenants specified herein, the parties agree as follows:

1. The parties hereby replace Section 5.C. in its entirety which states the following: "After the first year, future annual non-base building increases will be awarded automatically to ensure that the Fire Chief's salary when combined with this increase will equal five percent (5%) above the salary of Fire Chief's highest paid subordinate, excluding overtime. Such increases will be subject to deductions and withholdings of any and all sums required for federal or state income tax, and other deductions or withholdings required by then-current state, federal, or local law."

2. Section 5.C. is amended to read as follows: "After the first year increase set forth in Section 5.B., future adjustments to compensation or benefits, if any, shall be negotiated after or concurrently with the performance evaluations conducted pursuant to Section 4. Both parties acknowledge that any such compensation or benefit adjustments shall be discretionary with the Board of Directors."

3. Except as otherwise expressly provided in this Amendment, all of the terms and conditions of the Agreement remain in full force and effect.

Dated this 26th day of July, 2018.

BRIAN FENNESSY

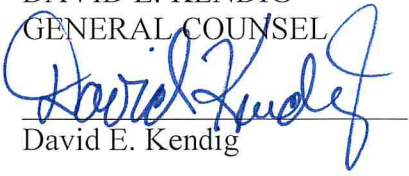
  
\_\_\_\_\_  
Brian Fennessy

APPROVED AS TO FORM:

ORANGE COUNTY FIRE AUTHORITY



DAVID E. KENDIG  
GENERAL COUNSEL



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David E. Kendig



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Ed Sachs  
Chairman, OCFA Board of Directors



**RESOLUTION NO. 2019-XX**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF ORANGE  
COUNTY FIRE AUTHORITY APPROVING A NON-BASE BUILDING  
MERIT INCREASE FOR FIRE CHIEF BRIAN FENNESSY**

*WHEREAS*, the Board of Directors (the “Board”) of the Orange County Fire Authority (“OCFA”) appointed Chief Brian Fennessy (“Fennessy”) to the position of Fire Chief in accordance with the terms and conditions set forth in the Employment Agreement Between OCFA and Fennessy which was entered into and made effective April 16, 2018; and

*WHEREAS*, Section 5.B of the Employment Agreement provides that after completion of Fire Chief’s first full year of service, Fire Chief will receive a non-base building merit increase equal to \$20,000; and

*WHEREAS*, implementation of this provision of the Employment Agreement requires a Resolution; and

*WHEREAS*, Fire Chief has completed his first full year of service.

*NOW, THEREFORE BE IT RESOLVED*, that the Board of Directors of the Orange County Fire Authority does hereby resolve as follows:

Section 1. To provide to Chief Fennessy a \$20,000 non-base building merit increase. This increase will be provided to Chief Fennessy along with his regular salary on the next occurring pay day after adoption of this Resolution.

Section 2. The Clerk of the Authority shall certify to the adoption of this Resolution.

*PASSED, APPROVED and ADOPTED* this 23rd day of May 2019.

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JOSEPH MULLER, CHAIR  
OCFA Board of Directors

ATTEST:

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SHERRY A.F. WENTZ, CMC  
Clerk of the Authority





Orange County Fire Authority  
**AGENDA STAFF REPORT**

Board of Directors Meeting  
May 23, 2019

Agenda Item No. 5B  
Discussion Calendar

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**Community Wildfire Mitigation Inspection Program Presentation**

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**Contact(s) for Further Information**

Lori Smith, Assistant Chief/Fire Marshal      [lorismith@ocfa.org](mailto:lorismith@ocfa.org)      714.573.6016  
Community Risk Reduction

Jennifer Bower, Deputy Fire Marshal      [jenniferbower@ocfa.org](mailto:jenniferbower@ocfa.org)      714.573.6251

**Summary**

This item is submitted to provide requested information and further clarification concerning the Community Wildfire Mitigation inspection and enforcement program.

**Prior Board/Committee Action(s)**

At the April 25, 2019, Board meeting, staff pulled this item from the agenda to bring back when Director Bartlett could be present.

**RECOMMENDED ACTION(S)**

Receive and file the report.

**Impact to Cities/County**

Not Applicable.

**Fiscal Impact**

Not Applicable.

**Background**

At the February 28, 2019 Board of Directors meeting, Director Bartlett inquired about OCFA's defensible space and fuel mod zone inspections. After discussions with Director Bartlett, the Community Wildfire Mitigation team agrees that more education of our Directors is merited to prepare them for questions from Homeowner's Associations and private property owners.

Attached is a PowerPoint presentation summarizing OCFA's Community Wildfire Mitigation Inspection and Enforcement Program. Staff will review this presentation with the Board during its May 23, 2019, meeting, and have staff available to answer questions that may arise from the presentation.

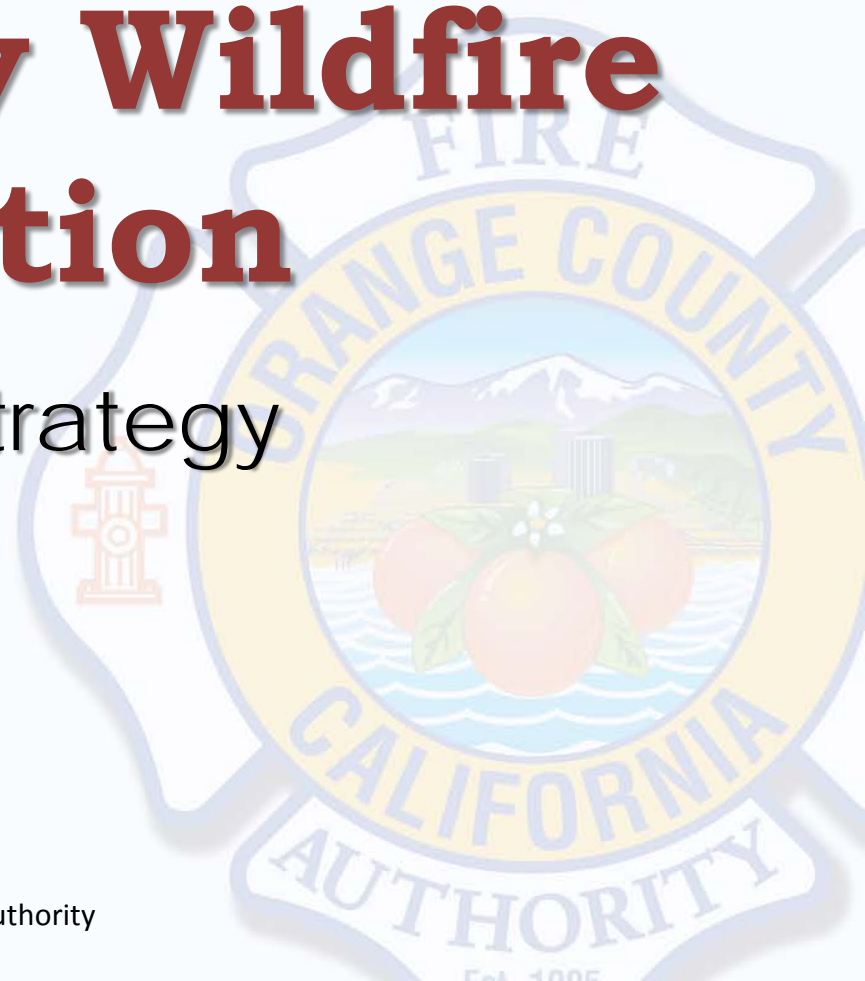
**Attachment(s)**

PowerPoint Presentation (Posted on-line at OCFA.org)



# **Community Wildfire Mitigation**

## **Cohesive Strategy**





# **Wildland Pre-Fire Management**

## **A Holistic Approach**

- Special Operations – Wildland Pre-Fire Management Team
- Community Wildfire Mitigation Team
- Partnerships
  - COAST
  - City/County coordination





# Community Wildfire Mitigation Cohesive Strategy

1. “Restore and maintain resilient landscapes”
  2. “Creating fire adapted communities”
  3. “Responding effectively to wildfires”
- Code Adoption
  - Development Plan Review
  - State Mandated Inspections
  - Community Outreach
  - Post Fire Mitigation



# Current Impacted Areas

- Aliso Viejo
- Dana Point
- Irvine
- Laguna Niguel
- Laguna Woods
- Lake Forest
- Mission Viejo
- Rancho Santa Margarita
- San Juan Capistrano
- San Clemente
- Tustin
- Villa Park
- Yorba Linda
- County Unincorporated



# Workforce

- 1 Assistant Fire Marshal
- 1 Senior Fire Inspector
- 2 Fire Inspectors
- 2 Seasonal (extra help)
- 4 Engine Companies (1,250 inspections SRA )
  - FS15 - Silverado
  - FS18 - Trabuco
  - FS42 - Modjeska
  - FS56 - Ortega





# Community Wildfire Mitigation Inspections

*SRA Collector APP*

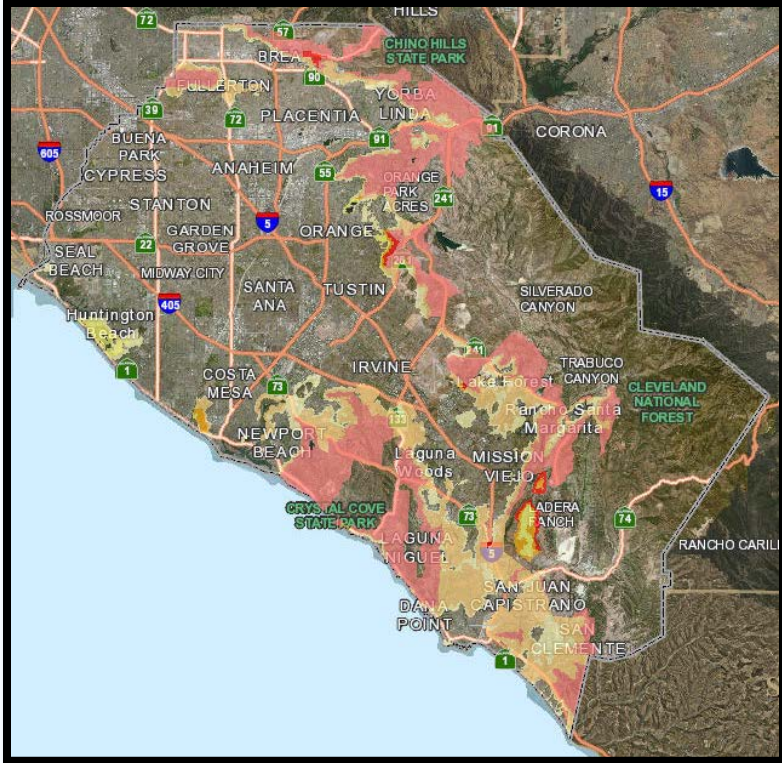
Currently in program:

- Local Responsibility Area (LRA)  
13,711 inspections
- State Responsibility Area (SRA)  
8540 inspections
- Inspections are year round





# Laws and Regulations



## Locally Adopted Codes & Ordinances

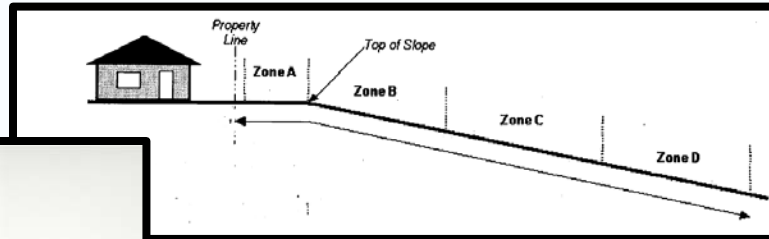
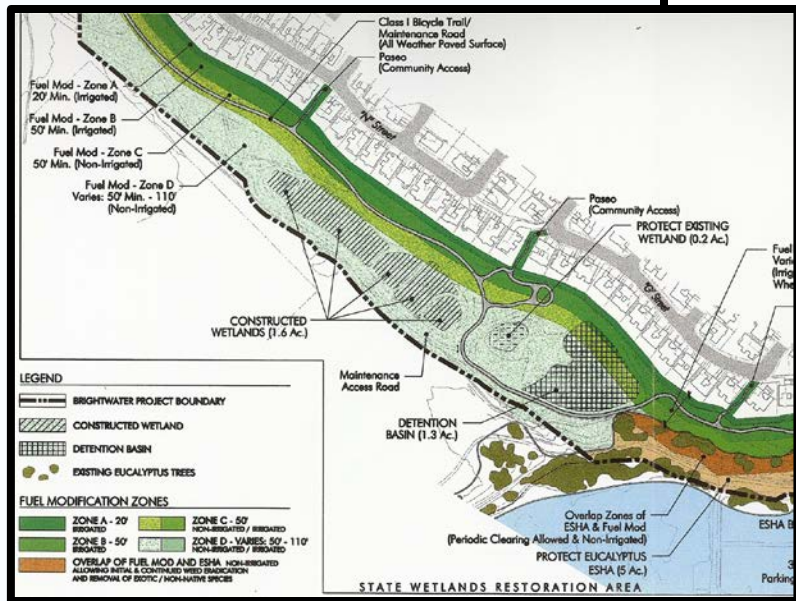
- California Fire Code Chapter 49
- C-05 Guideline Fuel Modification
- Vegetation Management Maintenance Guideline for Property Owners

## State Law and Regulations

- Local Responsibility Areas (LRA)
- Government Code 51175 – 51189
- Public Resource Code



# Fuel Modification Plans

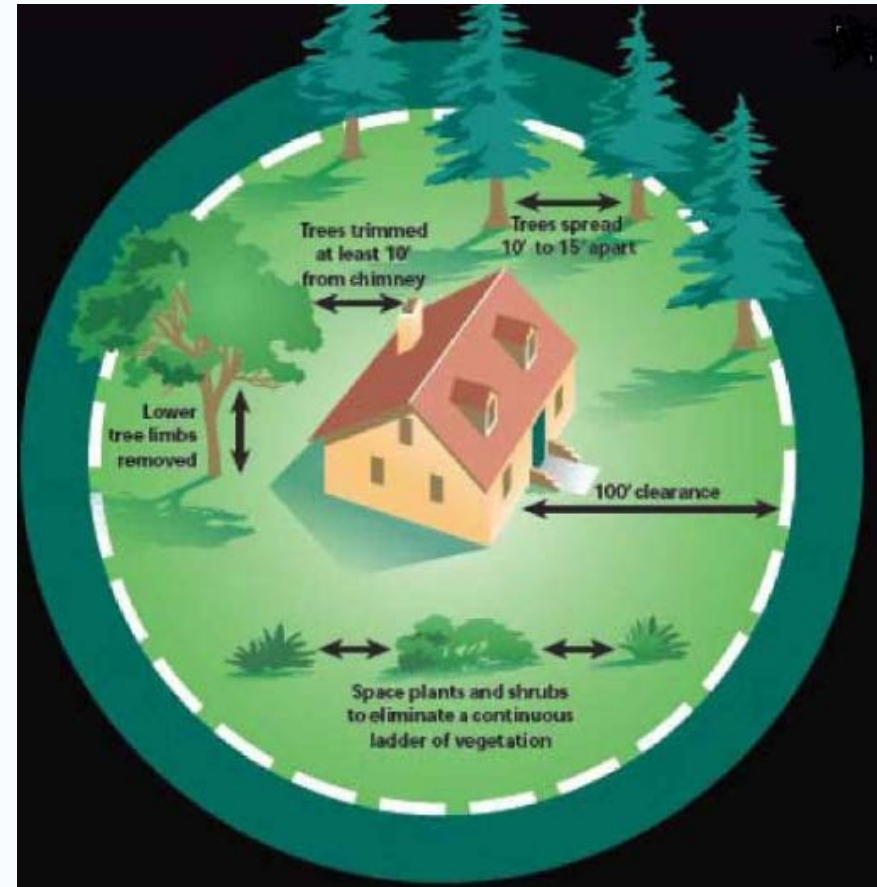


- Reviewed and approved by OCFA
- “Zones”
  - Irrigated and Non-Irrigated
  - Approved Plants
- Special Maintenance Areas
- Maintenance Notes



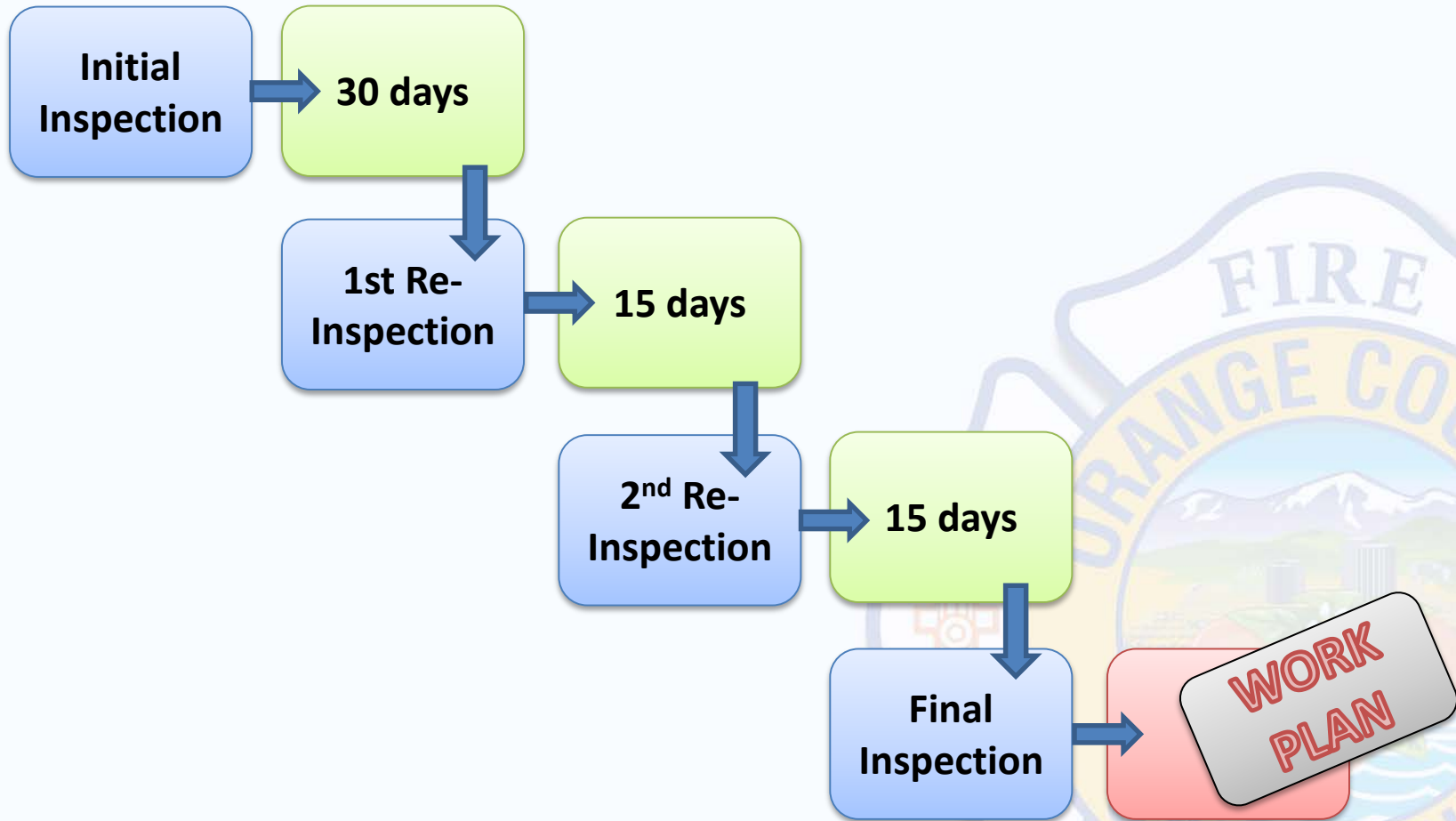
# Defensible Space

- Vegetation Management within 100' of a structure or to property line
- Removal of dead and dying plant material
- Removal of any new undesirable plants
- Horizontal and vertical separation





# Inspection Timeframes





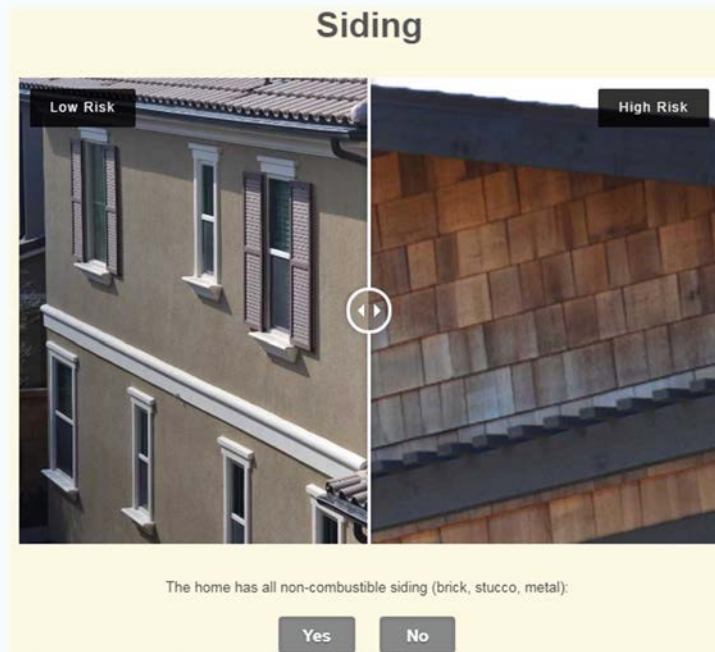
# Ready, Set, Go! Outreach

- HOA/Homeowner
- Property Managers
- Landscape Companies
- Fire Safe Council
  - East Orange County Canyons
  - Foothill Communities
- Community Educator Training
- 2019 – 130 Hours
- Home Assessment
- Operations Community Interaction
- Chipper Days
- Community and Utility Events
- Fire Watch



# Resources

- Website [OCFA.org/RSG](http://OCFA.org/RSG)
- Free onsite Home Assessments
- Online Home Assessments



**Wildfire Home Risk Assessment**  
**Are You READY?**  
**READY! SET! GO!**

**Directions:** Answer each question using assigned point values as it applies to the home. If the question does not apply, score it as a zero. Total the points to determine the risk level for the home.

Home		Points	Total
<b>Condition found</b>	<b>Recommendation</b>		
The home has all non-combustible siding (brick, stucco, metal)		0	
The home has some vinyl siding	Replace siding with non-combustible material	5	
The home has some wood siding		10	
The roof material is non-combustible (metal, composition, tile) with no areas for fire embers to intrude (i.e. has bird stops, flashing at valleys, and blocking)		0	
The roof has wood shakes or areas for fire embers to intrude	Replace wood shake with Class A roof assembly with approved "blocking" material. Eliminate intrusion areas	20	
All chimneys have spark arresters		0	
Some chimneys do not have spark arresters	Install spark arresters with 1/2" non-combustible mesh	5	
All gutters and roof are clear of combustible debris		0	
Some gutters and/or roof have combustible debris present	Clear all combustible debris from roof and gutters. Install screens on gutters to reduce the accumulation of combustible debris	5	
All eaves are boxed to prevent ember collection underneath		0	
Some eaves are not boxed	Plug openings in open-eave areas with durable caulk. Install a non-combustible covering over blocking to eliminate openings	5	
All windows are dual pane with durable frame (one pane is tempered)		0	
Some windows are single pane or have wood frames or do not have any tempered glass	Replace with dual pane windows with a durable frame. One pane should be tempered	5	
All eave and cornice vents are baffled. All other vents are protected with 1/8" non-combustible mesh		0	
Some eave vents and cornice vents are present and are not baffled or some vents are not protected by 1/8" non-combustible mesh	Replace eave and cornice vents with approved baffled vents. Protect all other vents with 1/8" non-combustible mesh. Keep the areas around the vents clear of vegetation	10	
Patio cover is constructed or covered with non-combustible material (brick, stucco, metal) or is not within 10' of home		0	
Patio cover is constructed with uncovered combustible material and is within 10' of home	Replace with non-combustible material or cover with non-combustible material (brick, stucco, metal)	5	
All balconies are constructed or covered with non-combustible material (brick, stucco, metal, tile, etc.). Undersides are protected to prevent ember accumulation		0	
Some balconies are constructed with combustible material or combustible material is exposed or undersides are unprotected	Replace with non-combustible material or cover with non-combustible material. Protect undersides	5	
All decks are constructed with non-combustible material (composite, tile, brick, etc.)		0	
Some decking is constructed with combustible material (un-approved vinyl, wood, etc.)	Replace with non-combustible material or cover with non-combustible material	10	
The undersides of all raised decks are constructed or covered with non-combustible material (brick, stucco, metal, tile, etc.)		0	
The undersides of some raised decks are constructed with combustible material and not covered with non-combustible material (brick, stucco, metal, tile, etc.)	Replace with non-combustible deck or cover with non-combustible material (brick, stucco, metal, tile, etc.)	10	
All fences, gazebos, and trellis's are 10' or more from the home or are constructed with non-combustible material		0	
Some fencing, gazebos or trellis's are less than 10' from the home and constructed with combustible material	Replace fencing, gazebo or trellis with non-combustible material within 10' from the house	5	



# Questions?

